



Jeffrey L. Nelson
Director
FERC Rates &
Market Integration

November 22, 2019

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

RE: Southern California Edison Company's Formula Transmission Rate Annual
Update Filing in Docket No. ER19-1553-___ (TO2020)

Dear Ms. Bose:

Under Southern California Edison Company's ("SCE") Transmission Owner Tariff ("TO Tariff"), SCE calculates its retail and wholesale Base Transmission Revenue Requirements ("Base TRR") using a formula rate spreadsheet ("Formula Rate"). SCE hereby submits for informational purposes its annual formula transmission rate update filing ("TO2020 Annual Update"), pursuant to Section 3 of Attachment 1 to Appendix IX of SCE's TO Tariff (the "Formula Rate Protocols").

This submission is provided to the Commission for informational purposes only. This filing is not subject to the requirements of Section 205 of the Federal Power Act, and pursuant to Section 3(d)(3) of the Formula Rate Protocols, does not subject SCE's Formula Rate to modification.

SCE requests that the Commission issue a public notice of filing for the TO2020 Annual Update and establish a comment date.

I. Background

On October 27, 2017, in Docket No. ER18-169-000, SCE filed its Second Transmission Formula Rate with the Commission (“TO2018 Formula Rate”). The TO2018 Formula Rate superseded SCE’s prior Formula Rate accepted in Docket No. ER11-3697 which terminated on December 31, 2017 (“Original Formula Rate”). Several entities intervened or protested the TO2018 Formula Rate filing. By Order dated December 29, 2017, the Commission accepted SCE’s TO2018 Formula Rate and related 2018 TRR, suspended it for a nominal period, to be effective January 1, 2018, subject to refund, and established hearing and settlement judge procedures.¹ Additionally, because SCE’s TO2018 Formula Rate filing proposed a TRR reduction and a further decrease may have been warranted, the Commission also instituted an investigation pursuant to section 206 of the FPA in Docket No. EL18-44-000 to determine whether SCE’s proposed TRR reduction was just and reasonable, and consolidated the TO2018 Formula Rate proceedings for purposes of hearing and settlement judge procedures.² On September 16, 2019, an offer of settlement was filed with the Commission. In addition, on October 10, 2019 SCE filed a motion for interim rate relief with the Commission. On October 22, 2019, an Order of Chief Judge Granting Motion for Interim Implementation of Settlement Rates was issued which accepted the interim Settlement Rates proposed by SCE and terminated Docket No. ER18-169-003.

On September 17, 2018, in Docket No. ER18-2440-000, SCE filed a modification to the TO2018 Formula Rate proposing tariff changes necessary to implement the 2017 Tax Cuts and Jobs Act (“TCJA”) seeking an effective date of November 16, 2018. On March 19, 2019, the Commission issued a letter order

¹ *Southern California Edison Company*, 161 FERC ¶ 61,309 (2017)

² *Id.*

accepting SCE's proposed changes and therefore SCE has incorporated the proposed changes into this TO2020 Annual Update.

On November 20, 2018, in Docket No. ER19-374-000, SCE filed a modification to Schedule 33 of TO2018 Formula Rate proposing tariff changes necessary to implement three new Electric Vehicle (EV) retail rate schedules. On January 10, 2019, the Commission issued a letter order accepting SCE's proposed changes and therefore SCE has incorporated the proposed changes into this TO2020 Annual Update.

On March 8, 2019, in Docket No. ER19-1226, SCE filed a modification to Schedule 20 of the TO2018 Formula Rate proposing tariff changes necessary to change SCE's Post Retirement Benefits Other than Pensions ("PBOPs") stated amount of the Authorized PBOPs Expense Amount, to be included for recovery in SCE's formula transmission rate. On April 18, 2019, the Commission issued a letter order accepting SCE's proposed changes and therefore SCE has incorporated the proposed changes into this TO2020 Annual Update.

On April 11, 2019, in Docket No. ER19-1553-000, SCE filed to amend the TO2018 Formula Rate ("TO2019A Formula Rate") proposing tariff changes necessary to reflect dramatic regulatory and financial conditions that have changed since the submission of the TO2018 Formula Rate. On June 11, 2019, the Commission accepted SCE's TO2019A Formula Rate and related revised 2019 Base TRR, suspended it for a nominal period, to become effective November 12, 2019, subject to refund, and established hearing and settlement judge procedures.³ On September 27, 2019, SCE filed a partial offer of settlement in Docket No. ER19-1553 to reduce the requested ROE from 17.62% to 12.47%. On October 4, 2019, SCE filed a motion for interim rate relief to implement the lower ROE. On October 18, 2019, an Order of Chief Judge Granting Motion for Interim Implementation of Settlement Rates was issued which accepted the interim

³ *Southern California Edison Company*, 167 FERC ¶ 61,214 (2019)

Settlement Rates proposed by SCE effective November 12, 2019, and terminated Docket No. ER19-1553-002. SCE has incorporated the lower ROE into this TO2020 Annual Update.

SCE is now submitting its Annual Update to the Commission in accordance with Section 3 of the Formula Rate Protocols, which specifies that each year SCE will file an Annual Update on or before December 1, revising the Base TRR and associated rates to be effective on January 1 of the upcoming Rate Year. The Rate Year for TO2020 Annual Update is January 1, 2020 through December 31, 2020. In preparing this Annual Update, SCE used the TO2019A Formula Rate to establish its Base TRR.

II. SCE's Formula Transmission Rate

Pursuant to SCE's formula transmission rate, the Base TRR is calculated as the sum of the Prior Year TRR, the Incremental Forecast Period TRR ("IFPTRR"), a True Up Adjustment and if required, a Cost Adjustment. The Prior Year TRR represents the transmission costs that SCE incurred in the Prior Year, which in this instance is 2018. The IFPTRR represents the incremental transmission costs that SCE expects to incur during the forecast period (in this case 2019 and 2020) as compared to the costs incurred in the Prior Year. The True Up Adjustment is the difference between actual transmission revenues and actual transmission costs during the Prior Year⁴, as well as prior period adjustments. Additionally, in this Annual Update, SCE is including two Cost Adjustments to reduce the Base TRR: one is a result of wildfire related expenses recorded in 2018 that are not anticipated to reoccur in 2020, and the second is to implement the TO2018 interim Settlement Rates.⁵ Therefore, this TO2020 Annual Update revises the retail Base TRR from the TO2019 Annual Update amount of \$1.038 billion to \$0.963 billion, and the wholesale Base TRR from \$1.033 billion to \$0.958 billion.

⁴ The True Up TRR for calendar year 2018 was determined using SCE's TO2018 Formula Rate pursuant to Section 4(e) of the Formula Protocols.

⁵ 168 FERC ¶ 63,010.

III. Reasons for Changes in SCE's Base TRR

As indicated above, in this Annual Update, SCE's retail Base TRR decreases from the TO2019 amount of \$1.038 billion to \$0.963 billion, a decrease of \$75 million. The wholesale Base TRR decreases by \$75 million, from \$1.033 billion to \$0.958 billion.

The Prior Year TRR for TO2020 is \$1.204 billion, compared with \$1.001 billion in TO2019. The IFPTRR in TO2020 is \$133.4 million compared to \$99.7 million in TO2019. The TO2020 Base TRR reflects a True Up Adjustment of -\$184.2 million. This compares to a -\$62.5 million True Up Adjustment in TO2019. Finally, as discussed above, SCE is reflecting a Cost Adjustment of -\$190.4 million. Combined, these changes add up to a \$75 million decrease in Base TRR from TO2019 to TO2020. The principal factor contributing to the decrease in Base TRR is the reflection of the interim Settlement Rates established in Docket No. ER18-169⁶ and the interim Settlement Rates established in Docket No. ER19-1553.⁷

Pursuant to Section 4(e) of the Formula Protocols, the True Up TRR for calendar year 2018 is calculated using the TO2018 interim Settlement Rate. Therefore, the TO2020 True Up Adjustment includes a Previous Annual Update True Up Adjustment that reflects the difference in the calculation of the True Up TRR using the TO2018 interim Settlement Rate methodology and the TO2019A Formula Rate methodology. This adjustment is reflected on Schedule 3 as a -\$32.8 million adjustment on line 23. Additionally, this One-Time adjustment also includes a one-time TO2018 interim Settlement Rate adjustment of \$3.4 million related to SCE recovery of PBOBs in previous years. Finally, as part of the TO2020 True Up Adjustment included in this update, SCE is correcting its True Up TRRs for prior calendar years. There are three corrections reflected in the

⁶ 168 FERC ¶ 63,010.

⁷ 169 FERC ¶ 63,006.

One-Time Prior Period Adjustment. First, SCE is increasing the Account 923 exclusions for calendar years 2016 and 2017, thereby decreasing the 2016 and 2017 True Up TRRs. Second, SCE is decreasing the 2017 CWIP balances for the Mesa incentive project. Third, SCE is decreasing the 2012 through 2014 True Up TRRs due to corrections to the ISO amounts related to Interconnection Facilities Charges Revenue Credits. These corrections are reflected on Schedule 3 of the Formula Rate spreadsheet as a single One-Time Adjustment of -\$285,364.

IV. Documents Submitted With This Filing

This filing consists of the following documents:

- 1) This filing letter;
- 2) An attestation by an SCE officer;
- 3) Attachment 1: The populated formula rate, in both pdf and Excel formats, showing the calculation of the TO2020 Base TRR and associated rates;
- 4) Attachment 2: Retail and Wholesale Transmission rates to be effective on January 1, 2020;
- 5) Attachment 3: Revisions to formula rate inputs from the TO2020 Draft Annual Update; and
- 6) Attachment 4: Workpapers supporting the inputs to Attachment 1, including information required pursuant to the Formula Rate Protocols.
- 7) Attachment 5: The populated TO2018 Formula Rate, in both pdf and Excel formats, showing the calculation of the 2018 True Up TRR and associated incremental supporting workpapers.

V. Service

Copies of this filing have been served on all parties to Docket No. ER19-1553, including the California Public Utilities Commission, as well as the California Independent System Operator Corporation (“CAISO”), and all Participating Transmission Owners in the CAISO.

VI. Communications

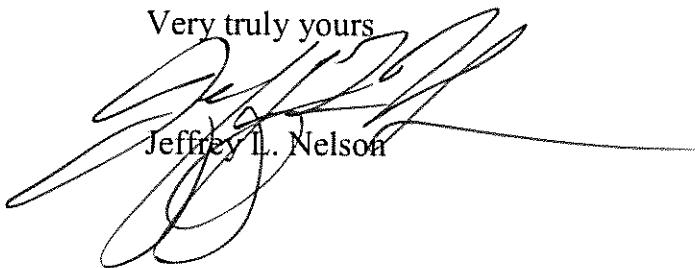
SCE requests that all correspondence, pleadings and other communications concerning this filing be served upon:

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Very truly yours

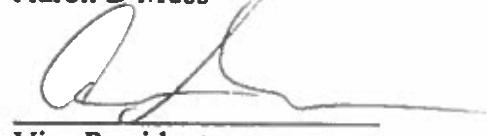
Jeffrey L. Nelson

A handwritten signature in black ink, appearing to read "JL Nelson". It is written in a cursive style with some loops and variations in line thickness.

ATTESTATION

Aaron D Moss attests that he is Vice President of Southern California Edison Company, and that the cost of service statements and supporting data submitted as a part of this filing which purport to reflect the books of Southern California Edison Company are true, accurate, and current representations of the utility's books and other corporate documents to the best of his knowledge and belief.

Aaron D Moss



Vice President

Dated: November 15, 2019

Attachment 1

Southern California Edison Formula Spreadsheet for the TO2020 Annual Update

Attachment 2 to Appendix IX
Formula Rate Spreadsheet

Table of Contents

<u>Worksheet Name</u>	<u>Schedule</u>	<u>Purpose</u>
Overview		Base TRR Components.
BaseTRR	1	Full Development of Retail and Wholesale Base TRRs
IFPTRR	2	Calculation of the Incremental Forecast Period TRR
TrueUpAdjust	3	Calculation of the True Up Adjustment
TUTRR	4	Calculation of the True Up TRR
ROR	5	Determination of Capital Structure
PlantInService	6	Determination of Plant In Service balances
PlantStudy	7	Summary of Split of T&D Plant into ISO and Non-ISO
AccDep	8	Calculation of Accumulated Depreciation
ADIT	9	Calculation of Accumulated Deferred Income Taxes
CWIP	10	Presentation of Prior Year CWIP and Forecast Period Incremental CWIP
PHFU	11	Calculation of Plant Held for Future Use
AbandonedPlant	12	Calculation of Abandoned Plant
WorkCap	13	Calculation of Materials and Supplies and Prepayments
IncentivePlant	14	Summary of Incentive Plant balances in the Prior Year
IncentiveAdder	15	Calculation of Incentive Adder component of the Prior Year TRR
PlantAdditions	16	Forecast Additions to Net Plant
Depreciation	17	Calculation of Depreciation Expense
DepRates	18	Presentation of Depreciation Rates
OandM	19	Calculation of Operations and Maintenance Expense
AandG	20	Calculation of Administrative and General Expense
RevenueCredits	21	Calculation of Revenue Credits
NUCs	22	Calculation of Network Upgrade Credits and Network Upgrade Interest Expense
RegAssets	23	Calculation of Regulatory Assets/Liabilities and Regulatory Debits
CWIPTRR	24	Calculation of Contribution of CWIP to TRRs
WholesaleDifference	25	Calculation of the Wholesale Difference to the Base TRR
TaxRates	26	Calculation of Composite Tax Rate
Allocators	27	Calculation of Allocation Factors
FFU	28	Calculation of Franchise Fees Factor and Uncollectibles Expense Factor
WholesaleTRRs	29	Calculation of components of SCE's Wholesale TRR
Wholesale Rates	30	Calculation of SCE's Wholesale transmission rates
HVLV	31	Calculation of High and Low Voltage percentages of Gross Plant
GrossLoad	32	Presentation of forecast Gross Load for wholesale rate calculations
RetailRates	33	Calculation of retail transmission rates
Unfunded Reserves	34	Calculation of Unfunded Reserves

Overview of SCE Retail Base TRR

SCE's retail Base Transmission Revenue Requirement is the sum of the following components:

<u>TRR Component</u>	<u>Amount</u>
Prior Year TRR	\$1,204,159,241
Incremental Forecast Period TRR	\$133,428,720
True-Up Adjustment	-\$184,210,609
Cost Adjustment	-\$190,401,444
Base TRR (retail)	\$962,975,907

These components represent the following costs that SCE incurs:

- 1) The Prior Year TRR component is the TRR associated with the Prior Year (most recent calendar year).
The Prior Year TRR is calculated using End-of-Year Rate Base values, as set forth in the "1-BaseTRR" Worksheet.
- 2) The Incremental Forecast Period TRR is the component of Base TRR associated with forecast additions to in-service plant or CWIP, as set forth in the "2-IFPTRR" Worksheet.
- 3) The True Up Adjustment is a component of the Base TRR that reflects the difference between projected and actual costs, as set forth in the "3-TrueUpAdjust" Worksheet.
- 4) The Cost Adjustment component may be included as provided in the Tariff protocols.

Southern California Edison Company

Cells shaded yellow are input cells

Formula Transmission Rate

<u>Line</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	2018
RATE BASE			
1 ISO Transmission Plant		6-PlantInService, Line 19	\$8,787,478,998
2 General Plant + Electric Miscellaneous Intangible Plant		6-PlantInService, Line 27	\$254,260,091
3 Transmission Plant Held for Future Use		11-PHFU, Line 8	\$9,942,155
4 Abandoned Plant		12-AbandonedPlant, Line 3	\$0
<u>Working Capital amounts</u>			
5 Materials and Supplies		13-WorkCap, Line 16	\$16,509,631
6 Prepayments		13-WorkCap, Line 36	\$8,521,701
7 Cash Working Capital		(Line 66 + Line 67) / 8	\$35,536,585
8 Working Capital		Line 5 + Line 6 + Line 7	\$60,567,917
<u>Accumulated Depreciation Reserve Balances</u>			
9 Transmission Depreciation Reserve - ISO	Negative amount	8-AccDep, Line 13, Col. 12	-\$1,754,739,490
10 Distribution Depreciation Reserve - ISO	Negative amount	8-AccDep, Line 16, Col. 5	\$0
11 General + Intangible Plant Depreciation Reserve	Negative amount	8-AccDep, Line 26	-\$95,165,390
12 Accumulated Depreciation Reserve		Line 9 + Line 10 + Line 11	-\$1,849,904,880
13 Accumulated Deferred Income Taxes	Negative amount	9-ADIT, Line 5, Col. 2	-\$1,642,932,131
14 CWIP Plant		14-IncentivePlant, L 12, Col 1	\$442,100,547
15 Other Regulatory Assets/Liabilities		23-RegAssets, Line 14	\$0
16 Unfunded Reserves		34-UnfundedReserves, Line 6	-\$167,851,097
17 Network Upgrade Credits	Negative amount	22-NUCs, Line 4	-\$64,560,041
18 Rate Base		L1 + L2 + L3 + L4 + L8 + L12 + L13 + L14+ L15+ L16 + L17	\$5,829,101,559

OTHER TAXES

19 Sub-Total Local Taxes	FF1 263.1, Row 13, Column i	FF1 263 or 263.x (see note to left)	\$317,759,682
20 Transmission Plant Allocation Factor		27-Allocators, Line 22	18.7565%
21 Property Taxes		Line 19 * Line 20	\$59,600,627
22 Payroll Taxes Expense			
23 FICA		Line 24 + Line 25+ Line 26	\$110,738,321
24 Fed Ins Cont Amt -- Current	FF1 263, Row 6, Column i	FF1 263 or 263.x (see note to left)	\$109,634,389
25 FICA/OASDI Emp Incntv.	FF1 263, Row 7, Column i	FF1 263 or 263.x (see note to left)	\$965,694
26 FICA/HIT Emp Incntv.	FF1 263, Row 8, Column i	FF1 263 or 263.x (see note to left)	\$138,238
27 CA SUI Current	FF1 263, Row 24, Column i	FF1 263 or 263.x (see note to left)	\$5,859,182
28 Fed Unemp Tax Act- Current	FF1 263, Row 9, Column i	FF1 263 or 263.x (see note to left)	\$740,442
29 CADI Vol Plan Assess	FF1 263, Row 29, Column i	FF1 263 or 263.x (see note to left)	\$1,794,719
30 SF Pyrl Exp Tx - SCE	FF1 263, Row 28, Column i	FF1 263 or 263.x (see note to left)	\$4,052
31 Total Electric Payroll Tax Expense		Line 23 + (Line 27 to Line 30)	\$119,136,716
32 Capitalized Overhead portion of Electric Payroll Tax Expense		26-TaxRates, Line 16	\$47,416,413
33 Remaining Electric Payroll Tax Expense to Allocate		Line 31 - Line 32	\$71,720,303
34 Transmission Wages and Salaries Allocation Factor		27-Allocators, Line 9	5.9033%
35 Payroll Taxes Expense		Line 33 * Line 34	\$4,233,892
36 Other Taxes	Note 1	Line 21 + Line 35	\$63,834,519

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Cells shaded yellow are input cells

Formula Transmission Rate

<u>Line</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	2018
RETURN AND CAPITALIZATION CALCULATIONS			
<u>Debt</u>			
37 Long Term Debt Amount		5-ROR-1, Line 13	\$12,008,331,034
38 Cost of Long Term Debt		Line 37 * Line 39	\$562,022,090
39 Long Term Debt Cost Percentage		5-ROR-3, Line 12	4.6803%
<u>Preferred Stock</u>			
40 Preferred Stock Amount		5-ROR-1, Line 17	\$2,187,625,314
41 Cost of Preferred Stock		Line 40 * Line 42	\$124,816,444
42 Preferred Stock Cost Percentage		5-ROR-4, Line 9	5.7056%
<u>Equity</u>			
43 Common Stock Equity Amount		5-ROR-1, Line 23	\$12,827,326,327
44 Total Capital		Line 37 + Line 40 + Line 43	\$27,023,282,676
<u>Capital Percentages</u>			
45 Long Term Debt Capital Percentage		Line 37 / Line 44	44.4370%
46 Preferred Stock Capital Percentage		Line 40 / Line 44	8.0953%
47 Common Stock Capital Percentage		Line 43 / Line 44	47.4677%
<u>Annual Cost of Capital Components</u>			
48 Long Term Debt Cost Percentage		Line 39	4.6803%
49 Preferred Stock Cost Percentage		Line 42	5.7056%
50 Return on Common Equity	Note 2	SCE Return on Equity	12.47%
<u>Calculation of Cost of Capital Rate</u>			
51 Weighted Cost of Long Term Debt		Line 39 * Line 45	2.0798%
52 Weighted Cost of Preferred Stock		Line 42 * Line 46	0.4619%
53 Weighted Cost of Common Stock		Line 47 * Line 50	5.9192%
54 Cost of Capital Rate		Line 51 + Line 52 + Line 53	8.4609%
55 Equity Rate of Return Including Common and Preferred Stock	Used for Tax calculation	Line 52 + Line 53	6.3811%
56 Return on Capital: Rate Base times Cost of Capital Rate		Line 18 * Line 54	\$493,192,988

INCOME TAXES

57 Federal Income Tax Rate		26-Tax Rates, Line 1	21.0000%
58 State Income Tax Rate		26-Tax Rates, Line 8	8.8400%
59 Composite Tax Rate	= F + [S * (1 - F)]	(L57 + L58) - (L57 * L58)	27.9836%
<u>Calculation of Credits and Other:</u>			
60 Amortization of Excess Deferred Tax Liability	Note 3		\$-27,502,331
61 Investment Tax Credit Flowed Through	Note 3		-\$520,000
62 South Georgia Income Tax Adjustment	Note 3		\$2,606,000
63 Credits and Other		Line 60 + Line 61+ Line 62	\$25,416,331
64 Income Taxes:		Formula on Line 65	\$110,644,222
65 Income Taxes = [((RB * ER) + D) * (CTR/(1 – CTR))] + CO/(1 – CTR)			
Where: RB = Rate Base ER = Equity Rate of Return Including Common and Preferred Stock CTR = Composite Tax Rate CO = Credits and Other D = Book Depreciation of AFUDC Equity Book Basis			
		Line 18 Line 55 Line 59 Line 63 SCE Records	\$3,610,018

Southern California Edison Company

Cells shaded yellow are input cells

Formula Transmission Rate

<u>Line</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	2018
PRIOR YEAR TRANSMISSION REVENUE REQUIREMENT			
<u>Component of Prior Year TRR:</u>			
66 O&M Expense		19-OandM, Line 91, Col. 6	\$69,646,423
67 A&G Expense		20-AandG, Line 23	\$214,646,260
68 Network Upgrade Interest Expense		22-NUCs, Line 8	\$5,429,238
69 Depreciation Expense		17-Depreciation, Line 70	\$263,420,095
70 Abandoned Plant Amortization Expense		12-AbandonedPlant, Line 1	\$0
71 Other Taxes		Line 36	\$63,834,519
72 Revenue Credits	Negative amount	21-Revenue Credits, Line 44	-\$58,173,791
73 Return on Capital		Line 56	\$493,192,988
74 Income Taxes		Line 64	\$110,644,222
75 Gains and Losses on Trans. Plant Held for Future Use -- Land	Gain negative, loss positive	11-PHFU, Line 10	\$0
76 Amortization and Regulatory Debits/Credits		23-RegAssets, Line 16	\$0
77 Prior Year Incentive Adder		15-IncentiveAdder, Line 14	\$27,071,432
78 Total without FF&U		Sum of Lines 66 to 77	\$1,189,711,385
79 Franchise Fees Expense		L 78 * FF Factor (28-FFU, L 5)	\$11,906,632
80 Uncollectibles Expense		L 78 * U Factor (28-FFU, L 5)	\$2,541,224
81 Prior Year TRR		Line 78 + Line 79+ Line 80	\$1,204,159,241

TOTAL BASE TRANSMISSION REVENUE REQUIREMENT

<u>Calculation of Base Transmission Revenue Requirement</u>			
82 Prior Year TRR		Line 81	\$1,204,159,241
83 Incremental Forecast Period TRR		2-IFPTRR, Line 82	\$133,428,720
84 True Up Adjustment		3-TrueUpAdjust, Line 30	-\$184,210,609
85 Cost Adjustment	Note 4		-\$190,401,444
86 Base Transmission Revenue Requirement (Retail)	For Retail Purposes	L 82 + L 83 + L 84 + L 85	\$962,975,907
<u>Wholesale Base Transmission Revenue Requirement</u>			
87 Base TRR (Retail)		Line 86	\$962,975,907
88 Wholesale Difference to the Base TRR		25-WholesaleDifference, Line 45	-\$5,281,678
89 Wholesale Base Transmission Revenue Requirement		Line 87 + Line 88	\$957,694,229

Notes:

1) Any amount of "Sub-Total Local Taxes" or "Payroll Taxes Expense" may be excluded if appropriate with the provision of a workpaper showing the reason for the exclusion and the amount of the exclusion.

2) No change in Return on Common Equity will be made absent a Section 205 filing at the Commission.

Does not include any project-specific ROE adders.

In the event that the Return on Common Equity is revised from the initial value, enter cite to Commission Order approving the revised ROE on following line.

Order approving revised ROE: **SCE Proposed Formula Revision in Docket ER19-1553**

3) No change in the South Georgia Income Tax Adjustment "Credits and Other" term will be made absent

a filing at the Commission. Investment Tax Credit Flowed Through amount shall be negative \$520,000 through the Prior Year of 2018, negative \$183,000 for the Prior Year of 2019, and \$0 thereafter.

4) Cost Adjustment may be included as provided in the Tariff protocols.

Calculation of Incremental Forecast Period TRR ("IFPTRR")

The IFP TRR is equal to the sum of:

- 1) Forecast Plant Additions * AFCR
- 2) Forecast Period Incremental CWIP * AFCR for CWIP

1) Calculation of Annual Fixed Charge Rates:

Line a) Annual Fixed Charge Rate for CWIP ("AFCRCWIP")

1 AFCRCWIP represents the return and income tax costs associated with \$1 of CWIP,
2 expressed as a percent.

3
4
5 $AFCRCWIP = CLTD + (COS * (1/(1 - CTR)))$

6
7 where:
8 CLTD = Weighted Cost of Long Term Debt
9 COS = Weighted Cost of Common and Preferred Stock
10 CTR = Composite Tax Rate

		Reference
12	Wtd. Cost of Long Term Debt:	2.080%
13	Wtd. Cost of Common + Pref. Stock:	6.381%
14	Composite Tax Rate:	27.984%
15		1-BaseTRR, Line 51
16		1-BaseTRR, Line 55
17		1-BaseTRR, Line 59
18	AFCRCWIP =	10.940% Line 12 + (Line 13 * (1/(1 - Line 14)))

b) Annual Fixed Charge Rate ("AFCR")

20 The AFCR is calculated by dividing the Prior Year TRR (without CWIP related costs)
21 by Net Plant:

22 $AFCR = (\text{Prior Year TRR} - \text{CWIP-related costs}) / \text{Net Plant}$

25 Determination of Net Plant:

		Reference
27	Transmission Plant - ISO:	\$8,787,478,998
28	Distribution Plant - ISO:	\$0
29	Transmission Dep. Reserve - ISO:	\$1,754,739,490
30	Distribution Dep. Reserve - ISO:	\$0
31	Net Plant:	\$7,032,739,508 (L27 + L28) - (L29 + L30)

33 Determination of Prior Year TRR without CWIP related costs:

35 a) Determination of CWIP-Related Costs
36 1) Direct (without ROE adder) CWIP costs

37	CWIP Plant - Prior Year:	\$442,100,547	10-CWIP, L 13 C1
38	AFCRCWIP:	10.940%	Line 16
39	Direct CWIP Related Costs:	\$48,367,557	Line 37 * Line 38

41 2) CWIP ROE Adder costs:

42	IREF:	\$6,591	15-IncentiveAdder, Line 3
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44	Tehachapi CWIP Amount:	\$156,282	10-CWIP, Line 13
45	Tehachapi ROE Adder %:	1.25%	15-IncentiveAdder, Line 5
46	Tehachapi ROE Adder \$:	\$1,288	Formula on Line 52

48	DCR CWIP Amount:	\$0	10-CWIP, Line 13
49	DCR ROE Adder %:	1.00%	15-IncentiveAdder, Line 6
50	DCR ROE Adder \$:	\$0	Formula on Line 52

51 $ROE \text{ Adder } \$ = (\text{CWIP}/\$1,000,000) * IREF * (\text{ROE Adder}/1\%)$

54	CWIP Related Costs wo FF&U:	\$48,368,845	Line 39 + Line 46 + Line 50
55	FF&U Expenses:	<u>\$587,391</u>	(28-FFU, L5 FF Factor + U Factor) * L54
56	CWIP Related Costs with FF&U:	\$48,956,236	Line 54 + Line 55

Schedule 2
Incremental Forecast Period TRR

TO2020 Annual Update
Attachment1

58 b) Determination of AFCR:

60 CWIP Related Costs wo FF&U:	\$48,368,845	Line 54
61 Prior Year TRR wo FF&U:	\$1,189,711,385	1-BaseTRR, Line 78
62 Prior Year TRR wo CWIP Related Costs:	\$1,141,342,541	Line 61 - Line 60
63 75% of O&M and A&G in Prior Year TRR:	\$213,219,512	(1-BaseTRR, Line 66 + Line 67) * .75
64 AFCR:	13.197%	(Line 62 - Line 63) / Line 31

65

66 2) Calculation of IFP TRR

67

		<u>Reference</u>
69 Forecast Plant Additions:	\$601,634,910	16-PlantAdditions, L 25, C10
70 AFCR:	13.197%	Line 64
71 AFCR * Forecast Plant Additions:	\$79,398,820	Line 69 * Line 70
72 Forecast Period Incremental CWIP:	\$479,223,757	10-CWIP, L 54, C8
74 AFCRCWIP:	10.940%	Line 16
75 AFCRCWIP * FP Incremental CWIP:	\$52,428,984	Line 73 * Line 74
76 IFPTRR without FF&U:	\$131,827,803	Line 71 + Line 75
78 Franchise Fees Expense:	\$1,319,333	Line 77 * FF (from 28-FFU, L 5)
80 Uncollectibles Expense:	\$281,584	Line 77 * U (from 28-FFU, L 5)
82 Incremental Forecast Period TRR:	\$133,428,720	Line 77 + Line 79 + Line 80

Calculation of True Up Adjustment Component of TRR

1) Summary of True Up Adjustment calculation:

- Attribute True Up TRR to months in the Prior Year (see Note #1) to determine "Monthly True Up TRR" for each month (see Note #2).
- Determine monthly retail transmission revenues attributable to this formula transmission rate received during Prior Year.
- Compare costs in (a) to revenues in (b) on a monthly basis and determine "Cumulative Excess (-) or Shortfall (+) in Revenue with Interest".
- Include previous Annual Update Cumulative Excess or Shortfall in Prior Year (from Previous Annual Update Line 23) and any One-Time Adjustments in Column 4 (Lines 11 and 12 respectively).
- Continue interest calculation through the end of the Prior Year (Line 23) to determine Cumulative Excess or Shortfall for this Annual Update.

**2) Comparison of True Up TRR and Actual Retail Transmission Revenues received during the Prior Year,
Including previous Annual Update Cumulative Excess or Shortfall in Revenue.**

Line	True Up TRR:	\$1,110,576,731	Source:	From 4-TUTRR,	Line 46				
1	Calculations:	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
2			See Note 2	See Note 3	See Note 4	= C2 - C3 + C 4	See Note 5	See Note 6	See Note 7
3					One-Time				
4					Adjustments and				
5					Actual				
6					Retail Base	Shortfall/Excess			
7					Transmission	Revenue In			
8					Previous	Monthly			
9					Annual Update	Excess (-) or			
10	Month	Year	Monthly True Up	TRR	Revenues	Shortfall (+)	Monthly Interest	Interest for Current Month	Cumulative Excess (-) or Shortfall (+) in Revenue with Interest
11	December	2017	---	---	-\$98,407,948	-\$98,407,948	---	-\$98,407,948	-\$98,407,948
12	January	2018	\$92,548,061	\$95,104,408	-\$285,364	-\$2,841,711	0.35%	-\$101,249,659	-\$349,401
13	February	2018	\$92,548,061	\$79,602,859		\$12,945,202	0.35%	-\$88,653,858	-\$332,943
14	March	2018	\$92,548,061	\$86,953,151		\$5,594,910	0.35%	-\$83,391,890	-\$301,663
15	April	2018	\$92,548,061	\$115,273,322		-\$22,725,261	0.37%	-\$106,418,814	-\$351,708
16	May	2018	\$92,548,061	\$94,769,645		-\$2,221,584	0.37%	-\$108,992,106	-\$399,161
17	June	2018	\$92,548,061	\$97,599,706		-\$5,051,645	0.37%	-\$114,442,912	-\$414,093
18	July	2018	\$92,548,061	\$121,694,630		-\$29,146,569	0.39%	-\$144,003,575	-\$504,778
19	August	2018	\$92,548,061	\$172,990,909		-\$80,442,849	0.39%	-\$224,951,201	-\$720,446
20	September	2018	\$92,548,061	\$58,038,787		-\$34,509,274	0.39%	-\$191,162,374	-\$812,826
21	October	2018	\$92,548,061	\$118,998,498		-\$26,450,437	0.41%	-\$218,425,637	-\$841,322
22	November	2018	\$92,548,061	\$63,930,368		-\$28,617,693	0.41%	-\$190,649,265	-\$840,328
23	December	2018	\$92,548,061	\$98,014,769	-\$36,217,894	-\$41,684,602	0.41%	-\$233,174,195	-\$870,561
									-\$234,044,756

24 4) True Up Adjustment

Notes:

- Shortfall or Excess Revenue in Prior Year: -\$234,044,756 Line 23, Column 9
- Previous Annual Update TU Adjustment: \$ (62,494,552) Previous Annual Update Schedule 3, Line 30
- TU Adjustment without Projected Interest: -\$171,550,204 Line 26 - Line 27
- Projected Interest to Rate Year Mid-Point: -\$12,660,405 Line 28 * (Line 23, Column 6) * 18 months
- True Up Adjustment: -\$184,210,609 Line 28 + Line 29. Positive amount is to be collected by SCE (included in Base TRR as a positive amount). Negative amount is to be returned to customers by SCE (included in Base TRR as a negative amount).

Previous Annual Update: Docket No. ER18-169

32 5) Final True Up Adjustment

- The Final True Up Adjustment begins on the month after the last True Up Adjustment and extends through the termination date of this formula transmission rate.
- The Final True Up Adjustment shall be calculated as above, with interest to the termination date of the Formula Transmission Rate.

37 Partial Year TRR Attribution Allocation Factors:

	Month	Partial Year TRR AAF	Note:
40	January	6.376%	See Note 2.
41	February	5.655%	
42	March	7.183%	
43	April	8.224%	
44	May	8.018%	
45	June	8.945%	
46	July	9.891%	
47	August	10.141%	
48	September	10.218%	
49	October	9.179%	
50	November	7.530%	
51	December	<u>8.640%</u>	
52	Total:	100.000%	
53			

54 Transmission Revenues: (Note 8)

	Col 1 See Note 9	Col 2 See Note 10	Col 3	Col 4	Col 5	Col 6	Col 7 Sum of left
59							
60	Prior	Actual Retail Base					
61	Year	Transmission	Other				
62	Month	Revenues	Transmission	Distribution	Generation	Public Purpose	Other
63	Jan	\$95,104,408	-\$15,436,886	\$394,408,448	\$356,363,745	\$35,830,374	\$41,895,109
64	Feb	\$79,602,859	-\$13,553,246	\$327,720,360	\$305,936,497	\$27,202,410	\$28,130,529
65	Mar	\$86,953,151	-\$14,725,232	\$362,176,856	\$339,214,374	\$27,577,648	\$30,890,045
66	Apr	\$115,273,322	-\$19,629,778	\$296,971,625	\$431,151,607	\$40,167,600	\$40,809,099
67	May	\$94,769,645	-\$15,898,513	\$384,866,022	\$356,635,537	\$32,028,188	\$32,742,754
68	Jun	\$97,599,706	-\$13,678,335	\$394,530,690	\$518,975,289	\$28,864,997	\$34,972,170
69	Jul	\$121,694,630	-\$13,103,769	\$496,963,837	\$792,271,882	\$48,301,704	\$43,104,256
70	Aug	\$172,990,909	-\$20,821,053	\$713,976,104	\$1,001,538,305	\$96,406,085	\$61,391,969
71	Sep	\$58,038,787	-\$7,370,129	\$252,619,010	\$193,609,091	\$20,049,987	\$21,083,038
72	Oct	\$118,998,498	-\$14,529,867	\$244,707,477	\$406,478,676	\$39,686,155	\$41,418,277
73	Nov	\$63,930,368	-\$9,709,464	\$319,088,082	\$257,129,554	\$20,413,846	\$22,443,948
74	Dec	\$98,014,769	-\$9,972,890	\$407,434,974	\$377,906,595	\$33,165,012	\$33,501,762
75	Totals:	\$1,202,971,052	-\$168,429,163	\$4,595,463,485	\$5,337,211,153	\$449,694,006	\$432,382,957
76							\$11,849,293,489

77 "Total Sales to Ultimate Consumers" from FERC Form 1 Page 300, Line 10, Column b: \$11,849,293,489

Instructions:

- 1) Enter applicable years on Column 1, Lines 11-23 (Prior Year and December of the year previous to the Prior Year).
- 2) Enter Previous Annual Update True Up Adjustment (if any) on Line 27.
Enter with the same sign as in previous Annual Update. If there is no Previous Annual Update True Up Adjustment, then enter \$0.
- 3) Enter monthly interest rates in accordance with interest rate specified in the regulations of FERC at
18 C.F.R. §35.19a on lines 12 to 23, Column 6.
- 4) Enter any One Time Adjustments on Column 4, Line 12 (or other appropriate). If SCE is owed enter as positive, if SCE is to return to customers enter as negative.
One Time Adjustments include:
 - a) In the event that a Commission Order revises SCE's True Up TRR for a previous Prior Year,
SCE shall include that difference in the True Up Adjustment, including interest, at the first opportunity, in accordance with tariff protocols.
Entering on Line 12 (or other appropriate) ensures these One Time Adjustments are recovered from or returned to customers.
 - b) Any refunds attributable to SCE's previous CWIP TRR cases (Docket Nos. ER08-375, ER09-187, ER10-160, and ER11-1952), not previously returned to customers.
 - c) Amounts resulting from input errors impacting the True Up TRR in a previous Formula Rate Annual Update pursuant to Protocol Section 3(d)(8).
- 5) Fill in matrix of all retail revenues from Prior Year in table on lines 63 to 74.
- 6) Enter Total Sales to Ultimate Consumers on line 77 and verify that it equals the total on line 75.
- 7) If true up period is less than entire calendar year, then adjust calculation accordingly by including \$0 Monthly True Up TRR and \$0
Actual Retail Base Transmission Revenues for any months not included in True Up Period.

Notes:

- 1) The true up period is the portion (all or part) of the Prior Year for which the Formula Transmission Rate was in effect.
- 2) The Monthly True Up TRR is derived by multiplying the annual True Up TRR on Line 1 by 1/12, if formula was in effect. In the event of a Partial Year True Up, use the Partial Year TRR Attribution Allocation Factors on Lines 40 to 51 for each month of Partial Year True Up.
Only enter in the Prior Year, Lines 12 to 23, or portion of year formula was in effect in case of Partial Year True Up.
Partial Year True Up Allocation Factors calculated based on three years (2008-2010) of monthly SCE retail base transmission revenues.
- 3) "Actual Retail Base Transmission Revenues" are SCE retail transmission revenues attributable to this formula transmission rate.
as shown on Lines 63 to 74, Column 1.
- 4) Enter "Shortfall or Excess Revenue in Previous Annual Update" on Line 11, or other appropriate (from Previous Annual Update, Line 23, Column 9).
- 5) Monthly Interest Rates in accordance with interest rate specified in the regulations of FERC (See Instruction #3).
- 6) "Cumulative Excess (-) or Shortfall (+) in Revenue w/o Interest for Current Month" is, beginning for the January month,
the amount in Column 9 for previous month plus the current month amount in Column 5. For the first December, it is the amount in Column 5.
- 7) Interest for Current Month is calculated on average of beginning and ending balances (Column 9 previous month and Column 7 current month).
No interest is applied for the first December.
- 8) Only provide if formula was in effect during Prior Year.
- 9) Only include Base Transmission Revenue attributable to this formula transmission rate.
Any other Base Transmission Revenue or refunds is included in "Other".
The Base Transmission Revenues shown in Column 1 shall be reduced to reflect any retail customer refunds provided by SCE associated with the formula transmission rate that are made through a CPUC-authorized mechanism.
- 10) Other Transmission Revenue includes the following:
 - a) Transmission Revenue Balancing Account Adjustment revenue.
 - b) Transmission Access Charge Balancing Account Adjustment.
 - c) Reliability Services Revenue.
 - d) Any Base Transmission Revenue not attributable to this formula.

Calculation of True Up TRR

A) Rate Base for True Up TRR

<u>Line</u>	<u>Rate Base Item</u>	<u>Calculation Method</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>Amount</u>
1	ISO Transmission Plant	13-Month Avg.		6-PlantInService, Line 18	\$8,666,375,347
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$257,801,395
3	Transmission Plant Held for Future Use	BOY/EOY Avg.		11-PHFU, Line 9	\$9,942,155
4	Abandoned Plant	BOY/EOY Avg.		12-AbandonedPlant Line 4	\$0
<u>Working Capital Amounts</u>					
5	Materials and Supplies	13-Month Avg.		13-WorkCap, Line 17	\$14,969,118
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$11,573,444
7	Cash Working Capital	1/8 (O&M + A&G)		1-Base TRR Line 7	\$35,536,585
8	Working Capital			Line 5 + Line 6 + Line 7	\$62,079,148
<u>Accumulated Depreciation Reserve Amounts</u>					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,697,245,473
10	Distribution Depreciation Reserve - ISO	BOY/EOY Avg.	Negative amount	8-AccDep, Line 17, Col. 5	\$0
11	G + I Depreciation Reserve	BOY/EOY Avg.	Negative amount	8-AccDep, Line 23	-\$98,848,153
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	-\$1,796,093,626
13	Accumulated Deferred Income Taxes	Prorata Avg.		9-ADIT, Line 15	-\$1,646,253,624
14	CWIP Plant	13-Month Avg.		14-IncentivePlant, L 12, C2	\$297,221,934
15	Network Upgrade Credits	BOY/EOY Avg.	Negative amount	22-NUCs, Line 7	-\$78,952,573
16	Unfunded Reserves			34-UnfundedReserves, Line 7	-\$89,185,607
17	Other Regulatory Assets/Liabilities	BOY/EOY Avg.		23-RegAssets, Line 15	\$0
18	Rate Base			L1+L2+L3+L4+L8+L12+ L13+L14+L15+L16+L17	\$5,682,934,550

B) Return on Capital

<u>Line</u>	<u>Cost of Capital Rate</u>	<u>See Instruction 1</u>	<u>Instruction 1, Line j</u>	<u>7.4878%</u>
19	Return on Capital: Rate Base times Cost of Capital Rate		Line 18 * Line 19	\$425,526,053

C) Income Taxes

<u>21</u>	<u>Income Taxes = [((RB * ER) + D) * (CTR/(1 – CTR))] + CO/(1 – CTR)</u>	<u>\$85,531,942</u>
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Where:

<u>22</u>	<u>RB = Rate Base</u>	<u>Line 18</u>	<u>\$5,682,934,550</u>
23	ER = Equity ROR inc. Com. and Pref. Stock	Instruction 1	5.4080%
24	CTR = Composite Tax Rate		27.9836%
25	CO = Credits and Other		-\$25,416,331
26	D = Book Depreciation of AFUDC Equity Book Basis		\$3,610,018

D) True Up TRR Calculation

27	O&M Expense	1-Base TRR L 66	\$69,646,423
28	A&G Expense	1-Base TRR L 67	\$214,646,260
29	Network Upgrade Interest Expense	1-Base TRR L 68	\$5,429,238
30	Depreciation Expense	1-Base TRR L 69	\$263,420,095
31	Abandoned Plant Amortization Expense	1-Base TRR L 70	\$0
32	Other Taxes	1-Base TRR L 71	\$63,834,519
33	Revenue Credits	1-Base TRR L 72	-\$58,173,791
34	Return on Capital	Line 20	\$425,526,053
35	Income Taxes	Line 21	\$85,531,942
36	Gains and Losses on Transmission Plant Held for Future Use -- Land	1-Base TRR L 75	\$0
37	Amortization and Regulatory Debits/Credits	1-Base TRR L 76	\$0
38	Total without True Up Incentive Adder	Sum Line 27 to Line 37	\$1,069,860,739
39	True Up Incentive Adder	15-IncentiveAdder L 20	\$27,390,967
40	True Up TRR without Franchise Fees and Uncollectibles Expense included:	Line 38 + Line 39	\$1,097,251,706

E) Calculation of final True Up TRR with Franchise Fees and Uncollectibles Expenses

<u>Line</u>		<u>Reference:</u>
41	True Up TRR wo FF: \$1,097,251,706	Line 40
42	Franchise Fee Factor: 1.001%	28-FFU, L 5
43	Franchise Fee Expense: \$10,981,295	Line 41 * Line 42
44	Uncollectibles Expense Factor: 0.214%	28-FFU, L 5
45	Uncollectibles Expense: \$2,343,730	Line 41 * Line 44
46	True Up TRR: \$1,110,576,731	L 41 + L 43 + L 45

Instructions:

1) Use weighted average (by time) of the Return on Equity in effect during the Prior Year in determining the "Cost of Capital Rate" on Line 19 and the "Equity Rate of Return Including Preferred Stock" on Line 23 in the event that the ROE is revised during the Prior Year. In this event, the ROE used in Schedule 1 will differ from the ROE used in this Schedule 4, because the Schedule 1 ROE will be the most recent ROE, whereas the Schedule 4 Cost of Capital Rate and Equity Rate of Return including Com. + Pref. Stock will be based on the weighted-average ROE.

Calculation of weighted average Cost of Capital Rate in Prior Year:

If ROE does not change during year, then attribute all days to Line a "ROE at end of Prior Year" and none to "ROE at start of PY"

	<u>Percentage</u>	<u>Reference:</u>	<u>From</u>	<u>To</u>	<u>Days ROE In Effect</u>
a ROE at end of Prior Year	10.42%	See Line e below	Jan 1, 2018	Dec 31, 2018	365
b ROE start of Prior Year	10.42%	See Line f below			
c				Total days in year:	365
d Wtd. Avg. ROE in Prior Year	10.42%	((Line a ROE * Line a days) + (Line b ROE * Line b days)) / Total Days in Year			

Commission Decisions approving ROE:

	<u>Reference:</u>
e End of Prior Year	TO2018 Settlement in ER18-169
f Beginning of Prior Year	TO2018 Settlement in ER18-169
g Wtd. Cost of Long Term Debt	2.0798% 1-Base TRR L 51
h Wtd.Cost of Preferred Stock	0.4619% 1-Base TRR L 52
i Wtd.Cost of Common Stock	<u>4.9461%</u> 1-Base TRR L 47 * Line d
j Cost of Capital Rate	7.4878% Sum of Lines g to i

Calculation of Equity Rate of Return Including Common and Preferred Stock:

	<u>Percentage</u>	<u>Reference:</u>
k	5.4080%	Sum of Lines h to i

Calculation of Components of Cost of Capital Rate

Line	Calculation of Long Term Debt Amount	Notes	Cells shaded yellow are input cells	
			FERC Form 1 Reference or Instruction	2018 Value
RETURN AND CAPITALIZATION CALCULATIONS				
1	Bonds -- Account 221	13-month avg.	5-ROR-2, Line 1	\$12,042,889,011
2	Less Reacquired Bonds -- Account 222	13-month avg.	5-ROR-2, Line 2	-\$9,230,769
3	Long Term Debt Advances from Associated Companies -- Account 223	13-month avg.	5-ROR-2, Line 3	\$0
4	Other Long Term Debt -- Account 224	13-month avg.	5-ROR-2, Line 4	\$288,062,764
5	Unamortized Premium on Long Term Debt - Account 225	13-month avg.	5-ROR-2, Line 5	\$21,248,213
6	Less Unamortized Discount on Long Term Debt -- Account 226	13-month avg.; enter negative	5-ROR-2, Line 6	-\$47,289,364
7	Unamortized Debt Expenses -- Account 181	13-month avg.; enter negative	5-ROR-2, Line 7	-\$94,988,502
8	Unamortized Loss on Reacquired Debt -- Account 189	13-month avg.; enter negative	5-ROR-2, Line 8	-\$160,292,991
9	Composite Tax Rate		1-BaseTRR, Line 59	27.98%
10	After tax amount of Unamortized Loss on Reacquired Debt		Line 8 * (1- Line 9)	-\$115,437,241
11	Removal of Long Term Debt Related to Fuel Inventories	13-month avg.; enter negative	5-ROR-2, Line 9	-\$76,923,077
12	Adjustments related to "LT Debt Related to Fuel Inventories"		5-ROR-2, Line 10	\$0
13	Long Term Debt Amount		Sum of Lines 1 to 7 and 10 to 12	\$12,008,331,034
Calculation of Preferred Stock Amount				
14	Preferred Stock Amount -- Account 204	13-month avg.	5-ROR-2, Line 11	\$2,245,054,950
15	Unamortized Issuance Costs	13-month avg.	5-ROR-2, Line 12	-\$38,577,832
16	Net Gain (Loss) From Purchase and Tender Offers	13-month avg.	5-ROR-2, Line 13	-\$18,851,804
17	Preferred Stock Amount		Sum of Lines 14 to 16	\$2,187,625,314
Calculation of Common Stock Equity Amount				
18	Total Proprietary Capital	13-month avg.	5-ROR-2, Lines 14 + 14a	\$15,030,033,840
19	Less Preferred Stock Amount -- Account 204	Same as L 14, but negative	5-ROR-2, Line 11	-\$2,245,054,950
20	Minus Net Gain (Loss) From Purchase and Tender Offers	Same as L 16, but reverse sign	5-ROR-2, Line 13	\$18,851,804
21	Less Unappropriated Undist. Sub. Earnings -- Acct. 216.1	13-month avg.	5-ROR-2, Line 15	\$2,603,863
22	Less Accumulated Other Comprehensive Loss -- Account 219	13-month avg.	5-ROR-2, Line 16	-\$20,891,771
23	Common Stock Equity Amount		Sum of Lines 18 to 22	\$12,827,326,327

Calculation of 13-Month Average Capitalization Balances

Year 2018

Line	Item	Col 1 13-Month Avg. = Sum (Cols. 2-14)/13	Col 2 December	Col 3 January	Col 4 February	Col 5 March	Col 6 April	Col 7 May	Col 8 June	Col 9 July	Col 10 August	Col 11 September	Col 12 October	Col 13 November	Col 14 December
Bonds -- Account 221 (Note 1):															
1	\$12,042,889,011	\$10,717,971,429	\$10,717,971,429	\$10,678,685,714	\$11,928,685,714	\$11,771,185,714	\$11,771,185,714	\$12,421,185,714	\$12,421,185,714	\$12,831,900,000	\$12,831,900,000	\$12,831,900,000	\$12,831,900,000	\$12,801,900,000	
Reacquired Bonds -- Account 222 (Note 2): enter - of FF1															
2	-\$9,230,769	-\$30,000,000	-\$30,000,000	-\$30,000,000	-\$30,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Long Term Debt Advances from Associated Companies (Note 3):															
3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Long Term Debt -- Account 224 (Note 4):															
4	\$288,062,764	\$306,557,633	\$306,552,164	\$306,546,671	\$306,541,155	\$276,535,616	\$276,530,053	\$276,524,467	\$276,518,857	\$276,513,224	\$276,507,567	\$276,501,886	\$276,496,181	\$306,490,453	
Unamortized Premium on Long Term Debt -- Account 225 (Note 5)															
5	\$21,248,213	\$21,617,712	\$21,556,128	\$21,494,545	\$21,432,962	\$21,371,379	\$21,309,796	\$21,248,213	\$21,186,630	\$21,125,046	\$21,063,463	\$21,001,880	\$20,940,297	\$20,878,714	
Less Unamortized Discount on Long Term Debt -- Account 226 (Note 6): enter - of FF1															
6	-\$47,289,364	-\$32,677,760	-\$32,505,484	-\$32,350,399	-\$33,818,210	-\$33,638,652	-\$33,446,712	-\$44,646,189	-\$44,416,733	-\$65,989,639	-\$65,728,158	-\$65,448,643	-\$65,187,162	-\$64,907,994	
Unamortized Debt Expenses -- Account 181 (Note 7): enter - of FF1															
7	-\$94,988,502	-\$84,210,666	-\$83,548,840	-\$82,887,013	-\$91,809,323	-\$91,044,823	-\$93,329,458	-\$98,234,646	-\$97,372,033	-\$104,170,574	-\$103,282,384	-\$102,394,194	-\$101,506,005	-\$101,060,561	
Unamortized Loss on Reacquired Debt -- Account 189 (Note 8): enter - of FF1															
8	-\$160,292,991	-\$167,812,285	-\$166,505,416	-\$165,198,547	-\$163,891,677	-\$162,667,610	-\$161,414,861	-\$160,162,111	-\$158,909,361	-\$157,709,104	-\$156,551,520	-\$155,440,158	-\$154,328,796	-\$153,217,434	
Removal of Long Term Debt Not Financing Rate Base (Note 9)															
9	-\$76,923,077	\$0	\$0	\$0	-\$100,000,000	-\$100,000,000	-\$100,000,000	-\$100,000,000	-\$100,000,000	-\$100,000,000	-\$100,000,000	-\$100,000,000	-\$100,000,000	-\$100,000,000	-\$100,000,000
Adjustments related to "LT Debt Not Financing Rate Base" (Note 10)															
10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Preferred Stock Amount -- Account 204 (Note 11):															
11	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950
Unamortized Issuance Costs (Note 12)															
12	-\$38,577,832	-\$40,285,039	-\$40,000,504	-\$39,715,970	-\$39,431,435	-\$39,146,901	-\$38,862,366	-\$38,577,832	-\$38,293,298	-\$38,008,763	-\$37,724,229	-\$37,439,694	-\$37,155,160	-\$36,870,625	
Net Gain (Loss) From Purchase and Tender Offers (Note 13):															
13	-\$18,851,804	-\$19,365,634	-\$19,279,996	-\$19,194,357	-\$19,108,719	-\$19,023,081	-\$18,937,442	-\$18,851,804	-\$18,766,165	-\$18,680,527	-\$18,594,888	-\$18,509,250	-\$18,423,611	-\$18,337,973	
Total Proprietary Capital (Note 14):															
14	\$14,889,645,707	\$14,671,722,293	\$14,805,532,521	\$14,678,804,648	\$14,747,684,711	\$14,822,659,312	\$14,926,004,852	\$14,945,615,586	\$15,088,539,996	\$15,037,705,407	\$15,216,742,736	\$15,356,052,717	\$15,482,514,949	\$13,785,814,466	
Proprietary Capital Adjustment for Wildfire Related Capital															
14a	\$140,388,132	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,825,045,722
Unappropriated Undst. Sub. Earnings -- Acct. 216.1 (Note 15): enter - of FF1															
15	\$2,603,863	\$2,603,481	\$2,603,481	\$2,603,481	\$2,603,735	\$2,603,945	\$2,603,951	\$2,603,951	\$2,603,951	\$2,604,008	\$2,604,008	\$2,604,008	\$2,604,108	\$2,604,107	
Accumulated Other Comprehensive Loss -- Account 219 (Note 16): enter - of FF1															
16	\$20,891,771	\$18,721,643	\$22,844,512	\$22,376,228	\$20,127,638	\$21,827,335	\$21,354,352	\$21,278,442	\$20,805,458	\$20,332,475	\$20,256,565	\$19,783,581	\$19,310,598	\$22,574,194	

Instructions:

- 1) Enter 13 months of balances for capital structure for Prior Year and December previous to Prior Year in Columns 2-14.
- Beginning and End of year amounts in Columns 2 and 14 are from FERC Form 1, as referenced in below notes.

Notes:

- 1) Amount in Column 2 from FF1 112.18d, amount in Column 14 from FF1 112.18c, amounts in columns 3-13 from SCE internal records.
- 2) Amount in Column 2 from FF1 112.19d, amount in Column 14 from FF1 112.19c, amounts in columns 3-13 from SCE internal records.
- 3) Amount in Column 2 from FF1 112.20d, amount in Column 14 from FF1 112.20c, amounts in columns 3-13 from SCE internal records.
- 4) Amount in Column 2 from FF1 112.21d, amount in Column 14 from FF1 112.21c, amounts in columns 3-13 from SCE internal records.
- 5) Amount in Column 2 from FF1 112.22d, amount in Column 14 from FF1 112.22c, amounts in columns 3-13 from SCE internal records.
- 6) Amount in Column 2 from FF1 112.23d, amount in Column 14 from FF1 112.23c, amounts in columns 3-13 from SCE internal records.
- 7) Amount in Column 2 from FF1 111.69d, amount in Column 14 from FF1 111.69c, amounts in columns 3-13 from SCE internal records.
- 8) Amount in Column 2 from FF1 111.81d, amount in Column 14 from FF1 111.81c, amounts in columns 3-13 from SCE internal records.
- 9) Amounts in Columns 2-14 are from SCE internal records.
- 10) Amounts in Columns 2-14 are from SCE internal records.
- 11) Amount in Column 2 from FF1 112.3d, amount in Column 14 from FF1 112.3c, amounts in columns 3-13 from SCE internal records.
- 12) Amounts in Columns 2-14 are from SCE internal records.
- 13) Amounts in Columns 2-14 are from SCE internal records.
- 14) Amount in Column 2 from FF1 112.16d, amount in Column 14 from FF1 112.16c, amounts in columns 3-13 from SCE internal records.
- 14a) Represents Capital disclosed by SCE related to Wildfire Related Capital, not yet paid on a cash basis. Amounts in Columns 2-14 are from SCE internal records
- 15) Amount in Column 2 from FF1 112.12d, amount in Column 14 from FF1 112.12c, amounts in columns 3-13 from SCE internal records.
- 16) Amount in Column 2 from FF1 112.15d, amount in Column 14 from FF1 112.15c, amounts in columns 3-13 from SCE internal records.

Long Term Debt Cost Percentage

Prior Year: 2018

1) Calculation of "Long Term Debt Cost Percentage"

Line		Amount	Reference
1	Total Annual Cost of Outstanding Series Debt:	\$589,068,394	Line 200, Col 10
2	Total Annual Amortized Loss on Reacquired Debt:	\$14,594,851	FF1 117.64c
3	Total Annual Cost of Debt:	\$603,663,245	= L1 + L2
4			
5	Total "Principal Amount Outstanding" Debt:	\$13,008,390,000	Line 200, Col 5
6	Total Reacquired Debt:	\$0	Line 203, Col 5
7	Total Unamortized Loss on Reacquired Debt:	-\$153,217,434	5-ROR-2, Line 8, Col. 14 (Negative of FF1 111.81c)
8	Composite Tax Rate:	27.9836%	1-BasetRR, Line 59
9	After-Tax Total Unamortized Loss on Reacquired Debt:	-\$110,341,680	= L7 * (1 - L8)
10	Total Debt Balance:	\$12,898,048,320	= L5 + L6 + L9
11			
12	Long Term Debt Cost Percentage:	4.6803%	= L3 / L10

2) Long Term Debt Information for each Outstanding Series

Col 1 FF1 256, Col a	Col 2 FF1 256, Col d	Col 3 FF1 256, Col e	Col 4 FF1 256, Col a	Col 5 FF1 257, Col h	Col 6 Note 1	Col 7 FF1 256, Col c	Col 8 = Col 5 - Col 7	Col 9 Note 3	Col 10 = Col 5 * Col 9		
									Note 2		
Line	Series	Date of Offering	Maturity Date	Coupon Rate	Principal Amount Outstanding (\$000s)	Amortization Period (Years)	Net Discount & Issuance Cost (\$000s)	Net Proceeds (\$000s)	Cost of Money	Annual Cost (\$000s)	Comments: See below
101	Series 2004B	1/14/2004	1/15/2034	6.000%	\$525,000	30.0	\$8,280	\$516,720	6.115%	\$32,106	
102	Series 2004G	3/23/2004	4/1/2035	5.750%	\$350,000	31.0	\$3,217	\$346,784	5.814%	\$20,350	
103	Series 2005B	1/19/2005	1/15/2036	5.550%	\$250,000	31.0	\$3,074	\$246,926	5.634%	\$14,086	
104	Series 2005E	6/27/2005	7/15/2035	5.350%	\$350,000	30.0	\$3,231	\$346,770	5.413%	\$18,944	
105	Series 2006A	1/31/2006	2/1/2036	5.625%	\$350,000	30.0	\$4,288	\$345,713	5.711%	\$19,988	
106	Series 2006E	12/11/2006	1/15/2037	5.550%	\$400,000	30.0	\$6,176	\$393,824	5.658%	\$22,630	
107	Series 2008A	1/22/2008	2/1/2038	5.950%	\$600,000	30.0	\$9,110	\$590,890	6.060%	\$36,363	
108	Series 2008B	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1
109	Series 2009A	3/20/2009	3/15/2039	6.050%	\$500,000	30.0	\$8,470	\$491,530	6.175%	\$30,874	
110	Series 2010A	3/11/2010	3/15/2040	5.500%	\$500,000	30.0	\$11,365	\$488,635	5.658%	\$28,291	
111	Series 2010B	8/30/2010	9/1/2040	4.500%	\$500,000	30.0	\$8,505	\$491,495	4.605%	\$23,026	
112	Series 2011A	5/17/2011	6/1/2021	3.875%	\$500,000	10.0	\$7,170	\$492,830	4.051%	\$20,254	
113	Series 2011E	11/12/2011	12/1/2041	3.900%	\$250,000	30.0	\$4,118	\$245,883	3.995%	\$9,987	
114	Series 2012A	3/13/2012	3/15/2042	4.050%	\$400,000	30.0	\$9,028	\$390,972	4.183%	\$16,731	
115	Series 2013A	3/7/2013	3/15/2043	3.900%	\$400,000	30.0	\$6,710	\$393,290	3.996%	\$15,986	
116	Series 2013C	10/2/2013	10/1/2023	3.500%	\$600,000	10.0	\$6,269	\$593,731	3.626%	\$21,753	
117	Series 2013D	10/2/2013	10/1/2043	4.650%	\$800,000	30.0	\$13,852	\$786,148	4.759%	\$38,072	
118	Series 2015A	1/26/2015	2/1/2022	1.845%	\$275,000	7.0	\$4,452	\$270,548	2.095%	\$5,761	
119	Series 2015B	1/26/2015	2/1/2022	2.400%	\$325,000	7.0	\$2,668	\$322,332	2.529%	\$8,218	
120	Series 2015C	1/26/2015	2/1/2045	3.600%	\$425,000	30.0	\$6,310	\$418,690	3.682%	\$15,649	
121	Series 2017A	3/24/2017	4/1/2047	4.000%	\$1,000,000	30.0	-\$10,736	\$1,010,736	3.939%	\$39,387	
122	Series 2018A	3/5/2018	3/1/2021	2.900%	\$350,000	3.0	\$2,095	\$347,905	3.111%	\$10,887	2
123	Series 2018B	3/5/2018	3/1/2028	3.650%	\$400,000	10.0	\$4,034	\$395,966	3.772%	\$15,088	
124	Series 2018C	3/5/2018	3/1/2048	4.125%	\$1,300,000	30.0	\$25,240	\$1,274,760	4.240%	\$55,120	
125	Series 2018D	6/4/2018	6/1/2023	3.400%	\$300,000	5.0	\$2,550	\$297,450	3.587%	\$10,762	
126	Series 2018E	8/2/2018	8/1/2025	3.700%	\$300,000	7.0	\$23,436	\$276,564	5.038%	\$15,115	
127	SONGS_2006A	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	3
128	SONGS_2006B	4/5/2013	4/1/2028	1.900%	\$38,500	15.0	\$325	\$38,175	1.965%	\$757	
129	SONGS 2006C&D	4/12/2006	11/1/2033	2.625%	\$135,000	28.0	\$2,490	\$132,510	2.720%	\$3,671	
130	CLARK COUNTY 2010	4/1/2015	6/1/2031	1.875%	\$75,000	16.0	\$874	\$74,126	1.960%	\$1,470	
131	4CRNRS 2011	4/1/2015	4/1/2029	1.875%	\$55,540	14.0	\$995	\$54,545	2.023%	\$1,123	
132	Series PV2000AB	3/1/2004	6/1/2035	5.000%	\$144,400	31.0	\$1,300	\$143,100	5.058%	\$7,304	
133	Series 4CRNRS 05AB	4/1/2015	4/1/2029	1.875%	\$203,460	14.0	\$2,271	\$201,189	1.967%	\$4,001	
134	SONGS 2010A	9/21/2010	9/1/2029	4.500%	\$100,000	19.0	\$2,000	\$98,000	4.660%	\$4,660	
135	CPCFA SONGS 2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4
136	6.65% Notes	4/1/1999	4/1/2029	6.650%	\$300,000	30.0	\$4,827	\$295,173	6.776%	\$20,328	
137	Ft. Irwin Loan	9/1/2003	9/1/2053	5.060%	\$6,490	50.0	\$6,490	5.060%		\$328	5

Comments for Section 2 "Long Term Debt Information for each Outstanding Series":

Comment #: Comment

1	Series 2008B matured in March 2018
2	Excludes fuel portion of \$100 million
3	SONGS 2006A matured in April 2018
4	GS 2011 matured in April 2018
5	Principal amount reduces over time. FF1 amount reflects principal balance on the date of offering
...	

200 Total Principal Amount Outstanding (sum of above * 1,000): \$13,008,390,000 Total Annual Cost (sum of above * 1,000): \$589,068,393.99

3) Long Term Debt Information for each Reacquired Series

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>
201	Series	Date of Offering	Maturity Date	Coupon Rate	Principal Amount (\$000s)
201	CPCFA SONGS 2011	n/a	n/a	n/a	CPCFA SONGS 2011 matured in April 2018
202	...				
203		Total Principal Amount (sum of above * 1,000):		\$0	

Comments for Section 3 "Long Term Debt Information for each Reacquired Series":

Comment #: Comment

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Notes:

- 1) Equal to maturity date less the date of offering year
- 2) Sum of all amounts for each issuance
- 3) 18 CFR 35.13 (22) Statement AV - Rate of Return (ii)(B)(6) Cost of money
- 4) Excludes debt, or portions thereof, that does not finance Rate Base

Preferred Stock Cost Percentage

Prior Year: 2018

1) Calculation of "Preferred Stock Cost Percentage"

<u>Line</u>		<u>Amount</u>	<u>Reference</u>
1	Total Annual Cost of Preferred Stock:	\$126,019,184	Line 112, Col 9
2	Total Reacquired Preferred Stock Cost:	\$1,027,661	Line 310, Col 6
3	Total Annual Cost of Preferred:	\$127,046,845	= L1 + L2
4			
5	Total Preferred Stock Amount Outstanding:	\$2,245,054,950	FF1 112.3c
6	Net Gain (Loss) from Purchase and Tender Offers:	\$18,337,973	Line 310, Col 4
7	Total Preferred Balance:	\$2,226,716,977	= L5 - L6
8			
9	Preferred Stock Cost Percentage:	5.7056%	= L3 / L7

2) Preferred Stock Information for each Outstanding Series

<u>Col 1</u> FF1 250, Col a	<u>Col 2</u> SCE Records	<u>Col 3</u> FF1 250, Col a	<u>Col 4</u> FF1 251, Col f	<u>Col 5</u> Sec 3, Col 2	<u>Col 6</u> = Col 4 - Col 5	<u>Col 7</u> = Col 6 / Col 4	<u>Col 8</u> = Col 3 / Col 7	<u>Col 9</u> = Col 4 * Col 8 Note 1
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<u>Line</u>	<u>Preferred Stock</u>	<u>Issue Date</u>	<u>Dividend Rate</u>	<u>Face Value / Amount Outstanding (\$000s)</u>	<u>Total Issuance Cost (\$000s)</u>	<u>Net Proceeds at Issuance (\$000s)</u>	<u>% of Face Value</u>	<u>Cost of Money / Effective Rate</u>	<u>Annualized Cost (\$000s)</u>	<u>Notes</u>
101	\$25 Par Value 4.32% Series	5/8/1947	4.320%	\$41,336	-\$763	\$42,099	101.8%	4.242%	\$1,753	
102	\$25 Par Value 4.08% Series	5/19/1950	4.080%	\$16,250	-\$40	\$16,290	100.2%	4.0700%	\$661	
103	\$25 Par Value 4.24% Series	2/15/1956	4.240%	\$30,000	-\$84	\$30,084	100.3%	4.228%	\$1,268	
104	\$25 Par Value 4.78% Series	2/10/1958	4.780%	\$32,419	-\$50	\$32,469	100.2%	4.773%	\$1,547	
105	Series E	1/17/2012	6.250%	\$350,000	\$5,957	\$344,043	98.3%	6.483%	\$22,689	
106	Series G	1/29/2013	5.100%	\$400,010	\$12,972	\$387,038	96.8%	5.317%	\$21,268	
107	Series H	3/6/2014	5.750%	\$275,010	\$6,272	\$268,738	97.7%	6.056%	\$16,654	
108	Series J	8/24/2015	5.375%	\$325,010	\$6,420	\$318,590	98.0%	5.635%	\$18,313	
109	Series K	3/8/2016	5.450%	\$300,010	\$6,960	\$293,050	97.7%	5.757%	\$17,271	
110	Series L	6/26/2017	5.000%	\$475,010	\$12,801	\$462,209	97.3%	5.177%	\$24,593	
111	...									
112										

Total Annual Cost (sum of above * 1,000): \$126,019,184

3) Preferred Stock Issuance Cost Details for each Outstanding Series

<u>Col 1</u> Same list as in Section 2	<u>Col 2</u> SCE Records	<u>Col 3</u> SCE Records	<u>Col 4</u>	
<u>Line</u>	<u>Preferred Stock</u>	<u>Total Issuance Cost (\$000s)</u>	<u>Full Amortization Period</u>	<u>Notes</u>
201	\$25 Par Value 4.32% Series	-\$763	---	30
202	\$25 Par Value 4.08% Series	-\$40	---	30
203	\$25 Par Value 4.24% Series	-\$84	---	30
204	\$25 Par Value 4.78% Series	-\$50	---	30
205	Series E	\$5,957	1836.830775	10
206	Series G	\$12,972	10413.86373	30
207	Series H	\$6,272	3240.7183	10
208	Series J	\$6,420	4279.718667	10
209	Series K	\$6,960	4987.863833	10
210	Series L	\$12,801	12160.589	30
211	...			

4) Reacquired Preferred Stock Information

	<u>Col 1</u> SCE Records	<u>Col 2</u> SCE Records	<u>Col 3</u> SCE Records	<u>Col 4</u> SCE Records	<u>Col 5</u> SCE Records	<u>Col 6</u> Col 3 / Col 5	
<u>Line</u>	<u>Preferred Stock</u>	<u>Call Date</u>	<u>Total Issuance Cost (\$000s)</u>	<u>Net Gain (Loss) from Purchase and Tender Offers (\$000s)</u>	<u>Amortization Period</u>	<u>Issuance Amortization Cost (\$000s)</u>	<u>Notes</u>
301	8.540% Preferred, premium	11/1/1985	-\$287	-\$7	34	-\$8	Net gain from open-market purchase of 67,400 shares in November 1985
302	12.000% Preferred, redemption	2/1/1986	\$6,248	\$199	34	\$184	Redemption premium paid to holders (so loss to company)
303	12.000% Preferred, redemption	2/1/1986	\$1,025	\$33	34	\$30	Initial issue discount
304	Series A	6/16/2012	\$0	\$0	5	\$0	Fully amortized
305	Series B	2/28/2013	\$2,586	\$2,083	30	\$86	Redeemed by Series G
306	Series C	2/28/2013	\$2,887	\$2,326	30	\$96	Redeemed by Series G
307	Series D	3/31/2016	\$2,148	\$1,557	10	\$215	Series D was redeemed by Series K
308	Series F	7/19/2017	\$12,749	\$12,147	30	\$425	Redeemed by Series L
309	...						
310	Total Annual Cost (sum of above * 1,000):			\$18,337,973		\$1,027,661	

Notes:

- 1) If issuance costs not fully amortized then the "Cost of Money Effective Rate" is the 18 CFR 35.13 (22) Statement AV - Rate of Return (ii)(B)(6) Cost of money.
If the issuance costs are fully amortized then the "Cost of Money Effective Rate" is equal to Column 3 / Column 7.

Plant In Service

Inputs are shaded yellow

1) Transmission Plant - ISO

Balances for Transmission Plant - ISO during the Prior Year, including December of previous year (See Note 1):

Prior Year: **2018**

<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>	
Line	Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Total
1	Dec 2017	\$87,876,203	164,901,118	\$569,698,023	\$3,409,447,774	\$2,283,380,922	\$364,424,080	\$1,245,933,686	\$190,222,489	\$84,920,374	\$172,640,885	\$8,573,445,554
2	Jan 2018	\$87,726,550	\$164,912,802	\$572,332,929	\$3,412,113,168	\$2,283,554,236	\$365,210,290	\$1,262,415,948	\$190,266,139	\$84,940,910	\$172,627,083	\$8,596,100,056
3	Feb 2018	\$87,725,072	\$164,931,368	\$575,091,120	\$3,418,289,127	\$2,283,947,645	\$366,128,750	\$1,263,115,451	\$190,339,338	\$84,952,339	\$172,672,088	\$8,607,192,297
4	Mar 2018	\$87,282,778	\$164,965,584	\$577,997,994	\$3,426,831,317	\$2,284,109,107	\$368,947,731	\$1,265,485,090	\$190,420,082	\$83,759,857	\$172,736,334	\$8,622,535,874
5	Apr 2018	\$87,297,163	\$164,964,204	\$581,033,321	\$3,431,680,464	\$2,284,271,822	\$370,175,481	\$1,264,883,890	\$190,542,108	\$83,819,140	\$172,689,916	\$8,631,357,509
6	May 2018	\$87,298,132	\$164,972,545	\$580,581,318	\$3,433,781,768	\$2,284,323,095	\$370,936,066	\$1,270,451,267	\$190,615,516	\$83,855,423	\$172,705,863	\$8,639,520,992
7	Jun 2018	\$87,307,462	\$165,165,006	\$585,796,088	\$3,444,242,238	\$2,284,518,162	\$371,768,074	\$1,271,328,346	\$190,661,684	\$83,878,067	\$172,883,402	\$8,657,548,529
8	Jul 2018	\$87,306,976	\$165,176,355	\$589,092,910	\$3,447,324,975	\$2,284,562,680	\$372,042,703	\$1,272,813,056	\$190,691,597	\$83,892,934	\$172,836,726	\$8,665,740,912
9	Aug 2018	\$87,330,957	\$165,183,770	\$597,444,040	\$3,455,667,216	\$2,284,539,001	\$381,776,186	\$1,288,343,514	\$190,713,761	\$83,903,902	\$172,900,765	\$8,707,803,114
10	Sep 2018	\$87,331,479	\$165,177,384	\$604,383,753	\$3,456,584,434	\$2,284,549,099	\$383,272,978	\$1,289,977,383	\$190,781,811	\$83,936,902	\$172,921,318	\$8,718,916,541
11	Oct 2018	\$87,345,207	\$165,189,259	\$607,654,477	\$3,452,212,581	\$2,284,577,055	\$384,624,602	\$1,292,243,484	\$190,831,339	\$83,961,794	\$173,487,024	\$8,722,126,822
12	Nov 2018	\$87,344,391	\$165,233,271	\$610,126,156	\$3,458,389,095	\$2,284,536,273	\$385,813,372	\$1,293,205,824	\$190,855,520	\$83,971,831	\$173,636,577	\$8,733,112,310
13	Dec 2018	\$87,352,690	\$165,261,947	\$643,675,310	\$3,459,763,553	\$2,284,709,795	\$386,542,291	\$1,311,509,387	\$190,891,202	\$83,989,219	\$173,783,603	\$8,787,478,998
14	13-Mo. Avg:	\$87,425,005	\$165,079,586	\$591,915,957	\$3,438,948,285	\$2,284,275,299	\$374,743,277	\$1,276,285,102	\$190,602,507	\$84,137,130	\$172,963,199	\$8,666,375,347

2) Distribution Plant - ISO

Balances for Distribution Plant - ISO for December of Prior Year and year before Prior Year (See Note 2)

<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	Total
Line	Mo/YR	360	361	362	Sum C2 - C4
15	Dec 2017	\$0	\$0	\$0	\$0
16	Dec 2018	\$0	\$0	\$0	\$0
17	Average:	\$0	\$0	\$0	\$0

3) ISO Transmission Plant

ISO Transmission Plant is the sum of "Transmission Plant - ISO" and "Distribution Plant - ISO"

	Amount	Source
18	Average value: \$8,666,375,347	Sum of Line 14, Col 12 and Line 17, Col 5
19	EOY Value: \$8,787,478,998	Sum of Line 13, Col 12 and Line 16, Col 5

4) General Plant + Electric Miscellaneous Intangible Plant ("G&I Plant")

General and Intangible Plant is an allocated portion of Total G&I Plant based on the Trans. W&S Allocation Factor

	Note 1 Prior Year Month	Data Source	Col 1 General Plant Balances	Col 2 Intangible Plant Balances	Col 3 Total G&I Plant Balances	Notes
20	December	FF1 206.99.b and 204.5b	\$3,102,162,333	\$1,324,870,316	\$4,427,032,649	BOY amount from previous PY
21	December	FF1 207.99.g and 205.5g	\$3,095,312,496	\$1,211,743,818	\$4,307,056,314	End of year ("EOY") amount
a) BOY/EOY Average G&I Plant						
22	Average BOY/EOY Value:		\$4,367,044,482	Average of Line 20 and 21.		
23	Transmission W&S Allocation Factor:		5.9033%	27-Allocators, Line 9		
24	General + Intangible Plant:		\$257,801,395	Line 22 * Line 23.		
b) EOY G&I Plant						
25	EOY Value:		\$4,307,056,314	Line 21.		
26	Transmission W&S Allocation Factor:		5.9033%	27-Allocators, Line 9		
27	General + Intangible Plant:		\$254,260,091	Line 25 * Line 26.		

Transmission Activity Used to Determine Monthly Transmission Plant - ISO Balances

1) Total Transmission Plant Balances by Account (See Note 3)

Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	
Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Sum C2 - C11	
28	Dec 2017	\$132,152,045	\$211,042,975	\$879,621,910	\$5,902,949,228	\$2,343,145,352	\$1,292,702,467	\$1,524,531,167	\$256,348,021	\$376,710,004	\$193,773,411	\$13,112,976,580
29	Jan 2018	\$132,002,194	\$211,061,379	\$883,614,185	\$5,912,927,542	\$2,343,801,080	\$1,300,634,528	\$1,556,508,082	\$258,389,963	\$381,423,089	\$193,796,222	\$13,174,158,265
30	Feb 2018	\$132,000,716	\$211,091,194	\$887,792,515	\$5,936,193,717	\$2,341,991,366	\$1,309,042,930	\$1,557,716,059	\$258,465,857	\$381,501,896	\$193,844,025	\$13,209,640,275
31	Mar 2018	\$131,553,679	\$211,146,072	\$892,557,739	\$5,967,886,747	\$2,338,465,088	\$1,335,127,949	\$1,565,033,201	\$259,085,544	\$380,559,669	\$193,910,445	\$13,275,326,131
32	Apr 2018	\$131,563,543	\$211,143,564	\$897,155,828	\$5,986,255,168	\$2,339,813,420	\$1,346,959,846	\$1,563,864,931	\$264,372,295	\$382,209,406	\$193,791,233	\$13,317,129,234
33	May 2018	\$131,562,039	\$211,156,537	\$896,518,649	\$5,995,211,917	\$2,340,779,688	\$1,354,095,466	\$1,573,775,490	\$265,260,198	\$383,575,877	\$193,807,913	\$13,345,743,773
34	Jun 2018	\$131,571,369	\$211,464,950	\$904,257,705	\$6,016,839,046	\$2,341,316,407	\$1,360,640,150	\$1,575,001,854	\$265,658,046	\$385,903,312	\$193,987,418	\$13,386,640,254
35	Jul 2018	\$131,570,853	\$211,482,836	\$909,225,319	\$6,028,396,139	\$2,341,638,296	\$1,364,401,442	\$1,577,651,216	\$265,816,143	\$386,315,435	\$193,941,498	\$13,410,439,175
36	Aug 2018	\$131,590,862	\$211,494,702	\$916,991,328	\$6,041,683,890	\$2,354,634,553	\$1,456,568,002	\$1,608,031,924	\$266,024,387	\$386,759,045	\$194,055,427	\$13,567,834,120
37	Sep 2018	\$131,591,383	\$211,483,746	\$927,495,762	\$6,045,058,099	\$2,358,493,307	\$1,470,663,403	\$1,611,187,771	\$268,039,958	\$389,890,506	\$194,084,632	\$13,607,988,567
38	Oct 2018	\$131,602,725	\$211,502,720	\$932,408,822	\$6,028,403,511	\$2,356,531,854	\$1,483,457,844	\$1,615,595,396	\$267,202,745	\$390,891,957	\$195,116,886	\$13,612,714,460
39	Nov 2018	\$131,605,853	\$211,571,363	\$936,123,141	\$6,051,481,092	\$2,356,826,642	\$1,492,485,756	\$1,617,144,681	\$270,411,211	\$398,292,964	\$195,317,099	\$13,661,259,803
40	Dec 2018	\$131,612,781	\$211,617,314	\$983,751,073	\$6,072,137,167	\$2,355,779,001	\$1,500,195,881	\$1,653,093,431	\$271,487,039	\$399,339,545	\$195,497,058	\$13,774,510,290

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2) Total Transmission Activity by Account (See Note 4):

<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
41 Jan 2018	-\$149,851	\$18,404	\$3,992,276	\$9,978,314	\$655,728	\$7,932,061	\$31,976,915	\$2,041,942	\$4,713,085	\$22,811	\$61,181,685
42 Feb 2018	-\$1,478	\$29,815	\$4,178,330	\$23,266,175	-\$1,809,714	\$8,408,402	\$1,207,977	\$75,893	\$78,807	\$47,803	\$35,482,010
43 Mar 2018	-\$447,037	\$54,878	\$4,765,224	\$31,693,030	-\$3,526,280	\$26,085,020	\$7,317,142	\$619,688	-\$942,227	\$66,420	\$65,685,856
44 Apr 2018	\$9,865	-\$2,509	\$4,598,088	\$18,368,421	\$1,348,334	\$11,831,897	-\$1,168,270	\$5,286,750	\$1,649,737	-\$119,212	\$41,803,102
45 May 2018	-\$1,505	\$12,973	-\$637,179	\$8,956,749	\$966,267	\$7,135,620	\$9,910,560	\$887,903	\$1,366,472	\$16,680	\$28,614,540
46 Jun 2018	\$9,330	\$308,412	\$7,739,056	\$21,627,129	\$536,720	\$6,544,684	\$1,226,363	\$397,849	\$2,327,434	\$179,504	\$40,896,481
47 Jul 2018	-\$516	\$17,887	\$4,967,614	\$11,557,094	\$321,889	\$3,761,292	\$2,649,362	\$158,096	\$412,123	-\$45,919	\$23,798,921
48 Aug 2018	\$20,009	\$11,866	\$7,766,009	\$13,287,751	\$12,996,257	\$92,166,560	\$30,380,708	\$208,245	\$443,611	\$113,929	\$157,394,944
49 Sep 2018	\$522	-\$10,955	\$10,504,434	\$3,374,208	\$3,858,754	\$14,095,401	\$3,155,847	\$2,015,571	\$3,131,461	\$29,205	\$40,154,447
50 Oct 2018	\$11,342	\$18,974	\$4,913,060	-\$16,654,588	-\$1,961,452	\$12,794,441	\$4,407,625	-\$837,213	\$1,001,451	\$1,032,254	\$4,725,893
51 Nov 2018	\$3,129	\$68,643	\$3,714,319	\$23,077,581	\$294,788	\$9,027,912	\$1,549,286	\$3,208,467	\$7,401,007	\$200,213	\$48,545,343
52 Dec 2018	\$6,928	\$45,951	\$47,627,932	\$20,656,075	-\$1,047,641	\$7,710,125	\$35,948,750	\$1,075,828	\$1,046,581	\$179,959	\$113,250,487
53 Total:	-\$539,264	\$574,339	\$104,129,163	\$169,187,939	\$12,633,649	\$207,493,414	\$128,562,264	\$15,139,018	\$22,629,542	\$1,723,647	\$661,533,710

3) ISO Incentive Plant Balances (See Note 5)

<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
54 Dec 2017	\$20,866,624	\$95,067,405	\$273,150,052	\$1,176,074,826	\$1,762,377,599	\$154,450,782	\$818,269,307	\$189,937,751	\$82,820,739	\$146,444,294	\$4,719,459,379
55 Jan 2018	\$20,716,896	\$95,067,934	\$273,150,546	\$1,176,090,778	\$1,762,553,462	\$154,393,454	\$818,604,627	\$189,980,222	\$82,841,987	\$146,386,551	\$4,719,786,457
56 Feb 2018	\$20,715,417	\$95,067,829	\$273,152,501	\$1,176,075,018	\$1,762,935,232	\$154,427,757	\$818,774,251	\$190,053,420	\$82,853,426	\$146,428,196	\$4,720,483,047
57 Mar 2018	\$20,271,315	\$95,067,750	\$272,452,646	\$1,176,229,749	\$1,763,077,211	\$154,500,278	\$815,988,109	\$190,133,846	\$81,660,982	\$146,489,833	\$4,715,871,721
58 Apr 2018	\$20,283,976	\$95,068,241	\$272,454,931	\$1,176,180,915	\$1,763,246,190	\$154,476,253	\$815,977,852	\$190,252,825	\$81,720,506	\$146,530,781	\$4,716,192,471
59 May 2018	\$20,284,001	\$95,068,893	\$272,362,324	\$1,175,798,518	\$1,763,302,297	\$154,484,291	\$817,019,208	\$190,325,752	\$81,756,991	\$146,545,848	\$4,716,948,123
60 Jun 2018	\$20,293,331	\$95,068,893	\$272,677,903	\$1,182,213,351	\$1,763,499,169	\$154,641,942	\$817,532,298	\$190,371,713	\$81,779,985	\$146,721,029	\$4,724,799,614
61 Jul 2018	\$20,292,833	\$95,069,391	\$272,732,016	\$1,182,225,861	\$1,763,545,152	\$154,504,985	\$817,803,328	\$190,401,550	\$81,794,912	\$146,673,445	\$4,725,043,472
62 Aug 2018	\$20,315,300	\$95,069,418	\$282,218,761	\$1,188,776,363	\$1,763,590,258	\$154,507,584	\$817,858,375	\$190,423,605	\$81,805,946	\$146,677,606	\$4,741,243,217
63 Sep 2018	\$20,315,822	\$95,070,616	\$282,239,983	\$1,188,803,424	\$1,763,620,688	\$154,517,162	\$817,906,194	\$190,490,506	\$81,839,416	\$146,687,777	\$4,741,491,587
64 Oct 2018	\$20,328,640	\$95,070,708	\$282,323,226	\$1,188,881,557	\$1,763,638,134	\$154,518,009	\$817,940,619	\$190,540,557	\$81,864,456	\$146,693,541	\$4,741,799,445
65 Nov 2018	\$20,329,328	\$95,073,836	\$282,383,161	\$1,188,934,881	\$1,763,599,124	\$154,781,401	\$818,291,304	\$190,562,859	\$81,875,614	\$146,782,293	\$4,742,613,801
66 Dec 2018	\$20,337,104	\$95,073,836	\$288,607,910	\$1,183,323,684	\$1,763,766,195	\$154,686,218	\$818,206,860	\$190,597,928	\$81,893,158	\$146,889,793	\$4,743,382,686

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4) ISO Incentive Plant Activity (See Note 6)

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u> Sum C2 - C11
	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
67	Jan 2018	(\$149,728)	\$528	\$494	\$15,952	\$175,863	(\$57,328)	\$335,320	\$42,471	\$21,248	(\$57,743)	\$327,078
68	Feb 2018	(\$1,478)	(\$105)	\$1,954	(\$15,760)	\$381,770	\$34,303	\$169,623	\$73,198	\$11,439	\$41,646	\$696,590
69	Mar 2018	(\$444,103)	(\$79)	(\$699,855)	\$154,731	\$141,980	\$72,521	(\$2,786,141)	\$80,426	(\$1,192,444)	\$61,637	(\$4,611,326)
70	Apr 2018	\$12,661	\$491	\$2,285	(\$48,834)	\$168,979	(\$24,026)	(\$10,257)	\$118,979	\$59,524	\$40,948	\$320,750
71	May 2018	\$25	\$652	(\$92,607)	(\$382,397)	\$56,106	\$8,038	\$1,041,356	\$72,927	\$36,485	\$15,067	\$755,652
72	Jun 2018	\$9,330	\$0	\$315,580	\$6,414,833	\$196,873	\$157,650	\$513,090	\$45,961	\$22,994	\$175,181	\$7,851,490
73	Jul 2018	(\$498)	\$498	\$54,112	\$12,510	\$45,983	(\$136,957)	\$271,030	\$29,837	\$14,927	(\$47,584)	\$243,858
74	Aug 2018	\$22,467	\$27	\$9,486,746	\$6,550,502	\$45,106	\$2,599	\$55,048	\$22,055	\$11,034	\$4,162	\$16,199,745
75	Sep 2018	\$522	\$1,198	\$21,222	\$27,061	\$30,430	\$9,578	\$47,819	\$66,901	\$33,470	\$10,170	\$248,371
76	Oct 2018	\$12,818	\$92	\$83,243	\$78,133	\$17,446	\$847	\$34,425	\$50,051	\$25,040	\$5,764	\$307,858
77	Nov 2018	\$689	\$3,129	\$59,935	\$53,324	(\$39,010)	\$263,392	\$350,685	\$22,302	\$11,158	\$88,752	\$814,355
78	Dec 2018	<u>\$7,776</u>	<u>\$0</u>	<u>\$6,224,749</u>	<u>(\$5,611,197)</u>	<u>\$167,071</u>	<u>(\$95,183)</u>	<u>(\$84,444)</u>	<u>\$35,069</u>	<u>\$17,545</u>	<u>\$107,500</u>	<u>\$768,886</u>
79	Total:	(\$529,520)	\$6,431	\$15,457,858	\$7,248,858	\$1,388,596	\$235,436	(\$62,446)	\$660,176	(\$927,581)	\$445,499	\$23,923,307

5) Total Transmission Activity Not Including Incentive Plant Activity (See Note 7):

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u> Sum C2 - C11
	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
80	Jan 2018	-\$123	\$17,876	\$3,991,781	\$9,962,362	\$479,865	\$7,989,389	\$31,641,595	\$1,999,471	\$4,691,838	\$80,554	\$60,854,607
81	Feb 2018	\$0	\$29,920	\$4,176,375	\$23,281,935	-\$2,191,484	\$8,374,099	\$1,038,353	\$2,696	\$67,369	\$6,157	\$34,785,420
82	Mar 2018	-\$2,934	\$54,957	\$5,465,078	\$31,538,299	-\$3,668,260	\$26,012,498	\$10,103,283	\$539,262	\$250,216	\$4,783	\$70,297,182
83	Apr 2018	-\$2,796	-\$3,000	\$4,595,804	\$18,417,255	\$1,179,356	\$11,855,922	-\$1,158,013	\$5,167,771	\$1,590,213	-\$160,159	\$41,482,352
84	May 2018	-\$1,530	\$12,321	-\$544,572	\$9,339,146	\$910,161	\$7,127,582	\$8,869,204	\$814,976	\$1,329,987	\$1,613	\$27,858,887
85	Jun 2018	\$0	\$308,412	\$7,423,476	\$15,212,296	\$339,847	\$6,387,033	\$713,273	\$351,888	\$2,304,441	\$4,323	\$33,044,991
86	Jul 2018	-\$18	\$17,389	\$4,913,501	\$11,544,583	\$275,906	\$3,898,249	\$2,378,333	\$128,259	\$397,196	\$1,665	\$23,555,063
87	Aug 2018	-\$2,458	\$11,839	-\$1,720,736	\$6,737,249	\$12,951,151	\$92,163,962	\$30,325,660	\$186,190	\$432,577	\$109,767	\$141,195,200
88	Sep 2018	\$0	-\$12,154	\$10,483,212	\$3,347,148	\$3,828,324	\$14,085,823	\$3,108,028	\$1,948,670	\$3,097,991	\$19,035	\$39,906,077
89	Oct 2018	-\$1,476	\$18,882	\$4,829,817	-\$16,732,720	-\$1,978,898	\$12,793,594	\$4,373,200	-\$887,265	\$976,410	\$1,026,490	\$4,418,035
90	Nov 2018	\$2,440	\$65,514	\$3,654,384	\$23,024,257	\$333,797	\$8,764,520	\$1,198,601	\$3,186,164	\$7,389,849	\$111,461	\$47,730,988
91	Dec 2018	<u>\$849</u>	<u>\$45,951</u>	<u>\$41,403,183</u>	<u>\$26,267,272</u>	<u>-\$1,214,711</u>	<u>\$7,805,308</u>	<u>\$36,033,193</u>	<u>\$1,040,759</u>	<u>\$1,029,036</u>	<u>\$72,459</u>	<u>\$112,481,601</u>
92	Total:	-\$9,744	\$567,908	\$88,671,305	\$161,939,081	\$11,245,053	\$207,257,978	\$128,624,710	\$14,478,841	\$23,557,123	\$1,278,148	\$637,610,403

6) Total Monthly Transmission Activity as a Percent of Annual Transmission Activity (See Note 8)

	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>
93	Jan 2018	1.3%	3.1%	4.5%	6.2%	4.3%	3.9%	24.6%	13.8%	19.9%	6.3%
94	Feb 2018	0.0%	5.3%	4.7%	14.4%	-19.5%	4.0%	0.8%	0.0%	0.3%	0.5%
95	Mar 2018	30.1%	9.7%	6.2%	19.5%	-32.6%	12.6%	7.9%	3.7%	1.1%	0.4%
96	Apr 2018	28.7%	-0.5%	5.2%	11.4%	10.5%	5.7%	-0.9%	35.7%	6.8%	-12.5%
97	May 2018	15.7%	2.2%	-0.6%	5.8%	8.1%	3.4%	6.9%	5.6%	5.6%	0.1%
98	Jun 2018	0.0%	54.3%	8.4%	9.4%	3.0%	3.1%	0.6%	2.4%	9.8%	0.3%
99	Jul 2018	0.2%	3.1%	5.5%	7.1%	2.5%	1.9%	1.8%	0.9%	1.7%	0.1%
100	Aug 2018	25.2%	2.1%	-1.9%	4.2%	115.2%	44.5%	23.6%	1.3%	1.8%	8.6%
101	Sep 2018	0.0%	-2.1%	11.8%	2.1%	34.0%	6.8%	2.4%	13.5%	13.2%	1.5%
102	Oct 2018	15.1%	3.3%	5.4%	-10.3%	-17.6%	6.2%	3.4%	-6.1%	4.1%	80.3%
103	Nov 2018	-25.0%	11.5%	4.1%	14.2%	3.0%	4.2%	0.9%	22.0%	31.4%	8.7%
104	Dec 2018	8.7%	8.1%	46.7%	16.2%	-10.8%	3.8%	28.0%	7.2%	4.4%	5.7%

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4) Calculation of change in Non-Incentive ISO Plant:

A) Change in ISO Plant Balance December to December (See Note 9)

	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
105	-\$523,513	\$360,829	\$73,977,287	\$50,315,779	\$1,328,873	\$22,118,211	\$65,575,701	\$668,714	-\$931,155	\$1,142,717	\$214,033,444

B) Change in Incentive ISO Plant (See Note 10)

	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
106	-\$529,520	\$6,431	\$15,457,858	\$7,248,858	\$1,388,596	\$235,436	-\$62,446	\$660,176	-\$927,581	\$445,499	\$23,923,307

C) Change in Non-Incentive ISO Plant (See Note 11)

	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
107	\$6,007	\$354,398	\$58,519,429	\$43,066,921	-\$59,723	\$21,882,775	\$65,638,148	\$8,537	-\$3,574	\$697,219	\$190,110,137

5) Other ISO Transmission Activity without Incentive Plant Activity (See Note 12):

<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
Sum C2 - C11											
<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
108 Jan 2018	\$76	\$11,155	\$2,634,412	\$2,649,442	-\$2,549	\$843,538	\$16,146,942	\$1,179	-\$712	\$43,941	\$22,327,425
109 Feb 2018	\$0	\$18,671	\$2,756,237	\$6,191,719	\$11,639	\$884,157	\$529,879	\$2	-\$10	\$3,359	\$10,395,652
110 Mar 2018	\$1,809	\$34,295	\$3,606,728	\$8,387,459	\$19,482	\$2,746,460	\$5,155,781	\$318	-\$38	\$2,609	\$19,954,903
111 Apr 2018	\$1,724	-\$1,872	\$3,033,042	\$4,897,981	-\$6,264	\$1,251,776	-\$590,943	\$3,047	-\$241	-\$87,366	\$8,500,884
112 May 2018	\$943	\$7,689	-\$359,395	\$2,483,701	-\$4,834	\$752,546	\$4,526,021	\$481	-\$202	\$880	\$7,407,830
113 Jun 2018	\$0	\$192,462	\$4,899,190	\$4,045,637	-\$1,805	\$674,358	\$363,989	\$207	-\$350	\$2,358	\$10,176,047
114 Jul 2018	\$11	\$10,851	\$3,242,710	\$3,070,227	-\$1,465	\$411,586	\$1,213,681	\$76	-\$60	\$908	\$7,948,524
115 Aug 2018	\$1,515	\$7,388	-\$1,135,615	\$1,791,739	-\$68,784	\$9,730,884	\$15,475,410	\$110	-\$66	\$59,877	\$25,862,457
116 Sep 2018	\$0	-\$7,584	\$6,918,491	\$890,158	-\$20,332	\$1,487,214	\$1,586,050	\$1,149	-\$470	\$10,383	\$10,865,057
117 Oct 2018	\$910	\$11,783	\$3,187,482	-\$4,449,987	\$10,510	\$1,350,777	\$2,231,677	-\$523	-\$148	\$559,942	\$2,902,422
118 Nov 2018	-\$1,504	\$40,884	\$2,411,744	\$6,123,191	-\$1,773	\$925,378	\$611,655	\$1,879	-\$1,121	\$60,801	\$10,171,133
119 Dec 2018	<u>\$523</u>	<u>\$28,675</u>	<u>\$27,324,405</u>	<u>\$6,985,655</u>	<u>\$6,451</u>	<u>\$824,102</u>	<u>\$18,388,007</u>	<u>\$614</u>	<u>-\$156</u>	<u>\$39,526</u>	<u>\$53,597,802</u>
120 Total:	\$6,007	\$354,398	\$58,519,429	\$43,066,921	-\$59,723	\$21,882,775	\$65,638,148	\$8,537	-\$3,574	\$697,219	\$190,110,137

Notes:

1) Amounts on Line 13 from corresponding account Schedule 7, column 2.

Amounts on Line 1 must match corresponding account Schedule 7, Column 2 for previous year.

The amounts for each month on the remaining lines are calculated by summing the following values:

a) Other ISO Transmission Activity without Incentive Plant Activity on Lines 108-119 for the same month;

b) ISO Incentive Plant Activity on Lines 67 to 78 for the same month; and

c) The previous month balance of the Transmission Plant - ISO amounts on Lines 1-13.

For instance, the amount for May of the Prior Year (on Line 6) for Account 353 (Column 5) is the sum of the following values:

a) the "Other ISO Transmission Activity without Incentive Plant Activity" for May of the Prior Year (on Line 112, Column 5);

b) the "ISO Incentive Plant Activity" for May of the Prior Year (on Line 71, Column 5);

c) and the "Transmission Plant - ISO" amount for April of the Prior Year (on Line 5, Column 5).

2) Amounts on Line 15 must match 6-Plant Study amounts for Distribution Plant - ISO for previous year.

Amounts on Line 16 must match amounts on 6-PlantStudy for Distribution Plant - ISO.

3) Reconciles to BOY and EOY FERC Form 1 (FF1 207, Lines 48-56 , Column g).

4) Includes recorded Transmission Plant-In-Service additions, retirements, transfers and adjustments. From SCE internal accounting records.

5) Includes balances for SCE Incentive Projects.

6) Monthly differences from previous matrix. Other columns from SCE internal accounting records.

7) Amount in matrix on lines 41 to 52 minus amount in matrix on lines 67 to 78

8) Amount in "Total Transmission Activity Not Including Incentive Plant Activity" matrix divided by Total on Line 92 for each account/month.

9) Amount on Line 13 less amount on Line 1 for each account.

10) Line 79

11) Amount on Line 105 less amount on Line 106 for each account.

12) For each column (FERC Account) divide Line 107 by Line 92 to arrive at a ratio for each column.

Apply the ratio of each column to each monthly value from Lines 80-91 to calculate the values for the corresponding months listed in Lines 108-119.

Transmission Plant Study

Input cells are shaded yellow

A) Plant Classified as Transmission in FERC Form 1 for Prior Year: Prior Year: **2018**

<u>Line</u>	<u>Account</u>	<u>Total Plant</u>	<u>Data Source</u>	<u>Transmission Plant - ISO</u>	<u>ISO % of Total</u>	<u>Notes</u>
1						
2	Substation					
3	352	\$983,751,073	FF1 207.49g	\$643,675,310	65.43%	
4	353	\$6,072,137,167	FF1 207.50g	\$3,459,763,553	56.98%	
5	Total Substation	\$7,055,888,240	L 3 + L 4	\$4,103,438,863	58.16%	
6						
7	Land					
8	350	\$343,230,095	FF1 207.48g	\$252,614,637	73.60%	
9						
10	Total Substation and Land	\$7,399,118,335	L 5 + L 8	\$4,356,053,500	58.87%	
11						
12	Lines					
13	354	\$2,355,779,001	FF1 207.51g	\$2,284,709,795	96.98%	
14	355	\$1,500,195,881	FF1 207.52g	\$386,542,291	25.77%	
15	356	\$1,653,093,431	FF1 207.53g	\$1,311,509,387	79.34%	
16	357	\$271,487,039	FF1 207.54g	\$190,891,202	70.31%	
17	358	\$399,339,545	FF1 207.55g	\$83,989,219	21.03%	
18	359	\$195,497,058	FF1 207.56g	\$173,783,603	88.89%	
19	Total Lines	\$6,375,391,955	Sum L13 to L18	\$4,431,425,498	69.51%	
20						
21	Total Transmission	\$13,774,510,290	L 10 + L 19	\$8,787,478,998	63.80%	Note 1

B) Plant Classified as Distribution in FERC Form 1:

<u>Line</u>	<u>Account</u>	<u>Total Plant</u>	<u>Data Source</u>	<u>Distribution Plant - ISO</u>	<u>ISO % of Total</u>	
22						
23	Land:					
24	360	\$126,028,197	FF1 207.60g	\$0	0.00%	
25	Structures:					
26	361	\$696,502,262	FF1 207.61g	\$0	0.00%	
27	362	\$2,727,819,402	FF1 207.62g	\$0	0.00%	
28	Total Structures	\$3,424,321,664	L 26 + L 27	\$0	0.00%	
29						
30	Total Distribution	\$3,550,349,861	L 24 + L 28	\$0	0.00%	Note 2

Notes:

- 1) Total transmission does not include account 359.1 "Asset Retirement Costs for Transmission Plant"
Total on this line is also equal to FF1 207.58g (Total Transmission Plant)
less FF1 207.57g (Asset Retirement Costs for Transmission Plant).
- 2) Only accounts 360-362 included as there is no ISO plant in any other Distribution accounts.

Instructions:

- 1) Perform annual Transmission Study pursuant to instructions in tariff.
- 2) Enter total amounts of plant from FERC Form 1 in Column 1, "Total Plant".
- 3) Enter ISO portion of plant in Column 2, "Transmission Plant - ISO, or "Distribution Plant - ISO".

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Accumulated Depreciation Reserve

Input cells are shaded yellow

1) Transmission Depreciation Reserve - ISO

Prior Year: **2018**

Balances for Transmission Depreciation Reserve - ISO during the Prior Year, including December of previous year (See Note 1):

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
Line	Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Total
1	Dec 2017	\$0	\$20,570,771	\$90,912,860	\$521,029,731	\$508,793,023	\$46,422,546	\$417,546,825	\$3,830,318	\$6,981,972	\$17,589,054	\$1,633,677,100
2	Jan 2018	\$0	\$20,798,948	\$92,087,266	\$525,370,266	\$512,777,396	\$46,989,466	\$415,601,744	\$4,060,599	\$7,583,356	\$17,817,711	\$1,643,086,753
3	Feb 2018	\$0	\$21,026,259	\$93,268,363	\$524,732,155	\$523,499,858	\$47,544,016	\$418,836,044	\$4,334,840	\$7,760,131	\$18,054,407	\$1,659,056,073
4	Mar 2018	\$0	\$21,251,760	\$94,464,769	\$521,018,652	\$537,947,952	\$47,448,246	\$420,551,239	\$4,597,391	\$7,953,721	\$18,291,313	\$1,673,525,043
5	Apr 2018	\$0	\$21,481,557	\$95,660,423	\$522,236,018	\$540,169,721	\$47,882,839	\$424,162,350	\$4,758,306	\$8,267,962	\$18,546,171	\$1,683,165,347
6	May 2018	\$0	\$21,710,229	\$96,823,203	\$526,862,414	\$543,070,825	\$48,495,251	\$426,089,385	\$5,015,088	\$8,558,427	\$18,783,445	\$1,695,408,266
7	Jun 2018	\$0	\$21,917,209	\$98,045,483	\$529,295,711	\$547,410,494	\$49,136,859	\$429,399,924	\$5,282,156	\$8,938,445	\$19,020,447	\$1,708,446,728
8	Jul 2018	\$0	\$22,145,789	\$99,259,207	\$533,126,434	\$551,911,881	\$49,872,503	\$432,433,453	\$5,554,207	\$9,143,373	\$19,257,981	\$1,722,704,829
9	Aug 2018	\$0	\$22,374,792	\$100,429,256	\$538,763,635	\$524,443,769	\$47,343,603	\$430,781,746	\$5,825,027	\$9,351,580	\$19,483,744	\$1,698,797,153
10	Sep 2018	\$0	\$22,605,563	\$101,708,598	\$545,689,351	\$519,985,268	\$47,726,066	\$433,738,782	\$6,057,134	\$9,804,564	\$19,719,421	\$1,707,034,748
11	Oct 2018	\$0	\$22,834,051	\$102,959,018	\$560,132,286	\$530,173,810	\$48,159,875	\$436,487,947	\$6,351,683	\$10,062,798	\$19,846,018	\$1,737,007,485
12	Nov 2018	\$0	\$23,059,137	\$104,207,095	\$559,685,515	\$534,529,317	\$48,745,929	\$439,775,893	\$6,556,754	\$10,910,005	\$20,072,491	\$1,747,542,135
13	Dec 2018	\$0	\$23,285,719	\$105,746,316	\$558,039,638	\$542,790,391	\$49,370,280	\$437,221,587	\$6,809,024	\$11,173,141	\$20,303,394	\$1,754,739,490
14	13-Mo. Avg:	\$0	\$21,927,830	\$98,120,912	\$535,844,754	\$532,115,670	\$48,087,498	\$427,894,378	\$5,310,194	\$8,960,729	\$18,983,507	\$1,697,245,473

2) Distribution Depreciation Reserve - ISO (See Note 2)

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	
	Mo/YR	360	361	362	Total	Notes
15	Dec 2017	\$0	\$0	\$0	\$0	Beginning of Year ("BOY") amount
16	Dec 2018	\$0	\$0	\$0	\$0	End of Year ("EOY") amount
17	BOY/EOY Average:	\$0	\$0	\$0	\$0	Average of Line 15 and Line 16

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3) General and Intangible Depreciation Reserve

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u> =C4+C5	<u>Col 4</u>	<u>Col 5</u>		
			Total	Gen. and Int. Depreciation Reserve	General Depreciation Reserve	Intangible Depreciation Reserve	Source
	Mo/YR						
18	Dec 2017	BOY:	\$1,736,829,507	\$1,094,912,964	\$641,916,543		FF1 219.28c and 200.21c for previous year
19	Dec 2018	EOY:	\$1,612,060,674	\$1,060,652,423	\$551,408,251		FF1 219.28c and 200.21c
20		BOY/EOY Average:	\$1,674,445,091				Average of Line 18 and Line 19

a) Average BOY/EOY General and Intangible Depreciation Reserve

	<u>Amount</u>	<u>Source</u>
21	Total G+I Dep. Reserve on Average BOY/EOY basis:	\$1,674,445,091 Line 20
22	Transmission W&S Allocation Factor:	5.9033% 27-Allocators, Line 9
23	G + I Plant Dep. Reserve (BOY/EOY Average):	\$98,848,153 Line 21 * Line 22

b) EOY General and Intangible Depreciation Reserve

	<u>Amount</u>	<u>Source</u>
24	Total G+I Dep. Reserve on Average EOY basis:	\$1,612,060,674 Line 19
25	Transmission W&S Allocation Factor:	5.9033% 27-Allocators, Line 9
26	G + I Plant Dep. Reserve (EOY):	\$95,165,390 Line 24 * Line 25

Transmission Activity Used to Determine Monthly Transmission Depreciation Reserve - ISO Balances

1) ISO Depreciation Expense (See Note 3)

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u> Sum C2 - C11
	Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Total
27	Jan 2018	\$0	\$229,487	\$1,144,144	\$8,069,026	\$5,194,692	\$862,470	\$3,364,021	\$274,237	\$170,548	\$237,381	\$19,546,007
28	Feb 2018	\$0	\$229,504	\$1,149,435	\$8,075,334	\$5,195,086	\$864,331	\$3,408,523	\$274,300	\$170,590	\$237,362	\$19,604,466
29	Mar 2018	\$0	\$229,529	\$1,154,975	\$8,089,951	\$5,195,981	\$866,505	\$3,410,412	\$274,406	\$170,613	\$237,424	\$19,629,795
30	Apr 2018	\$0	\$229,577	\$1,160,813	\$8,110,167	\$5,196,348	\$873,176	\$3,416,810	\$274,522	\$168,218	\$237,512	\$19,667,144
31	May 2018	\$0	\$229,575	\$1,166,909	\$8,121,644	\$5,196,718	\$876,082	\$3,415,187	\$274,698	\$168,337	\$237,449	\$19,686,598
32	Jun 2018	\$0	\$229,587	\$1,166,001	\$8,126,617	\$5,196,835	\$877,882	\$3,430,218	\$274,804	\$168,410	\$237,471	\$19,707,824
33	Jul 2018	\$0	\$229,855	\$1,176,474	\$8,151,373	\$5,197,279	\$879,851	\$3,432,587	\$274,871	\$168,455	\$237,715	\$19,748,459
34	Aug 2018	\$0	\$229,870	\$1,183,095	\$8,158,669	\$5,197,380	\$880,501	\$3,436,595	\$274,914	\$168,485	\$237,650	\$19,767,160
35	Sep 2018	\$0	\$229,881	\$1,199,867	\$8,178,412	\$5,197,326	\$903,537	\$3,478,527	\$274,946	\$168,507	\$237,739	\$19,868,742
36	Oct 2018	\$0	\$229,872	\$1,213,804	\$8,180,583	\$5,197,349	\$907,079	\$3,482,939	\$275,044	\$168,573	\$237,767	\$19,893,010
37	Nov 2018	\$0	\$229,888	\$1,220,373	\$8,170,236	\$5,197,413	\$910,278	\$3,489,057	\$275,115	\$168,623	\$238,545	\$19,899,529
38	Dec 2018	\$0	\$229,950	\$1,225,337	\$8,184,854	\$5,197,320	\$913,092	\$3,491,656	\$275,150	\$168,643	\$238,750	\$19,924,752
39	Total:	\$0	\$2,756,575	\$14,161,225	\$97,616,869	\$62,359,727	\$10,614,785	\$41,256,532	\$3,297,007	\$2,028,002	\$2,852,765	\$236,943,486

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2) Total Transmission Allocation Factors (See Note 4)

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>
	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>
40	Jan 2018	1.3%	3.1%	4.5%	6.2%	4.3%	3.9%	24.6%	13.8%	19.9%	6.3%
41	Feb 2018	0.0%	5.3%	4.7%	14.4%	-19.5%	4.0%	0.8%	0.0%	0.3%	0.5%
42	Mar 2018	30.1%	9.7%	6.2%	19.5%	-32.6%	12.6%	7.9%	3.7%	1.1%	0.4%
43	Apr 2018	28.7%	-0.5%	5.2%	11.4%	10.5%	5.7%	-0.9%	35.7%	6.8%	-12.5%
44	May 2018	15.7%	2.2%	-0.6%	5.8%	8.1%	3.4%	6.9%	5.6%	5.6%	0.1%
45	Jun 2018	0.0%	54.3%	8.4%	9.4%	3.0%	3.1%	0.6%	2.4%	9.8%	0.3%
46	Jul 2018	0.2%	3.1%	5.5%	7.1%	2.5%	1.9%	1.8%	0.9%	1.7%	0.1%
47	Aug 2018	25.2%	2.1%	-1.9%	4.2%	115.2%	44.5%	23.6%	1.3%	1.8%	8.6%
48	Sep 2018	0.0%	-2.1%	11.8%	2.1%	34.0%	6.8%	2.4%	13.5%	13.2%	1.5%
49	Oct 2018	15.1%	3.3%	5.4%	-10.3%	-17.6%	6.2%	3.4%	-6.1%	4.1%	80.3%
50	Nov 2018	-25.0%	11.5%	4.1%	14.2%	3.0%	4.2%	0.9%	22.0%	31.4%	8.7%
51	Dec 2018	8.7%	8.1%	46.7%	16.2%	-10.8%	3.8%	28.0%	7.2%	4.4%	5.7%

3) Calculation of Non-Incentive ISO Reserve

A) Change in Depreciation Reserve - ISO (See Note 5)

	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
52	\$0	\$2,714,948	\$14,833,456	\$37,009,906	\$33,997,368	\$2,947,735	\$19,674,763	\$2,978,706	\$4,191,169	\$2,714,340	\$121,062,390

B) Total Depreciation Expense (See Note 6)

	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
53	\$0	\$2,756,575	\$14,161,225	\$97,616,869	\$62,359,727	\$10,614,785	\$41,256,532	\$3,297,007	\$2,028,002	\$2,852,765	\$236,943,486

C) Other Activity (See Note 7)

	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
54	\$0	-\$41,628	\$672,231	-\$60,606,962	-\$28,362,359	-\$7,667,050	-\$21,581,769	-\$318,301	\$2,163,167	-\$138,425	-\$115,881,096

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4) Other Transmission Activity (See Note 8)

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u> Sum C2 - C11
	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
55	Jan 2018	\$0	-\$1,310	\$30,262	-\$3,728,491	-\$1,210,319	-\$295,550	-\$5,309,101	-\$43,956	\$430,835	-\$8,724	-\$10,136,355
56	Feb 2018	\$0	-\$2,193	\$31,662	-\$8,713,445	\$5,527,377	-\$309,781	-\$174,224	-\$59	\$6,186	-\$667	-\$3,635,145
57	Mar 2018	\$0	-\$4,028	\$41,432	-\$11,803,454	\$9,252,113	-\$962,275	-\$1,695,216	-\$11,855	\$22,976	-\$518	-\$5,160,825
58	Apr 2018	\$0	\$220	\$34,842	-\$6,892,801	-\$2,974,580	-\$438,584	\$194,301	-\$113,608	\$146,024	\$17,345	-\$10,026,840
59	May 2018	\$0	-\$903	-\$4,128	-\$3,495,248	-\$2,295,615	-\$263,669	-\$1,488,152	-\$17,916	\$122,128	-\$175	-\$7,443,679
60	Jun 2018	\$0	-\$22,607	\$56,279	-\$5,693,320	-\$857,165	-\$236,274	-\$119,679	-\$7,736	\$211,609	-\$468	-\$6,669,363
61	Jul 2018	\$0	-\$1,275	\$37,250	-\$4,320,650	-\$695,892	-\$144,207	-\$399,057	-\$2,820	\$36,473	-\$180	-\$5,490,358
62	Aug 2018	\$0	-\$868	-\$13,045	-\$2,521,468	-\$32,665,492	-\$3,409,402	-\$5,088,302	-\$4,093	\$39,722	-\$11,888	-\$43,674,836
63	Sep 2018	\$0	\$891	\$79,475	-\$1,252,696	-\$9,655,827	-\$521,074	-\$521,492	-\$42,839	\$284,478	-\$2,061	-\$11,631,146
64	Oct 2018	\$0	-\$1,384	\$36,616	\$6,262,351	\$4,991,192	-\$473,271	-\$733,773	\$19,506	\$89,660	-\$111,170	\$10,079,726
65	Nov 2018	\$0	-\$4,802	\$27,704	-\$8,617,007	-\$841,906	-\$324,224	-\$201,112	-\$70,044	\$678,584	-\$12,071	-\$9,364,879
66	Dec 2018	\$0	-\$3,368	\$313,884	-\$9,830,731	-\$3,063,754	-\$288,740	-\$6,045,962	-\$22,880	\$94,493	-\$7,847	-\$12,727,397
67	Total:	\$0	-\$41,628	\$672,231	-\$60,606,962	-\$28,362,359	-\$7,667,050	-\$21,581,769	-\$318,301	\$2,163,167	-\$138,425	-\$115,881,096

Notes:

- 1) Amounts on Line 13 based on current year Plant Study. Amounts on Line 1 shall be based on previous year Plant Study, and shall match amounts on Line 13 in previous year Annual Update.
- The amounts for each month on the remaining lines are calculated by summing the following values:
 - a) Depreciation Expense (on Lines 27 to 38) for the same month;
 - b) Other Transmission Activity (on Lines 55 to 66) for the same month; and
 - c) Balances for Transmission Depreciation Reserve (on Lines 1 to 13) for the previous month.
- For instance, the amount for May of the Prior Year (on Line 6) for Account 353 (Column 5) is the sum of the following values:
 - a) Depreciation Expense for May of the Prior Year (on Line 44, Column 5);
 - b) Other Transmission Activity for May of the Prior Year (on Line 59, Column 5); and
 - c) The balances for Transmission Depreciation Reserve for April of the Prior Year (on Line 5, column 5).
- 2) Amounts on Line 15 derived from Plant Study for previous year Prior Year.
Amounts on Line 16 derived from Plant Study for Prior Year.
- 3) From 17-Depreciation, Lines 24 to 35.
- 4) From 6-PlantInService, Lines 93 to 104.
- 5) Line 13 - Line 1.
- 6) Line 39.
- 7) Line 52 - Line 53.
- 8) Multiply the monthly "Total Transmission Allocation Factors" ratios found in Lines 40-51 by the "Other Activity" on Line 54.

Accumulated Deferred Income Taxes and Net Excess Deferred Tax Liabilities

Cells shaded yellow are input cells

1) Summary of Accumulated Deferred Income Taxes and Net Excess Deferred Tax Liabilities

a) End of Year Accumulated Deferred Income Taxes and Net Excess Deferred Tax Liabilities

<u>Line</u>	<u>Account</u>	<u>Total Balance</u>	<u>Source</u>
1	Account 190	\$85,540,798	Line 353, Col. 2
2	Account 282	-\$1,162,146,512	Line 452, Col. 2
3	Account 283	-\$15,214,646	Line 803, Col. 2
4	Net Excess/Deficient Deferred Tax Liability/Asset - 2017 TCAJA	-\$51,111,771	FF1.278, see Notes 4 and 5
5	Total Accumulated Deferred Income Taxes	-\$1,642,932,131	Sum of Lines 1 to 4
6	and Net Excess Deferred Tax Liabilities		

b) Beginning of Year Accumulated Deferred Income Taxes and Net Excess Deferred Tax Liabilities

<u>Line</u>	<u>BOY Balance</u>	<u>Source</u>
10	Total Accumulated Deferred Income Taxes	-\$1,649,088,770 Previous Year Informational Filing, Line 5, Col. 2

c) Prorata Average of Beginning and End of Year Accumulated Deferred Income Taxes and Net Excess Deferred Tax Liabilities

<u>Line</u>	<u>Average ADIT</u>	<u>Source</u>
15	Prorata Average Balance: -\$1,646,253,624	Line 817, Column 8

2) Account 190 Detail

	<u>Col 1</u>	<u>Col 2</u> END BAL per G/L	<u>Col 3</u> Gas, Generation or Other Related	<u>Col 4</u> ISO Only	<u>Col 5</u> Plant Related	<u>Col 6</u> Labor Related	<u>Col 7</u> (Instructions 1&2) Description
	<u>ACCT 190</u>	<u>DESCRIPTION</u>					
	Electric:						
100	190.000 Amort of Debt Issuance Cost	\$672,292	\$614		\$671,678		C: Relates primarily to Regulated Electric Property
101	190.000 Executive Incentive Comp	\$2,228,654	\$7,147			\$2,221,507	C: Relates to employees in all functions
102	190.000 Bond Discount Amort	\$801,941	\$732		\$801,209		C: Relates primarily to Regulated Electric Property
103	190.000 Executive Incentive Plan	\$1,143,688	\$3,668			\$1,140,020	C: Relates to employees in all functions
104	190.000 Ins - Inj/Damages Prov	\$28,251,649	\$90,600			\$28,161,049	C: Relates to employees in all functions
105	190.000 Accrued Vacation	\$13,408,092	\$42,998			\$13,365,094	C: Relates to employees in all functions
106	190.000 Amortization of Debt Expense	\$1,141,054	\$1,041		\$1,140,013		C: Relates primarily to Regulated Electric Property
107	190.000 Wildfire Reserve	\$746,882,284	\$2,395,173			\$744,487,111	C: Relates primarily to Regulated Electric Property
108	190.000 Decommissioning	\$339,698,463	\$339,698,463				Relates to Nuclear Decommissioning Costs
109	190.000 Balancing Accounts	-\$11,619,374	-\$11,619,374				Relates Entirely to CPUC Balancing Account Recovery
110	190.000 Pension & PBOP	\$40,171,080	\$128,824			\$40,042,256	C: Relates to employees in all functions
111	190.000 Property/Non-ISO	\$6,547,986	\$6,547,986				Non-Rate Base Property
112	190.000 Regulatory Assets/Liab	\$36,181,620	\$36,181,620				Relates to Nonrecovery Balancing Account
113	190.000 Temp - Other/Non-ISO	\$868,848,855	\$868,848,855				Not Component of Rate Base
114	190.000 Net Operating Losses DTA	\$192,399,428			\$192,399,428		NOL/DTA

Continuation of Account 190 Detail

	<u>Col 1</u>	<u>Col 2</u> END BAL per G/L	<u>Col 3</u> Gas, Generation or Other Related	<u>Col 4</u> ISO Only	<u>Col 5</u> Plant Related	<u>Col 6</u> Labor Related	<u>Col 7</u> (Instructions 1&2) Description
	<u>ACCT 190</u>	<u>DESCRIPTION</u>					
	Electric:						
115	...						<u>Source</u>

250 Total Electric 190 \$2,266,757,712 \$1,242,328,348 \$0 \$195,012,328 \$829,417,036 Sum of Above Lines beginning on Line 100

Account 190 Gas and Other Income:

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	(Instructions 1&2) <u>Col 7</u>
300	190.000 Temp - Other/Non-ISO - Gas	\$140,873	\$140,873				Gas Related Costs
301	190.000 Temp - Other/Non-ISO - Other	\$2,269,027	\$2,269,027				Other Non-ISO Related Costs
302	190.000 EMS	\$1,157,506	\$1,157,506				Other Non-ISO Related Costs
303	...						

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Source</u>
350	Total Account 190 Gas and Other Income	\$3,567,406	\$3,567,406	\$0	\$0	\$0	Sum of Above Lines beginning on Line 300
351	Total Account 190	\$2,270,325,118	\$1,245,895,754	\$0	\$195,012,328	\$829,417,036	Line 250 + Line 350
352	Allocation Factors (Plant and Wages)			18.757%	5.903%		27-Allocators Lines 22 and 9 respectively.
353	Total Account 190 ADIT (Sum of amounts in Columns 4 to 6)	\$85,540,798		\$0	\$36,577,507	\$48,963,291	Line 351 * Line 352 for Cols 5 and 6. Col. 4 100% ISO.

354	FERC Form 1 Account 190	\$2,270,325,118	Must match amount on Line 351, Col. 2	FF1 234.18c
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3) Account 282 Detail

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	(Instructions 1&2) <u>Col 7</u>
ACCT 282	DESCRIPTION	END BAL per G/L	Gas, Generation or Other Related	ISO Only	Plant Related	Labor Related	Description
400	282.000 Fully Normalized Deferred Tax	-\$1,162,146,512					Property-Related FERC Costs
401	282.000 Property/Non-ISO	-\$6,189,165,827	-\$6,189,165,827				Property-Related CPUC Costs
402	282.000 Capitalized software	-\$57,179,648	-\$57,179,648				Property-Related CPUC Costs - Cap Software
403	282.000 Audit Rollforward	\$185,395	\$185,395				Property-Related CPUC Costs - Audit
404	282.000 Property/Non-ISO - Gas	-\$921,831	-\$921,831				Gas Related Costs
405	282.000 Property/Non-ISO - Other	-\$6,052,598	-\$6,052,598				Other Non-ISO Related Costs
406	...						

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Source</u>
450	Total Account 282	-\$7,415,281,021	-\$6,253,134,509	-\$1,162,146,512	\$0	\$0	Sum of Above Lines beginning on Line 400
451	Allocation Factors (Plant and Wages)			18.757%	5.903%		27-Allocators Lines 22 and 9 respectively.
452	Total Account 282 ADIT (Sum of amounts in Columns 4 to 6)	-\$1,162,146,512		-\$1,162,146,512	\$0	\$0	Line 450 * Line 451 for Cols 5 and 6. Col. 4 100% ISO.

453	FERC Form 1 Account 282	-\$7,415,281,021	Must match amount on Line 450, Col. 2	FF1 275.5k
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4) Account 283 Detail

<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>
<u>ACCT 283</u>	<u>DESCRIPTION</u>	<u>END BAL per G/L</u>	<u>Gas, Generation or Other Related</u>	<u>ISO Only</u>	<u>Plant Related</u>	<u>(Instructions 1&2) Description</u>
<u>Electric:</u>						
500 283.000	Ad Valorem Lien Date Adj-Electric	-\$53,585,792	-\$53,585,792			Relates Entirely to CPUC Regulated Property
501 283.000	Ad Valorem Lien Date Adj-Electric	-\$8,433,048		-\$8,433,048		Relates Entirely to FERC Regulated Electric Property
502 283.000	Refunding & Retirement of Debt	-\$36,020,316	-\$32,874		-\$35,987,442	C. Relates primarily to Regulated Electric Property
503 283.000	Health Care - IBNR	-\$537,174	-1,722.66			\$535,451 C. Relates to employees in all functions
504 283.000	Balancing Accounts	-\$366,748,626	-\$366,748,626			Relates Entirely to CPUC Balancing Account Recovery
505 283.000	Decommissioning	-\$323,139,148	-\$323,139,148			Relates to Nuclear Decommissioning Costs
506 283.000	Temp - Other/Non-ISO	\$13,510,737	\$13,510,737			Non-Rate Base FAS 109 Tax Flow-Thru

Continuation of Account 283 Detail

<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>
<u>ACCT 283</u>	<u>DESCRIPTION</u>	<u>END BAL per G/L</u>	<u>Gas, Generation or Other Related</u>	<u>ISO Only</u>	<u>Plant Related</u>	<u>(Instructions 1&2) Description</u>
<u>Electric (continued):</u>						
507 ...						
650	Total Electric 283	-\$774,953,367	-\$729,997,425	-\$8,433,048	-\$35,987,442	-\$535,451 Sum of Above Lines beginning on Line 500
<u>Account 283 Gas and Other:</u>						
700 283.000	Temp - Other/Non-ISO - Gas	-\$73,003	-\$73,003			(Instructions 1&2)
701 283.000	Temp - Other/Non-ISO - Other	-\$494,805	-\$494,805			Gas Related Costs
702 ...						Other Non-ISO Related Costs

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Source</u>
800	Total Account 283 Gas and Other	-\$567,808	-\$567,808	\$0	\$0	\$0	Sum of Above Lines beginning on Line 700
801	Total Account 283	-\$775,521,175	-\$730,565,233.2	-\$8,433,048	-\$35,987,442	-\$535,451	Line 650 + Line 800
802	Allocation Factors (Plant and Wages)				18.757%	5.903%	27-Allocators Lines 22 and 9 respectively.
803	Total Account 283 ADIT (Sum of amounts in Columns 4 to 6)	-\$15,214,646		-\$8,433,048	-\$6,749,988	-\$31,610	Line 801 * Line 802 for Cols 5 and 6. Col. 4 100% ISO.
804	FERC Form 1 Account 283	-\$775,521,175		Must match amount on Line 801, Col. 2			FF1 277.19k

5) Tax Normalization Calculation Pursuant to Treas. Reg §1.167(l)-1(h)(6)

	<u>Col 1</u>	<u>Col 2</u> See Note 1	<u>Col 3</u> See Note 2	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u> Col 5 / Tot. Days	<u>Col 7</u> = Col 2 * Col 6	<u>Col 8</u> See Note 3
<u>Future Test Period</u>								
805	Beginning Deferred Tax Balance (Line 10, Col. 2)		Mthly Deferred Tax Amount	Deferred Tax Balance	Days in Month	Number of Days Left in Period	Prorata Percentages	Monthly Prorata Amounts
806	January	\$513,053.26	-\$1,649,088,770	-\$1,648,575,717	31	334	91.51%	469478.8736
807	February	\$513,053.26	-\$1,648,062,663		28	306	83.84%	\$430,121
808	March	\$513,053.26	-\$1,647,549,610		31	275	75.34%	\$386,547
809	April	\$513,053.26	-\$1,647,036,557		30	245	67.12%	\$344,378
810	May	\$513,053.26	-\$1,646,523,504		31	214	58.63%	\$300,804
811	June	\$513,053.26	-\$1,646,010,450		30	184	50.41%	\$258,635
812	July	\$513,053.26	-\$1,645,497,397		31	153	41.92%	\$215,061
813	August	\$513,053.26	-\$1,644,984,344		31	122	33.42%	\$171,486
814	September	\$513,053.26	-\$1,644,471,291		30	92	25.21%	129317.5341
815	October	\$513,053.26	-\$1,643,958,237		31	61	16.71%	\$85,743
816	November	\$513,053.26	-\$1,643,445,184		30	31	8.49%	\$43,574
817	December	\$513,053.26	-\$1,642,932,131		31	0	0.00%	\$0
818	Ending Balance (Line 5, Col. 2)							-\$1,646,088,770
								-\$1,648,619,291
								-\$1,648,189,170
								-\$1,647,802,623
								-\$1,647,458,245
								-\$1,647,157,441
								-\$1,646,898,806
								-\$1,646,683,745
								-\$1,646,512,259
								-\$1,646,382,941
								-\$1,646,297,198
								-\$1,646,253,624
								-\$1,646,253,624

Instruction 1: For any "Company Wide" ADIT line item balance (i.e., that include Catalina Gas or Water costs), indicate in Column 7 with a leading "C:".

Instruction 2: For any Company Wide ADIT balance items, include a portion of the total Column 2 balance in Column 3 "Gas, Generation, or Other Related" based on the following percentages.

1) For Line items allocated based on the Wages and Salaries Allocation Factor:

	FERC Form 1 Reference or Instruction	Prior Year Value
A:Total Electric Wages and Salaries	FF1 354.28b	\$751,177,566
B:Gas Wages and Salaries	FF1 355.62b	\$502,887
C:Water Wages and Salaries	FF1 355.64b	\$1,913,811
D:Total Electric, Gas, and Water Wages and Salaries	A+B+C (B+C) / D	\$753,594,264 0.3207%
E:Labor Percentage "Gas, Generation, or Other"		

2) For Line items allocated based on the Transmission Plant Allocation Factor or "ISO Only":

	FERC Form 1 Reference or Instruction	Prior Year Value
F:Total Electric Plant In Service	FF1 207.104g	\$48,205,871,081
G:Total Gas Plant In Service	FF1 201.8d	\$6,330,758
H:Total Water Plant in Service	FF1 201.8e	\$37,703,992
I:Total Electric, Gas, and Water Plant In Service	F+G+H (G+H) / I	\$48,249,905,831 0.0913%
J:Plant Percentage "Gas, Generation, or Other"		

Instruction 3: Classify any ADIT line items relating to refunding and retirement of debt as Plant related (Column 5).

Notes:

- 1) The monthly deferred tax amounts are equal to the ending Accumulated Deferred Income Taxes and Net Excess Deferred Tax Liabilities balance minus the beginning Accumulated Deferred Income Taxes and Net Excess Deferred Tax Liabilities balance, divided by 12 months.
- 2) For January through December = previous month balance plus amount in Column 2.
- 3) The average Accumulated Deferred Income Taxes and Net Excess Deferred Tax Liabilities Balance is equal to the amount on Line 817, Column 8. Line 805 is equal to Line 10, Column 2. Lines 806 through 817 equal previous amount in Column 8, plus amount in Column 7.
- 4) The net excess/deficiency is derived from the deficiency arising in Account 190 offset by excesses in Accounts 282 and 283.
- 5) SCE must submit a Federal Power Act Section 205 filing to obtain Commission approval prior to reflecting in rates any regulatory assets and liabilities arising from future tax changes.

Prior Year CWIP and Forecast Period Incremental CWIP by Project

Prior Year CWIP is the amount of Construction Work In Progress for projects that have received Commission approval to include CWIP in Rate Base.

1) Prior Year CWIP, Total and by Project

Line	Month	Year	Monthly Total CWIP		Tehachapi	Devers to Colorado River	South of Kramer	West of Devers	Red Bluff		
			Col 1 = Sum of all columns	Col 2							
1	December	2017	\$150,431,067		\$150,976	\$0	\$4,884,728	\$98,805,812			
2	January	2018	\$213,986,863		\$151,684	\$0	\$4,899,846	\$99,567,836	\$0		
3	February	2018	\$224,632,907		\$153,628	\$0	\$4,921,438	\$102,282,632	\$0		
4	March	2018	\$247,405,346		\$154,987	\$0	\$4,936,884	\$107,378,631	\$0		
5	April	2018	\$266,782,488		\$155,433	\$0	\$4,968,064	\$118,470,455	\$0		
6	May	2018	\$280,386,099		\$155,433	\$0	\$5,026,303	\$124,193,405	\$0		
7	June	2018	\$289,434,998		\$155,511	\$0	\$5,028,631	\$129,989,497	\$0		
8	July	2018	\$301,451,678		\$155,511	\$0	\$5,045,582	\$137,885,131	\$0		
9	August	2018	\$321,849,201		\$155,511	\$0	\$5,082,399	\$149,188,735	\$0		
10	September	2018	\$339,139,258		\$155,511	\$0	\$5,110,295	\$166,117,122	\$0		
11	October	2018	\$380,115,165		\$155,511	\$0	\$5,136,619	\$194,064,737	\$0		
12	November	2018	\$406,169,532		\$155,511	\$0	\$5,173,051	\$212,063,571	\$0		
13	December	2018	\$442,100,547		\$156,282	\$0	\$5,220,452	\$228,226,372	\$0		
14	13 Month Averages:		\$297,221,934		\$154,730	\$0	\$5,033,407	\$143,710,303	\$0		
			Col 7	Col 8 Whirlwind Substation Expansion	Col 9 Colorado River	Col 10	Col 11	Col 12			
			Whirlwind Substation Expansion	Substation Expansion		Mesa	Alberhill	ELM Series Caps			
15	December	2017	\$0		\$0	\$46,589,551	\$0	\$0			
16	January	2018	\$0		\$0	\$52,872,088	\$19,158,216	\$37,337,194			
17	February	2018	\$0		\$0	\$60,403,301	\$19,209,669	\$37,662,041			
18	March	2018	\$0		\$0	\$67,699,424	\$19,263,257	\$47,972,163			
19	April	2018	\$0		\$0	\$74,865,328	\$19,494,339	\$48,828,868			
20	May	2018	\$0		\$0	\$81,351,559	\$19,590,062	\$50,069,337			
21	June	2018	\$0		\$0	\$84,101,356	\$19,640,938	\$50,519,065			
22	July	2018	\$0		\$0	\$87,696,225	\$19,733,199	\$50,936,029			
23	August	2018	\$0		\$0	\$96,053,875	\$19,787,598	\$51,581,083			
24	September	2018	\$0		\$0	\$95,968,190	\$19,827,433	\$51,960,707			
25	October	2018	\$0		\$0	\$108,480,754	\$19,881,323	\$52,396,221			
26	November	2018	\$0		\$0	\$113,377,826	\$19,925,080	\$55,474,492			
27	December	2018	\$0		\$0	\$123,208,374	\$20,101,220	\$65,187,847			
28	13 Month Averages:		\$0		\$0	\$84,051,373	\$18,124,041	\$46,148,081	---		

Schedule 10
CWIP

2) Total Forecast Period CWIP Expenditures (see Note 1)

Line	Month	Year	Forecast	Corporate	Total	Unloaded	Prior Period	Over Heads	Forecast	Forecast Period
			Expenditures	Overheads	CWIP Exp	Plant Adds	CWIP Closed	Closed to PIS	Period CWIP	Incremental CWIP
29	December	2018	---	---	---	---	---	---	\$442,100,547	---
30	January	2019	\$28,644,052	\$2,148,304	\$30,792,356	\$141,555	\$0	\$10,617	\$472,740,732	\$30,640,185
31	February	2019	\$13,619,250	\$1,021,444	\$14,640,693	\$6,841,512	\$6,354,081	\$36,557	\$480,503,356	\$38,402,809
32	March	2019	\$23,213,967	\$1,741,048	\$24,955,015	\$498,892	\$0	\$37,417	\$504,922,063	\$62,821,515
33	April	2019	\$20,541,517	\$1,540,614	\$22,082,130	\$479,465	\$0	\$35,960	\$526,488,768	\$84,388,221
34	May	2019	\$22,706,183	\$1,702,964	\$24,409,147	\$754,022	\$0	\$56,552	\$550,087,341	\$107,986,793
35	June	2019	\$23,187,247	\$1,739,043	\$24,926,290	\$1,797,384	\$691,910	\$82,911	\$573,133,336	\$131,032,789
36	July	2019	\$27,026,913	\$2,027,018	\$29,053,932	\$168,232	\$0	\$12,617	\$602,006,419	\$159,905,871
37	August	2019	\$29,369,435	\$2,202,708	\$31,572,142	\$632,199	\$173,868	\$34,375	\$632,911,987	\$190,811,440
38	September	2019	\$31,037,498	\$2,327,812	\$33,365,311	\$776,893	\$156,282	\$46,546	\$665,453,859	\$223,353,311
39	October	2019	\$20,905,414	\$1,567,906	\$22,473,320	\$598,232	\$0	\$44,867	\$687,284,080	\$245,183,532
40	November	2019	\$24,856,414	\$1,864,231	\$26,720,645	\$696,462	\$212,599	\$36,290	\$713,271,974	\$271,171,426
41	December	2019	\$29,894,493	\$2,242,087	\$32,136,580	\$8,311,542	\$5,614,082	\$202,310	\$736,894,702	\$294,794,155
42	January	2020	\$22,858,346	\$1,714,376	\$24,572,722	\$80,529	\$0	\$6,040	\$761,380,856	\$319,280,308
43	February	2020	\$32,794,585	\$2,459,594	\$35,254,179	\$80,529	\$0	\$6,040	\$796,548,466	\$354,447,919
44	March	2020	\$32,334,996	\$2,425,125	\$34,760,121	\$140,529	\$0	\$10,540	\$831,157,519	\$389,056,971
45	April	2020	\$28,995,632	\$2,174,672	\$31,170,305	\$230,529	\$0	\$17,290	\$862,080,004	\$419,979,457
46	May	2020	\$32,846,344	\$2,463,476	\$35,309,820	\$230,529	\$0	\$17,290	\$897,142,006	\$455,041,458
47	June	2020	\$27,445,173	\$2,058,388	\$29,503,561	\$80,529	\$0	\$6,040	\$926,558,998	\$484,458,451
48	July	2020	\$27,167,344	\$2,037,551	\$29,204,895	\$80,529	\$0	\$6,040	\$955,677,324	\$513,576,777
49	August	2020	\$28,984,344	\$2,173,826	\$31,158,170	\$80,529	\$0	\$6,040	\$986,748,926	\$544,648,378
50	September	2020	\$29,460,344	\$2,209,526	\$31,669,870	\$90,529	\$0	\$6,790	\$1,018,321,477	\$576,220,929
51	October	2020	\$31,031,404	\$2,327,355	\$33,358,759	\$90,529	\$0	\$6,790	\$1,051,582,918	\$609,482,370
52	November	2020	\$28,653,650	\$2,149,024	\$30,802,674	\$190,529	\$0	\$14,290	\$1,082,180,773	\$640,080,225
53	December	2020	\$31,532,939	\$2,364,970	\$33,897,910	\$43,140,404	\$16,523,166	\$1,996,293	\$1,070,941,986	<u>\$628,841,438</u>
54	13-Month Averages:									
										\$479,223,757

3) Forecast Period CWIP Expenditures by Project (see Note 1)

Line	Month	Year	Forecast	Corporate	Total	Unloaded	Prior Period	Over Heads	Forecast	Forecast Period
			Expenditures	Overheads	CWIP Exp	Plant Adds	CWIP Closed	Closed to PIS	Period CWIP	Incremental CWIP
55	December	2018	---	---	---	---	---	---	\$156,282	---
56	January	2019	\$143,920	\$10,794	\$154,714	\$139,736	\$0	\$10,480	\$160,780	\$4,498
57	February	2019	\$468,437	\$35,133	\$503,569	\$446,086	\$0	\$33,456	\$184,807	\$28,525
58	March	2019	\$528,731	\$39,655	\$568,385	\$482,887	\$0	\$36,216	\$234,090	\$77,807
59	April	2019	-\$55,565	-\$4,167	-\$59,733	-\$55,565	\$0	-\$4,167	\$234,090	\$77,807
60	May	2019	\$219,022	\$16,427	\$235,449	\$219,022	\$0	\$16,427	\$234,090	\$77,807
61	June	2019	\$39,890	\$2,992	\$42,882	\$39,890	\$0	\$2,992	\$234,090	\$77,807
62	July	2019	\$132,890	\$9,967	\$142,857	\$132,890	\$0	\$9,967	\$234,090	\$77,807
63	August	2019	\$422,890	\$31,717	\$454,607	\$422,890	\$0	\$31,717	\$234,090	\$77,807
64	September	2019	\$522,890	\$39,217	\$562,107	\$751,551	\$156,282	\$44,645	\$0	-\$156,282
65	October	2019	\$572,890	\$42,967	\$615,857	\$572,890	\$0	\$42,967	\$0	-\$156,282
66	November	2019	\$422,890	\$31,717	\$454,607	\$422,890	\$0	\$31,717	\$0	-\$156,282
67	December	2019	\$227,890	\$17,092	\$244,982	\$227,890	\$0	\$17,092	\$0	-\$156,282
68	January	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
69	February	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
70	March	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
71	April	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
72	May	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
73	June	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
74	July	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
75	August	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
76	September	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
77	October	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
78	November	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
79	December	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
80	13-Month Averages:									
										-\$156,282

3b) Project: Devers to Colorado River

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	
		= C1 *					= (C4 - C5) *	= Prior Month C7	= C7 -	
		16-Plnt Add Line 74	= C1 + C2				16-Plnt Add Line 74	+ C3 - C4 - C6	Dec Prior Year C7	
<u>Line</u>	<u>Month</u>	<u>Year</u>	<u>Forecast Expenditures</u>	<u>Corporate Overheads</u>	<u>Total CWIP Exp</u>	<u>Unloaded Total Plant Adds</u>	<u>Prior Period CWIP Closed</u>	<u>Over Heads Closed to PIS</u>	<u>Forecast Period CWIP</u>	<u>Forecast Period Incremental CWIP</u>
81	December	2018	---	---	---	---	---	---	\$0	---
82	January	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
83	February	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
84	March	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
85	April	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
86	May	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
87	June	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
88	July	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
89	August	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
90	September	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
91	October	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
92	November	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
93	December	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
94	January	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95	February	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
96	March	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
97	April	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
98	May	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
99	June	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
100	July	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
101	August	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
102	September	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
103	October	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
104	November	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
105	December	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
106	13-Month Averages:									\$0

3c) Project: South of Kramer

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	
		= C1 *					= (C4 - C5) *	= Prior Month C7	= C7 -	
		16-Plnt Add Line 74	= C1 + C2				16-Plnt Add Line 74	+ C3 - C4 - C6	Dec Prior Year C7	
<u>Line</u>	<u>Month</u>	<u>Year</u>	<u>Forecast Expenditures</u>	<u>Corporate Overheads</u>	<u>Total CWIP Exp</u>	<u>Unloaded Total Plant Adds</u>	<u>Prior Period CWIP Closed</u>	<u>Over Heads Closed to PIS</u>	<u>Forecast Period CWIP</u>	<u>Forecast Period Incremental CWIP</u>
107	December	2018	---	---	---	---	---	\$5,220,452	---	---
108	January	2019	\$24,432	\$1,832	\$26,264	\$0	\$0	\$5,246,716	\$26,264	
109	February	2019	\$26,402	\$1,980	\$28,382	\$0	\$0	\$5,275,098	\$54,647	
110	March	2019	\$16,244	\$1,218	\$17,462	\$0	\$0	\$5,292,561	\$72,109	
111	April	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$5,319,436	\$98,984	
112	May	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$5,346,311	\$125,859	
113	June	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$5,373,186	\$152,734	
114	July	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$5,400,061	\$179,609	
115	August	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$5,426,936	\$206,484	
116	September	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$5,453,811	\$233,359	
117	October	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$5,480,686	\$260,234	
118	November	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$5,507,561	\$287,109	
119	December	2019	\$32,922	\$2,469	\$35,391	\$0	\$0	\$5,542,952	\$322,500	
120	January	2020	\$0	\$0	\$0	\$0	\$0	\$5,542,952	\$322,500	
121	February	2020	\$0	\$0	\$0	\$0	\$0	\$5,542,952	\$322,500	
122	March	2020	\$0	\$0	\$0	\$0	\$0	\$5,542,952	\$322,500	
123	April	2020	\$0	\$0	\$0	\$0	\$0	\$5,542,952	\$322,500	
124	May	2020	\$0	\$0	\$0	\$0	\$0	\$5,542,952	\$322,500	
125	June	2020	\$0	\$0	\$0	\$0	\$0	\$5,542,952	\$322,500	
126	July	2020	\$0	\$0	\$0	\$0	\$0	\$5,542,952	\$322,500	
127	August	2020	\$0	\$0	\$0	\$0	\$0	\$5,542,952	\$322,500	
128	September	2020	\$600,000	\$45,000	\$645,000	\$0	\$0	\$6,187,952	\$967,500	
129	October	2020	\$600,000	\$45,000	\$645,000	\$0	\$0	\$6,832,952	\$1,612,500	
130	November	2020	\$600,000	\$45,000	\$645,000	\$0	\$0	\$7,477,952	\$2,257,500	
131	December	2020	\$805,031	\$60,377	\$865,408	\$0	\$0	\$8,343,360	\$3,122,908	
132	13-Month Averages:									\$835,608

3d) Project: West of Devers

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>
	= C1 *							
	16-Plnt Add Line 74	= C1 + C2						
			Unloaded					
			Total	Total	Prior Period	Over Heads	Forecast	Forecast Period
			CWIP Exp	Plant Adds	CWIP Closed	Closed to PIS	Period CWIP	Incremental CWIP
Line	Month	Year	Forecast Expenditures	Corporate Overheads				
133	December	2018	---	---	---	---	\$228,226,372	---
134	January	2019	\$24,021,029	\$1,801,577	\$25,822,606	\$0	\$254,048,979	\$25,822,606
135	February	2019	\$12,270,680	\$920,301	\$13,190,981	\$6,392,767	\$6,354,081	\$260,844,292
136	March	2019	\$21,209,377	\$1,590,703	\$22,800,080	\$13,385	\$0	\$32,617,919
137	April	2019	\$13,401,500	\$1,005,113	\$14,406,613	\$535,000	\$0	\$55,403,611
138	May	2019	\$14,221,500	\$1,066,613	\$15,288,113	\$535,000	\$0	\$40,125
139	June	2019	\$13,236,500	\$992,738	\$14,229,238	\$550,000	\$0	\$297,461,471
140	July	2019	\$14,721,500	\$1,104,113	\$15,825,613	\$35,000	\$0	\$69,235,098
141	August	2019	\$12,282,056	\$921,154	\$13,203,210	\$208,967	\$173,868	\$83,948,086
142	September	2019	\$11,351,056	\$851,329	\$12,202,385	\$25,000	\$0	\$97,586,073
143	October	2019	\$13,331,556	\$999,867	\$14,331,422	\$25,000	\$0	\$113,374,061
144	November	2019	\$9,304,556	\$697,842	\$10,002,397	\$25,000	\$0	\$126,365,671
145	December	2019	\$9,030,391	\$677,279	\$9,707,670	\$4,470,422	\$2,676,093	\$122,249,049
146	January	2020	\$9,680,000	\$726,000	\$10,406,000	\$80,000	\$0	\$167,923,924
147	February	2020	\$13,180,000	\$988,500	\$14,168,500	\$80,000	\$0	\$178,243,924
148	March	2020	\$14,785,000	\$1,108,875	\$15,893,875	\$140,000	\$0	\$192,326,424
149	April	2020	\$13,420,000	\$1,006,500	\$14,426,500	\$230,000	\$0	\$208,069,799
150	May	2020	\$13,920,000	\$1,044,000	\$14,964,000	\$230,000	\$0	\$222,249,049
151	June	2020	\$11,180,000	\$838,500	\$12,018,500	\$80,000	\$0	\$236,965,799
152	July	2020	\$12,680,000	\$951,000	\$13,631,000	\$80,000	\$0	\$248,898,299
153	August	2020	\$14,680,000	\$1,101,000	\$15,781,000	\$80,000	\$0	\$262,443,299
154	September	2020	\$14,690,000	\$1,101,750	\$15,791,750	\$90,000	\$0	\$278,138,299
155	October	2020	\$14,699,230	\$1,102,442	\$15,801,672	\$90,000	\$0	\$293,833,299
156	November	2020	\$9,928,100	\$744,608	\$10,672,708	\$190,000	\$0	\$309,538,221
157	December	2020	\$7,930,724	\$594,804	\$8,525,528	\$230,000	\$0	\$328,284,957
158	13-Month Averages:							\$249,763,228

3e) Project: Red Bluff

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>
	= C1 *							
	16-Plnt Add Line 74	= C1 + C2						
			Unloaded					
			Total	Total	Prior Period	Over Heads	Forecast	Forecast Period
			CWIP Exp	Plant Adds	CWIP Closed	Closed to PIS	Period CWIP	Incremental CWIP
Line	Month	Year	Forecast Expenditures	Corporate Overheads				
159	December	2018	---	---	---	---	\$0	---
160	January	2019	\$0	\$0	\$0	\$0	\$0	\$0
161	February	2019	\$0	\$0	\$0	\$0	\$0	\$0
162	March	2019	\$0	\$0	\$0	\$0	\$0	\$0
163	April	2019	\$0	\$0	\$0	\$0	\$0	\$0
164	May	2019	\$0	\$0	\$0	\$0	\$0	\$0
165	June	2019	\$0	\$0	\$0	\$0	\$0	\$0
166	July	2019	\$0	\$0	\$0	\$0	\$0	\$0
167	August	2019	\$0	\$0	\$0	\$0	\$0	\$0
168	September	2019	\$0	\$0	\$0	\$0	\$0	\$0
169	October	2019	\$0	\$0	\$0	\$0	\$0	\$0
170	November	2019	\$0	\$0	\$0	\$0	\$0	\$0
171	December	2019	\$0	\$0	\$0	\$0	\$0	\$0
172	January	2020	\$0	\$0	\$0	\$0	\$0	\$0
173	February	2020	\$0	\$0	\$0	\$0	\$0	\$0
174	March	2020	\$0	\$0	\$0	\$0	\$0	\$0
175	April	2020	\$0	\$0	\$0	\$0	\$0	\$0
176	May	2020	\$0	\$0	\$0	\$0	\$0	\$0
177	June	2020	\$0	\$0	\$0	\$0	\$0	\$0
178	July	2020	\$0	\$0	\$0	\$0	\$0	\$0
179	August	2020	\$0	\$0	\$0	\$0	\$0	\$0
180	September	2020	\$0	\$0	\$0	\$0	\$0	\$0
181	October	2020	\$0	\$0	\$0	\$0	\$0	\$0
182	November	2020	\$0	\$0	\$0	\$0	\$0	\$0
183	December	2020	\$0	\$0	\$0	\$0	\$0	\$0
184	13-Month Averages:							\$0

3f) Project: Whirlwind Substation Expansion

		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	
		= C1 *					= (C4 - C5) *	= Prior Month C7	= C7 -	
		16-Plnt Add Line 74		= C1 + C2			16-Plnt Add Line 74	+ C3 - C4 - C6	Dec Prior Year C7	
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unload Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
185	December	2018	---	---	---	---	---	---	\$0	---
186	January	2019	\$1,819	\$136	\$1,955	\$1,819	\$0	\$136	\$0	\$0
187	February	2019	\$2,660	\$200	\$2,860	\$2,660	\$0	\$200	\$0	\$0
188	March	2019	\$2,620	\$197	\$2,817	\$2,620	\$0	\$197	\$0	\$0
189	April	2019	\$30	\$2	\$32	\$30	\$0	\$2	\$0	\$0
190	May	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
191	June	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
192	July	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
193	August	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
194	September	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
195	October	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
196	November	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
197	December	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
198	January	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
199	February	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
200	March	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
201	April	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
202	May	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
203	June	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
204	July	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
205	August	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
206	September	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
207	October	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
208	November	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
209	December	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
210	13-Month Averages:									\$0

3g) Project: Colorado River Substation Expansion

		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	
		= C1 *					= (C4 - C5) *	= Prior Month C7	= C7 -	
		16-Plnt Add Line 74		= C1 + C2			16-Plnt Add Line 74	+ C3 - C4 - C6	Dec Prior Year C7	
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
211	December	2018	---	---	---	---	---	---	\$0	---
212	January	2019	\$2,069	\$155	\$2,224	\$0	\$0	\$2,224	\$2,224	
213	February	2019	\$1,119	\$84	\$1,203	\$0	\$0	\$0	\$3,427	\$3,427
214	March	2019	\$3,700	\$278	\$3,978	\$0	\$0	\$0	\$7,404	\$7,404
215	April	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$54,360	\$54,360
216	May	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$101,315	\$101,315
217	June	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$148,270	\$148,270
218	July	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$195,225	\$195,225
219	August	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$242,180	\$242,180
220	September	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$289,135	\$289,135
221	October	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$336,090	\$336,090
222	November	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$383,045	\$383,045
223	December	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$430,000	\$430,000
224	January	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$1,855,852	\$1,855,852
225	February	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$3,281,704	\$3,281,704
226	March	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$4,707,555	\$4,707,555
227	April	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$6,133,407	\$6,133,407
228	May	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$7,559,259	\$7,559,259
229	June	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$8,985,111	\$8,985,111
230	July	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$10,410,962	\$10,410,962
231	August	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$11,836,814	\$11,836,814
232	September	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$13,262,666	\$13,262,666
233	October	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$14,688,518	\$14,688,518
234	November	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$16,114,370	\$16,114,370
235	December	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$17,540,221	\$17,540,221
236	13-Month Averages:									\$8,985,111

3h) Project:		Mesa							
		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
		= C1 *							
		16-Plnt Add Line 74	= C1 + C2						
				Unloaded					
				Total	Prior Period	Over Heads	Forecast	Forecast Period	
				CWIP Exp	CWIP Closed	Closed to PIS	Period CWIP	Incremental CWIP	
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
237	December	2018	---	---	---	---	---	\$123,208,374	---
238	January	2019	\$4,789,816	\$359,236	\$5,149,053	\$0	\$0	\$128,357,427	\$5,149,053
239	February	2019	\$234,953	\$17,622	\$252,575	\$0	\$0	\$128,610,001	\$5,401,628
240	March	2019	-\$106,248	-\$7,969	-\$114,217	\$0	\$0	\$128,495,785	\$5,287,411
241	April	2019	\$6,590,834	\$494,313	\$7,085,147	\$0	\$0	\$135,580,932	\$12,372,558
242	May	2019	\$7,486,034	\$561,453	\$8,047,487	\$0	\$0	\$143,628,419	\$20,420,045
243	June	2019	\$4,489,600	\$336,720	\$4,826,320	\$1,207,494	\$691,910	\$38,669	\$147,208,576
244	July	2019	\$10,179,604	\$763,470	\$10,943,074	\$342	\$0	\$26	\$158,151,282
245	August	2019	\$3,856,109	\$289,208	\$4,145,317	\$342	\$0	\$26	\$162,296,231
246	September	2019	\$14,565,954	\$1,092,447	\$15,658,401	\$342	\$0	\$26	\$177,954,264
247	October	2019	\$4,199,628	\$314,972	\$4,514,600	\$342	\$0	\$26	\$182,468,497
248	November	2019	\$7,137,826	\$535,337	\$7,673,163	\$248,572	\$212,599	\$2,698	\$189,890,390
249	December	2019	\$19,618,568	\$1,471,393	\$21,089,961	\$3,613,230	\$2,937,989	\$50,643	\$207,316,478
250	January	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$217,682,725
251	February	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$228,048,971
252	March	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$238,415,218
253	April	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$248,781,464
254	May	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$259,147,711
255	June	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$269,513,957
256	July	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$279,880,204
257	August	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$290,246,450
258	September	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$300,612,697
259	October	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$310,978,943
260	November	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$321,345,190
261	December	2020	\$12,302,834	\$922,713	\$13,225,547	\$42,910,404	\$16,523,166	\$1,979,043	\$289,681,289
262	13-Month Averages:								\$143,072,495
3i) Project:		Alberhill							
		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
		= C1 *							
		16-Plnt Add Line 74	= C1 + C2						
				Unloaded					
				Total	Prior Period	Over Heads	Forecast	Forecast Period	
				CWIP Exp	CWIP Closed	Closed to PIS	Period CWIP	Incremental CWIP	
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
263	December	2018	---	---	---	---	---	\$20,101,220	---
264	January	2019	\$104,967	\$7,872	\$112,839	\$0	\$0	\$20,214,060	\$112,839
265	February	2019	\$62,896	\$4,717	\$67,613	\$0	\$0	\$20,281,673	\$180,452
266	March	2019	\$33,044	\$2,478	\$35,523	\$0	\$0	\$20,317,195	\$215,975
267	April	2019	\$103,038	\$7,728	\$110,766	\$0	\$0	\$20,427,962	\$326,741
268	May	2019	\$67,947	\$5,096	\$73,043	\$0	\$0	\$20,501,005	\$399,784
269	June	2019	\$70,661	\$5,300	\$75,961	\$0	\$0	\$20,576,966	\$475,745
270	July	2019	\$65,421	\$4,907	\$70,328	\$0	\$0	\$20,647,294	\$546,073
271	August	2019	\$70,661	\$5,300	\$75,961	\$0	\$0	\$20,723,255	\$622,034
272	September	2019	\$65,421	\$4,907	\$70,328	\$0	\$0	\$20,793,583	\$692,362
273	October	2019	\$70,661	\$5,300	\$75,961	\$0	\$0	\$20,869,544	\$768,323
274	November	2019	\$44,463	\$3,335	\$47,798	\$0	\$0	\$20,917,342	\$816,121
275	December	2019	\$26,043	\$1,953	\$27,996	\$0	\$0	\$20,945,338	\$844,117
276	January	2020	\$65,423	\$4,907	\$70,330	\$0	\$0	\$21,015,668	\$914,448
277	February	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$21,085,996	\$984,776
278	March	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$21,156,324	\$1,055,104
279	April	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$21,226,652	\$1,125,432
280	May	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$21,296,980	\$1,195,760
281	June	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$21,367,308	\$1,266,088
282	July	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$21,437,636	\$1,336,416
283	August	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$21,507,964	\$1,406,744
284	September	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$21,578,292	\$1,477,072
285	October	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$21,648,620	\$1,547,400
286	November	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$21,718,948	\$1,617,728
287	December	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$21,789,276	\$1,688,056
288	13-Month Averages:								\$1,266,088

3j) Project:		ELM Series Capacitors							
		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
		= C1 *							
		16-Plnt Add Line 74	= C1 + C2						
				Unloaded					
				Total	Prior Period	Over Heads	Forecast	Forecast Period	
				CWIP Exp	CWIP Closed	Closed to PIS	Period CWIP	Incremental CWIP	
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
289	December	2018	---	---	---	---	---	\$65,187,847	---
290	January	2019	-\$443,999	-\$33,300	-\$477,299	\$0	\$0	\$64,710,548	-\$477,299
291	February	2019	\$552,103	\$41,408	\$593,511	\$0	\$0	\$65,304,059	\$116,212
292	March	2019	\$1,526,499	\$114,487	\$1,640,986	\$0	\$0	\$66,945,045	\$1,757,198
293	April	2019	\$433,000	\$32,475	\$465,475	\$0	\$0	\$67,410,520	\$2,222,673
294	May	2019	\$643,000	\$48,225	\$691,225	\$0	\$0	\$68,101,745	\$2,913,898
295	June	2019	\$5,281,916	\$396,144	\$5,678,060	\$0	\$0	\$73,779,805	\$8,591,958
296	July	2019	\$1,858,819	\$139,411	\$1,998,230	\$0	\$0	\$75,778,035	\$10,590,188
297	August	2019	\$12,669,040	\$950,178	\$13,619,218	\$0	\$0	\$89,397,253	\$24,209,406
298	September	2019	\$4,463,498	\$334,762	\$4,798,260	\$0	\$0	\$94,195,513	\$29,007,667
299	October	2019	\$2,662,000	\$199,650	\$2,861,650	\$0	\$0	\$97,057,163	\$31,869,317
300	November	2019	\$7,878,000	\$590,850	\$8,468,850	\$0	\$0	\$105,526,013	\$40,338,167
301	December	2019	\$915,000	\$68,625	\$983,625	\$0	\$0	\$106,509,638	\$41,321,792
302	January	2020	\$2,143,000	\$160,725	\$2,303,725	\$0	\$0	\$108,813,363	\$43,625,517
303	February	2020	\$8,579,241	\$643,443	\$9,222,684	\$0	\$0	\$118,036,048	\$52,848,201
304	March	2020	\$6,514,652	\$488,599	\$7,003,251	\$0	\$0	\$125,039,298	\$59,851,452
305	April	2020	\$4,540,288	\$340,522	\$4,880,810	\$0	\$0	\$129,920,108	\$64,732,261
306	May	2020	\$7,891,000	\$591,825	\$8,482,825	\$0	\$0	\$138,402,933	\$73,215,086
307	June	2020	\$5,229,829	\$392,237	\$5,622,066	\$0	\$0	\$144,024,999	\$78,837,152
308	July	2020	\$3,452,000	\$258,900	\$3,710,900	\$0	\$0	\$147,735,899	\$82,548,052
309	August	2020	\$3,269,000	\$245,175	\$3,514,175	\$0	\$0	\$151,250,074	\$86,062,227
310	September	2020	\$3,135,000	\$235,125	\$3,370,125	\$0	\$0	\$154,620,199	\$89,432,352
311	October	2020	\$4,696,830	\$352,262	\$5,049,092	\$0	\$0	\$159,669,291	\$94,481,445
312	November	2020	\$7,090,206	\$531,765	\$7,621,971	\$0	\$0	\$167,291,263	\$102,103,416
313	December	2020	\$9,102,555	\$682,692	\$9,785,247	\$0	\$0	\$177,076,510	\$111,888,663
314	13-Month Averages:								\$75,457,509

3k) Project:		ELM Series Capacitors							
		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
		= C1 *							
		16-Plnt Add Line 74	= C1 + C2						
				Unloaded					
				Total	Prior Period	Over Heads	Forecast	Forecast Period	
				CWIP Exp	CWIP Closed	Closed to PIS	Period CWIP	Incremental CWIP	
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
315	December	2018	---	---	---	---	---	\$0	---
316	January	2019		\$0	\$0		\$0	\$0	
317	February	2019		\$0	\$0		\$0	\$0	
318	March	2019		\$0	\$0		\$0	\$0	
319	April	2019		\$0	\$0		\$0	\$0	
320	May	2019		\$0	\$0		\$0	\$0	
321	June	2019		\$0	\$0		\$0	\$0	
322	July	2019		\$0	\$0		\$0	\$0	
323	August	2019		\$0	\$0		\$0	\$0	
324	September	2019		\$0	\$0		\$0	\$0	
325	October	2019		\$0	\$0		\$0	\$0	
326	November	2019		\$0	\$0		\$0	\$0	
327	December	2019		\$0	\$0		\$0	\$0	
328	January	2020		\$0	\$0		\$0	\$0	
329	February	2020		\$0	\$0		\$0	\$0	
330	March	2020		\$0	\$0		\$0	\$0	
331	April	2020		\$0	\$0		\$0	\$0	
332	May	2020		\$0	\$0		\$0	\$0	
333	June	2020		\$0	\$0		\$0	\$0	
334	July	2020		\$0	\$0		\$0	\$0	
335	August	2020		\$0	\$0		\$0	\$0	
336	September	2020		\$0	\$0		\$0	\$0	
337	October	2020		\$0	\$0		\$0	\$0	
338	November	2020		\$0	\$0		\$0	\$0	
339	December	2020		\$0	\$0		\$0	\$0	
340	13-Month Averages:								\$0

Notes:

- 1) Forecast Period is the calendar year two years after the Prior Year (i.e., PY+2).
- 2) Sum of project specific values from lines 55-79, 81-105, 107-131, 133-157, 159-183, 185-209, 211-235, 237-261, 263-287, 289-313,...

Instructions:

- 1) Enter recorded amounts of CWIP during Prior Year on Lines 1-13, 15-27 (including December of year previous to Prior Year).
- 2) Enter forecast project specific values on lines 55-79, 81-105, 107-131, 133-157, 159-183, 185-209, 211-235, 237-261, 263-287, 289-313,...
- 3) If Commission approval is granted to include CWIP in Rate Base for additional projects, include additional tables for each of those additional projects.

TRANSMISSION PLANT HELD FOR FUTURE USE

Inputs are shaded yellow

Transmission Plant Held for Future Use shall be amounts of Electric Plant Held for Future Use (account 105) intended to be placed under the Operational Control of the ISO, plus an allocated amount of any General Electric Plant Held for Future Use, with the allocation factor being the Transmission Wages and Salaries AF.

<u>Line</u>		<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>
1	Total Electric PHFU	\$15,781,292	\$30,786,587	FF1 page 214.47d

Plant intended to be placed under the Operational Control of the ISO:

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>
	<u>Description</u>	<u>Type of Plant</u>	<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>
2a	Alberhill	Sub	\$9,942,155	\$9,942,155	SCE records
2b					
2c					
2d					
2e					
2f					
2g					
2h					
...					
3		Total:	\$9,942,155	\$9,942,155	Sum of above lines
		<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>	
4	General Plant Held for Future Use		\$0	\$0	FF1 page 214
5	Wages and Salaries AF:		5.903%	5.903%	27-Allocators, L 9
6	Portion for Transmission PHFU:		\$0	\$0	L 4 * L 5

All other Electric Plant Held for Future Use not intended to be placed under the Operational Control of the ISO:

	<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>
7	\$5,839,137	\$20,844,432	Note 1
	<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>
8	\$9,942,155	\$9,942,155	L 3 + L 6
	Average of BOY and EOY		
9	Transmission PHFU:	\$9,942,155	Sum of Line 8 / 2

Calculation of Gain or Loss on Transmission Plant Held for Future Use -- Land

		<u>Source</u>
10	Gain or Loss on Transmission Plant Held for Future Use --- Land	\$0

Instructions:

- 1) For any Electric Plant Held for Future Use intended to be placed under the Operational Control of the ISO, list on lines 2a, 2b, etc. Provide description in Column 1. Note type of plant (land or other) in Column 2. Under "Source" (Column 5), state the line number on FERC Form 1 page 214 from which the amount is derived. BOY amount will be EOY value from previous year FERC Form 1, EOY amount will be in current year FF1.
- 2) For any Electric Plant Held for Future Use classified as General note amount on Line 4.
- 3) Add additional lines 2 i, j, k, etc. as necessary to include additional projects intended to be placed under the Operational Control of the ISO.
- 4) Gains and Losses on Transmission Plant Held for Future Use - Land is treated in accordance with Commission policy. Any gain or loss on non-land portions of Transmission Plant Held for Future Use is not included.

Notes:

- 1) Amount of Line 1 not intended to be placed under the Operational Control of the ISO.

Determination of amount of Abandoned Plant and Abandoned Plant Amortization Expense

Input data is shaded yellow

Initially Abandoned Plant Amortization Expense and Abandoned Plant are both zero.

Upon Commission approval of recovery of abandoned plant costs for a specific project or projects, SCE will complete this worksheet in accordance with that Order.

Orders Providing for Abandoned Plant Cost Recovery:	<u>Project</u>	<u>Commission Order</u>

Abandoned Plant for each project represents the amount of costs that the Order approves for inclusion in Rate Base.

Abandoned Plant Amortization Expense for each project represents the annual amortization of abandoned costs that the Order approves as an annual expense.

<u>Line</u>		<u>Amount for Prior Year</u>	<u>Note:</u>
1	Abandoned Plant Amortization Expense:	\$0	Sum of projects below for PY.
2	Abandoned Plant (BOY):	\$0	Sum of projects below for PY.
3	Abandoned Plant (EOY):	\$0	Sum of projects below for PY.
4	Abandoned Plant (BOY/EOY Average):	\$0	Average of Lines 2 and 3.
5	HV Abandoned Plant (BOY):	\$0	Sum of projects below for PY.

6 First Project: **Fill in Name** 2nd Project: **Fill in Name**

<u>Year</u>	<u>EOY Abandoned Plant</u>	<u>EOY HV Abandoned Plant (Note 1)</u>	<u>Abandoned Plant Amort. Expense</u>	<u>EOY Abandoned Plant</u>	<u>EOY HV Abandoned Plant (Note 1)</u>	<u>Abandoned Plant Amort. Expense</u>
	7 2015			7 2015		
8 2016						
9 2017						
10 2018						
11 2019						
12 2020						
13 2021						
14 2022						
15 2023						
16 2024						
17 2025						
18 ...						

Notes:

- 1) "EOY HV Abandoned Plant" is amount of "EOY Abandoned Plant" that would have been High Voltage (≥ 200 kV).

Instructions:

- 1) Upon Commission approval of recovery of abandoned plant costs for a project:
 - a) Fill in the name the project in order (First Project, Second Project, etc.).
 - b) Fill in the table with annual End of Year ("EOY") Abandoned Plant, EOY HV Abandoned Plant, and Abandoned Plant Amortization Expense amounts in Accordance with the Order.
 - If table can not be filled out completely, fill out at least through the Prior Year at issue.
 - c) Sum project-specific amounts for each project and enter in lines 1, 2, and 3 for the Prior Year at issue. (BOY value is EOY value from previous year)
- 2) Add additional projects if necessary in same format.
- 3) Add additional years past 2025 if necessary.

Calculation of Components of Working Capital

Inputs are shaded yellow

1) Calculation of Materials and Supplies

Materials and Supplies is the amount of total Account 154 Materials and Supplies times the Transmission Wages and Salaries AF

<u>Line</u>	<u>Month</u>	<u>Year</u>	<u>Data Source</u>	<u>Total Materials and Supplies Balances</u>	<u>Notes</u>
1	December	2017	FF1 227.12b	\$238,006,741	Beginning of year ("BOY") amount
2	January	2018	SCE Records	\$237,304,148	
3	February	2018	SCE Records	\$239,841,033	
4	March	2018	SCE Records	\$244,159,656	
5	April	2018	SCE Records	\$247,338,969	
6	May	2018	SCE Records	\$252,131,396	
7	June	2018	SCE Records	\$251,129,665	
8	July	2018	SCE Records	\$253,822,278	
9	August	2018	SCE Records	\$257,294,453	
10	September	2018	SCE Records	\$259,921,486	
11	October	2018	SCE Records	\$265,467,745	
12	November	2018	SCE Records	\$270,331,690	
13	December	2018	FF1 227.12c	\$279,666,024	End of Year ("EOY") amount
14	13-Month Average Value Account 154:			\$253,570,406	(Sum Line 1 to Line 13) / 13
15	Transmission Wages and Salaries AF:			<u>5.9033%</u>	27-Allocators, Line 9
16	Materials and Supplies		EOY Value:	\$16,509,631	Line 13 * Line 15
17			13-Month Average Value:	\$14,969,118	Line 14 * Line 15

2) Calculation of Prepayments

Prepayments is an allocated portion of Total Prepayments based on the Transmission Wages and Salaries Allocation Factor.

	<u>Month</u>	<u>Year</u>	<u>Data Source</u>	<u>Total Prepayments Balances</u>	<u>Notes</u>
18	December	2017	Note 1, c	\$227,852,643	See Note 1, c
19	January	2018	SCE Records	\$203,222,045	
20	February	2018	SCE Records	\$192,389,429	
21	March	2018	SCE Records	\$164,188,104	
22	April	2018	SCE Records	\$197,043,565	
23	May	2018	SCE Records	\$177,668,447	
24	June	2018	SCE Records	\$255,103,006	
25	July	2018	SCE Records	\$247,953,030	
26	August	2018	SCE Records	\$217,766,527	
27	September	2018	SCE Records	\$181,251,191	
28	October	2018	SCE Records	\$152,689,618	
29	November	2018	SCE Records	<u>\$187,157,440</u>	
30	December	2018	Note 1, f	\$144,353,946	See Note 1, f

a) 13-Month Average Calculation

31	13-Month Average Value:	\$196,049,153	(Sum Line 18 to Line 30) / 13
32	Transmission Wages and Salaries AF:	<u>5.9033%</u>	27-Allocators, Line 9
33	Prepayments:	\$11,573,444	Line 31 * Line 32

b) EOY calculation

34	EOY Value:	\$144,353,946	Line 30
35	Transmission Wages and Salaries AF:	<u>5.9033%</u>	27-Allocators, Line 9
36	Prepayments:	\$8,521,701	Line 34 * Line 35

Notes:

- 1) Remove any amounts related to years prior to 2012 on b and e below.

	Beginning of Year Amount	Prepayments Balances	Source
a	FERC Form 1 Acct. 165 Recorded Amount:	\$227,852,643	FF1 111.57d
b	Prior Period Adjustment:	\$0	Note 1
c	BOY Prepayments Amount:	\$227,852,643	a - b
	End of Year Amount	Prepayments Balances	Source
d	FERC Form 1 Acct. 165 Recorded Amount:	\$144,353,946	FF1 111.57c
e	Prior Period Adjustment:	\$0	Note 1
f	EOY Prepayments Amount:	\$144,353,946	d - e

Plant Balances For Incentive Projects Receiving either ROE Incentives ("Transmission Incentive Plant") or CWIP ("CWIP Plant")

Input data is shaded yellow

- A) Summary of Incentive Project plant balances receiving ROE incentives ("Transmission Incentive Plant") and/or CWIP ("CWIP Plant") and calculation of balances needed to determine the following:
- 1) Rate Base in Prior Year
 - 2) Prior Year Incentive Rate Base - End of Year
 - 3) Prior Year Incentive Rate Base - 13-Month Average

Transmission Incentive Project plant balances and CWIP Plant may affect the following:

- a) CWIP Plant during the Prior Year is included in Rate Base (used in Prior Year TRR and True Up TRR).
- b) Forecast Period Incremental CWIP contributes to Incremental Forecast Period TRR
- c) CWIP Plant receiving an ROE adder contributes to Prior Year Incentive Rate Base - EOY, or Prior Year Incentive Rate Base - 13 Month Average as appropriate.
- d) "TIP Net Plant In Service" at EOY Prior Year is used to calculate the PY Incentive Rate Base (on EOY basis).
- e) "TIP Net Plant In Service" in PY is used to calculate the Prior Year Incentive Rate Base (on 13-month average basis).

1) Summary of CWIP Plant in Prior Year and Forecast Period

Line	Incentive Project	Prior Year End-of-Year CWIP Plant Amount	Col 1	Col 2	Col 3
			Prior Year CWIP Plant Amount	13-Month Average CWIP Plant Amount	Forecast Period Incremental CWIP 13-Month Avg. Amount
1	1) Tehachapi	\$156,282	\$154,730	-\$156,282	10-CWIP Lines 13, 14, and 80
2	2) Devers-Colorado River	\$0	\$0	\$0	10-CWIP Lines 13, 14, and 106
3	3) South of Kramer	\$5,220,452	\$5,033,407	\$835,608	10-CWIP Lines 13, 14, and 132
4	4) West of Devers	\$228,226,372	\$143,710,303	\$249,763,228	10-CWIP Lines 13, 14, and 158
5	5) Red Bluff	\$0	\$0	\$0	10-CWIP Lines 13, 14, and 184
6	6) Whirlwind Substation Exp.	\$0	\$0	\$0	10-CWIP Lines 27, 28, and 210
7	7) Colorado River Sub. Exp.	\$0	\$0	\$8,985,111	10-CWIP Lines 27, 28, and 236
8	8) Mesa	\$123,208,374	\$84,051,373	\$143,072,495	10-CWIP Lines 27, 28, and 262
9	9) Alberhill	\$20,101,220	\$18,124,041	\$1,266,088	10-CWIP Lines 27, 28, and 288
10	10) ELM Series Caps	\$65,187,847	\$46,148,081	\$75,457,509	10-CWIP Lines 27, 28, and 314
11	...	---	---	---	...
12	Totals:	\$442,100,547	\$297,221,934	\$479,223,757	

2) Summary of Prior Year Incentive Rate Base amounts (EOY Values)

	Incentive Project	Col 1	Col 2	Col 3	
		= C2 + C3	Prior Year CWIP Rate Base	EOY TIP Net Plant In Service	
		Prior Year Incentive Rate Base	EOY CWIP Portion	EOY TIP Net Plant In Service	
13	1) Rancho Vista	\$145,492,994	\$0	\$145,492,994	Line 37, C4
14	2) Tehachapi	\$2,663,122,730	\$156,282	\$2,662,966,447	Line 1, C1, and Line 37, C2
15	3) Devers-Colorado River	\$669,164,921	\$0	\$669,164,921	Line 2, C1, and Line 37, C3
16	...	---	---	---	...
17	Total PY Incentive Net Plant:	\$3,477,780,645			End of Year

3) Summary of Prior Year Incentive Rate Base amounts (13-Month Average values)

	Incentive Project	Col 1	Col 2	Col 3		
		= C2 + C3	Prior Year CWIP Rate Base	13-Month Avg. CWIP Portion	13-Month Avg. TIP Net Plant In Service Portion	
		Prior Year Incentive Rate Base	13-Month Avg. CWIP Portion	13-Month Avg. TIP Net Plant In Service Portion	Notes:	
19	1) Rancho Vista	\$147,862,518	\$0	\$0	\$147,862,518	Line 38, C4
20	2) Tehachapi	\$2,693,150,442	\$154,730	\$2,692,995,712	\$2,692,995,712	Line 1, C2, and Line 38, C2
21	3) Devers-Colorado R	\$678,332,000	\$0	\$0	\$678,332,000	Line 2, C2, and Line 38, C3
22	...	---	---	---	---	...
23	Total PY Incentive Net Plant:	\$3,519,344,961				13 Month Average

4) Prior Year TIP Net Plant In Service

Prior Year <u>Month</u>	<u>Year</u>	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Notes</u>
		Total TIP Net Plant In Service	L 53 to L 65, C3 Tehachapi	L 79 to L 91, C3 Divers to Colorado River	L 66 to L 78, C3 Rancho Vista		
25 December	2017	\$3,566,534,659	\$2,728,550,276	\$687,752,340	\$150,232,043	---	←December of
26 January	2018	\$3,558,418,257	\$2,722,470,452	\$686,110,683	\$149,837,122	---	year previous
27 February	2018	\$3,550,675,231	\$2,716,764,003	\$684,469,027	\$149,442,201	---	to Prior Year
28 March	2018	\$3,537,623,260	\$2,705,748,610	\$682,827,370	\$149,047,281	---	
29 April	2018	\$3,529,573,487	\$2,699,735,414	\$681,185,713	\$148,652,360	---	
30 May	2018	\$3,520,915,295	\$2,693,113,800	\$679,544,056	\$148,257,439	---	
31 June	2018	\$3,513,773,544	\$2,688,007,655	\$677,903,371	\$147,862,518	---	
32 July	2018	\$3,505,606,086	\$2,681,876,824	\$676,261,665	\$147,467,597	---	
33 August	2018	\$3,509,334,306	\$2,686,523,935	\$675,737,694	\$147,072,677	---	
34 September	2018	\$3,501,122,842	\$2,680,347,959	\$674,097,128	\$146,677,756	---	
35 October	2018	\$3,492,955,377	\$2,674,219,487	\$672,453,055	\$146,282,835	---	
36 November	2018	\$3,485,316,291	\$2,668,619,396	\$670,808,980	\$145,887,914	---	
37 December	2018	\$3,477,624,362	\$2,662,966,447	\$669,164,921	\$145,492,994	---	
38	13 Month Averages:	\$3,519,190,231	\$2,692,995,712	\$678,332,000	\$147,862,518		

5) Total Transmission Activity for Incentive Projects

Prior Year <u>Month</u>	<u>Year</u>	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Source</u>
		Total Transmission Activity for Incentive Projects	Account 360-362 Activity	= C1 - C2 Account 350-359	
39 December	2017	\$0	\$0	\$0	C1: Sum of below projects for each month
40 January	2018	\$327,078	\$0	\$327,078	
41 February	2018	\$696,590	\$0	\$696,590	
42 March	2018	-\$4,611,326	\$0	-\$4,611,326	
43 April	2018	\$320,750	\$0	\$320,750	
44 May	2018	\$755,652	\$0	\$755,652	
45 June	2018	\$7,851,490	\$0	\$7,851,490	
46 July	2018	\$243,858	\$0	\$243,858	
47 August	2018	\$16,199,745	\$0	\$16,199,745	
48 September	2018	\$248,371	\$0	\$248,371	
49 October	2018	\$307,858	\$0	\$307,858	
50 November	2018	\$814,355	\$0	\$814,355	
51 December	2018	\$768,886	\$0	\$768,886	
52 Total		\$23,923,307	\$0	\$23,923,307	

6) Calculation of Prior Year Net Plant in Service amounts for each Incentive Project

Prior Year <u>Month</u>	<u>Year</u>	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>
		Plant In-Service	Accumulated Depreciation	Net Plant In Service	= C1 - Previous Month C1 Transmission Activity
53 December	2017	\$3,042,408,308	\$313,858,031	\$2,728,550,276	\$0
54 January	2018	\$3,042,721,832	\$320,251,380	\$2,722,470,452	\$313,524
55 February	2018	\$3,043,409,824	\$326,645,821	\$2,716,764,003	\$687,992
56 March	2018	\$3,038,790,330	\$333,041,721	\$2,705,748,610	-\$4,619,494
57 April	2018	\$3,039,161,611	\$339,426,197	\$2,699,735,414	\$371,281
58 May	2018	\$3,038,925,134	\$345,811,335	\$2,693,113,800	-\$236,477
59 June	2018	\$3,040,203,649	\$352,195,995	\$2,688,007,655	\$1,278,515
60 July	2018	\$3,040,460,234	\$358,583,410	\$2,681,876,824	\$256,584
61 August	2018	\$3,052,516,013	\$365,992,078	\$2,686,523,935	\$12,055,779
62 September	2018	\$3,052,753,492	\$372,405,534	\$2,680,347,959	\$237,479
63 October	2018	\$3,053,038,983	\$378,819,496	\$2,674,219,487	\$285,491
64 November	2018	\$3,053,853,430	\$385,234,034	\$2,668,619,396	\$814,447
65 December	2018	\$3,054,617,061	\$391,650,614	\$2,662,966,447	\$763,631

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b) Rancho Vista

	<u>Prior Year Month</u>	<u>Col 1</u>		<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
		<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
66	December	2017	\$191,500,874	\$41,268,831	\$150,232,043	\$0
67	January	2018	\$191,500,874	\$41,663,752	\$149,837,122	\$0
68	February	2018	\$191,500,874	\$42,058,672	\$149,442,201	\$0
69	March	2018	\$191,500,874	\$42,453,593	\$149,047,281	\$0
70	April	2018	\$191,500,874	\$42,848,514	\$148,652,360	\$0
71	May	2018	\$191,500,874	\$43,243,435	\$148,257,439	\$0
72	June	2018	\$191,500,874	\$43,638,355	\$147,862,518	\$0
73	July	2018	\$191,500,874	\$44,033,276	\$147,467,597	\$0
74	August	2018	\$191,500,874	\$44,428,197	\$147,072,677	\$0
75	September	2018	\$191,500,874	\$44,823,118	\$146,677,756	\$0
76	October	2018	\$191,500,874	\$45,218,038	\$146,282,835	\$0
77	November	2018	\$191,500,874	\$45,612,959	\$145,887,914	\$0
78	December	2018	\$191,500,874	\$46,007,880	\$145,492,994	\$0

c) Devers to Colorado River

	<u>Prior Year Month</u>	<u>Col 1</u>		<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
		<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
79	December	2017	\$773,570,554	\$85,818,214	\$687,752,340	\$0
80	January	2018	\$773,570,554	\$87,459,871	\$686,110,683	\$0
81	February	2018	\$773,570,554	\$89,101,527	\$684,469,027	\$0
82	March	2018	\$773,570,554	\$90,743,184	\$682,827,370	\$0
83	April	2018	\$773,570,554	\$92,384,841	\$681,185,713	\$0
84	May	2018	\$773,570,553	\$94,026,497	\$679,544,056	\$0
85	June	2018	\$773,571,525	\$95,668,154	\$677,903,371	\$972
86	July	2018	\$773,571,478	\$97,309,813	\$676,261,665	-\$47
87	August	2018	\$774,689,166	\$98,951,472	\$675,737,694	\$1,117,688
88	September	2018	\$774,692,652	\$100,595,524	\$674,097,128	\$3,486
89	October	2018	\$774,692,638	\$102,239,583	\$672,453,055	-\$13
90	November	2018	\$774,692,623	\$103,883,642	\$670,808,980	-\$15
91	December	2018	\$774,692,623	\$105,527,702	\$669,164,921	\$0

d) South of Kramer

	<u>Prior Year Month</u>	<u>Col 1</u>		<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
		<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
92	December	2017	\$0	\$0	\$0	\$0
93	January	2018	\$0	\$0	\$0	\$0
94	February	2018	\$0	\$0	\$0	\$0
95	March	2018	\$0	\$0	\$0	\$0
96	April	2018	\$0	\$0	\$0	\$0
97	May	2018	\$0	\$0	\$0	\$0
98	June	2018	\$0	\$0	\$0	\$0
99	July	2018	\$0	\$0	\$0	\$0
100	August	2018	\$0	\$0	\$0	\$0
101	September	2018	\$0	\$0	\$0	\$0
102	October	2018	\$0	\$0	\$0	\$0
103	November	2018	\$0	\$0	\$0	\$0
104	December	2018	\$0	\$0	\$0	\$0

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e) West of Devers

	<u>Prior Year Month</u>	<u>Col 1</u>		<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
		<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
105	December	2017	\$0	\$0	\$0	\$0
106	January	2018	\$0	\$0	\$0	\$0
107	February	2018	\$0	\$0	\$0	\$0
108	March	2018	\$0	\$0	\$0	\$0
109	April	2018	\$0	\$0	\$0	\$0
110	May	2018	\$0	\$0	\$0	\$0
111	June	2018	\$0	\$0	\$0	\$0
112	July	2018	\$0	\$0	\$0	\$0
113	August	2018	\$3,026,397	\$0	\$3,026,397	\$3,026,397
114	September	2018	\$3,026,222	\$6,229	\$3,019,992	-\$175
115	October	2018	\$3,041,796	\$12,458	\$3,029,338	\$15,574
116	November	2018	\$3,043,059	\$18,719	\$3,024,340	\$1,263
117	December	2018	\$3,046,911	\$24,983	\$3,021,928	\$3,852

f) Red Bluff

	<u>Prior Year Month</u>	<u>Col 1</u>		<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
		<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
118	December	2017	\$235,653,723	\$25,546,854	\$210,106,869	\$0
119	January	2018	\$235,653,723	\$26,043,605	\$209,610,118	\$0
120	February	2018	\$235,653,723	\$26,540,356	\$209,113,368	\$0
121	March	2018	\$235,653,723	\$27,037,106	\$208,616,617	\$0
122	April	2018	\$235,653,723	\$27,533,857	\$208,119,866	\$0
123	May	2018	\$235,653,723	\$28,030,607	\$207,623,116	\$0
124	June	2018	\$235,653,723	\$28,527,358	\$207,126,365	\$0
125	July	2018	\$235,653,723	\$29,024,108	\$206,629,615	\$0
126	August	2018	\$235,653,723	\$29,520,859	\$206,132,864	\$0
127	September	2018	\$235,653,723	\$30,017,610	\$205,636,114	\$0
128	October	2018	\$235,653,784	\$30,514,360	\$205,139,424	\$61
129	November	2018	\$235,653,781	\$31,011,111	\$204,642,670	-\$3
130	December	2018	\$235,653,781	\$31,507,862	\$204,145,919	\$0

g) Whirlwind Substation Expansion

	<u>Prior Year Month</u>	<u>Col 1</u>		<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
		<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
131	December	2017	\$87,531,655	\$4,897,105	\$82,634,551	\$0
132	January	2018	\$87,544,339	\$5,077,375	\$82,466,964	\$12,684
133	February	2018	\$87,551,178	\$5,257,671	\$82,293,506	\$6,839
134	March	2018	\$87,558,240	\$5,437,981	\$82,120,258	\$7,062
135	April	2018	\$87,558,733	\$5,618,306	\$81,940,427	\$494
136	May	2018	\$87,567,792	\$5,798,632	\$81,769,160	\$9,059
137	June	2018	\$87,585,661	\$5,978,977	\$81,606,685	\$17,869
138	July	2018	\$87,554,471	\$6,159,358	\$81,395,114	-\$31,190
139	August	2018	\$87,554,226	\$6,339,675	\$81,214,551	-\$245
140	September	2018	\$87,560,374	\$6,519,991	\$81,040,382	\$6,147
141	October	2018	\$87,573,156	\$6,700,321	\$80,872,836	\$12,783
142	November	2018	\$87,571,820	\$6,880,676	\$80,691,144	-\$1,336
143	December	2018	\$87,571,820	\$7,061,029	\$80,510,791	\$0

h) Colorado River Substation Expansion

	Prior Year Month	Col 1		Col 2	Col 3	Col 4
		Year	Plant In-Service	Accumulated Depreciation	= C1 - C2	Net Plant In Service
144	December	2017	\$71,499,907	\$7,769,637	\$63,730,269	\$0
145	January	2018	\$71,500,777	\$7,917,799	\$63,582,978	\$870
146	February	2018	\$71,502,536	\$8,065,962	\$63,436,574	\$1,759
147	March	2018	\$71,503,641	\$8,214,128	\$63,289,513	\$1,105
148	April	2018	\$71,452,617	\$8,362,297	\$63,090,320	-\$51,024
149	May	2018	\$71,454,563	\$8,510,361	\$62,944,202	\$1,946
150	June	2018	\$71,460,731	\$8,658,429	\$62,802,302	\$6,168
151	July	2018	\$71,461,054	\$8,806,510	\$62,654,544	\$323
152	August	2018	\$71,461,054	\$8,954,591	\$62,506,463	\$0
153	September	2018	\$71,460,709	\$9,102,673	\$62,358,036	-\$345
154	October	2018	\$71,454,672	\$9,250,753	\$62,203,919	-\$6,037
155	November	2018	\$71,454,672	\$9,398,821	\$62,055,851	\$0
156	December	2018	\$71,454,672	\$9,546,889	\$61,907,783	\$0

i) Mesa

	Prior Year Month	Col 1		Col 2	Col 3	Col 4
		Year	Plant In-Service	Accumulated Depreciation	= C1 - C2	Net Plant In Service
157	December	2017	\$1,657,268	\$0	\$1,657,268	\$0
158	January	2018	\$1,657,268	\$0	\$1,657,268	\$0
159	February	2018	\$1,657,268	\$0	\$1,657,268	\$0
160	March	2018	\$1,657,268	\$0	\$1,657,268	\$0
161	April	2018	\$1,657,268	\$0	\$1,657,268	\$0
162	May	2018	\$2,638,392	\$0	\$2,638,392	\$981,124
163	June	2018	\$9,186,358	\$2,494	\$9,183,865	\$6,547,966
164	July	2018	\$9,204,547	\$18,612	\$9,185,935	\$18,189
165	August	2018	\$9,204,673	\$34,775	\$9,169,897	\$126
166	September	2018	\$9,206,451	\$50,939	\$9,155,512	\$1,778
167	October	2018	\$9,206,451	\$67,106	\$9,139,345	\$0
168	November	2018	\$9,206,451	\$83,274	\$9,123,177	\$0
169	December	2018	\$9,207,853	\$99,442	\$9,108,412	\$1,402

j) Alberhill

	Prior Year Month	Col 1		Col 2	Col 3	Col 4
		Year	Plant In-Service	Accumulated Depreciation	= C1 - C2	Net Plant In Service
170	December	2017	\$0	\$0	\$0	\$0
171	January	2018	\$0	\$0	\$0	\$0
172	February	2018	\$0	\$0	\$0	\$0
173	March	2018	\$0	\$0	\$0	\$0
174	April	2018	\$0	\$0	\$0	\$0
175	May	2018	\$0	\$0	\$0	\$0
176	June	2018	\$0	\$0	\$0	\$0
177	July	2018	\$0	\$0	\$0	\$0
178	August	2018	\$0	\$0	\$0	\$0
179	September	2018	\$0	\$0	\$0	\$0
180	October	2018	\$0	\$0	\$0	\$0
181	November	2018	\$0	\$0	\$0	\$0
182	December	2018	\$0	\$0	\$0	\$0

k) ELM Series Caps		Col 1	Col 2	Col 3 = C1 - C2	Col 4 = C1 - Previous Month C1
Prior Year Month	Year	Plant In-Service	Accumulated Depreciation	Net Plant In Service	Transmission Activity
183 December	2017	\$0	\$0	\$0	\$0
184 January	2018	\$0	\$0	\$0	\$0
185 February	2018	\$0	\$0	\$0	\$0
186 March	2018	\$0	\$0	\$0	\$0
187 April	2018	\$0	\$0	\$0	\$0
188 May	2018	\$0	\$0	\$0	\$0
189 June	2018	\$0	\$0	\$0	\$0
190 July	2018	\$0	\$0	\$0	\$0
191 August	2018	\$0	\$0	\$0	\$0
192 September	2018	\$0	\$0	\$0	\$0
193 October	2018	\$0	\$0	\$0	\$0
194 November	2018	\$0	\$0	\$0	\$0
195 December	2018	\$0	\$0	\$0	\$0

6) Summary of Incentive Projects and incentives granted

A) Rancho Vista Incentives Received:		Cite:
CWIP:	Yes	121 FERC ¶ 61,168 at P 57
ROE adder:	0.75%	121 FERC ¶ 61,168 at P 129
100% Abandoned Plant:	No	-----
B) Tehachapi Incentives Received:		Cite:
CWIP:	Yes	121 FERC ¶ 61,168 at P 57
ROE adder:	1.25%	121 FERC ¶ 61,168 at P 129
100% Abandoned Plant:	Yes	121 FERC ¶ 61,168 at P 71
C) Devers to Colorado River Incentives Received:		Cite:
CWIP:	Yes	121 FERC ¶ 61,168 at P 57
ROE adder:	1.00%	121 FERC ¶ 61,168 at 129; modified by ER10-160 Settlement, see P2 and P3
100% Abandoned Plant:	Yes	121 FERC ¶ 61,168 at P 71
D) Devers to Palo Verde 2 Incentives Received:		Cite:
CWIP:	No	121 FERC ¶ 61,168 at P 57; modified by ER10-160 Settlement, see P2 and P3
ROE adder:	0.00%	121 FERC ¶ 61,168 at P 129; modified by ER10-160 Settlement, see P 3 and P 7
100% Abandoned Plant:	Yes	121 FERC ¶ 61,168 at P 71
E) South of Kramer Incentives Received:		Cite:
CWIP:	Yes	134 FERC ¶ 61,181 at P 79
ROE adder:	0.00%	---
100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79
F) West of Devers Incentives Received:		Cite:
CWIP:	Yes	134 FERC ¶ 61,181 at P 79
ROE adder:	0.00%	---
100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79
G) Red Bluff Incentives Received:		Cite:
CWIP:	Yes	133 FERC ¶ 61,107 at P 76
ROE adder:	0.00%	133 FERC ¶ 61,107 at P 102
100% Abandoned Plant:	Yes	133 FERC ¶ 61,107 at P 88
H) Whirlwind Substation Expansion Incentives Received:		Cite:
CWIP:	Yes	134 FERC ¶ 61,181 at P 79
ROE adder:	0.00%	---
100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79
I) Colorado River Substation Expansion Incentives Received:		Cite:
CWIP:	Yes	134 FERC ¶ 61,181 at P 79
ROE adder:	0.00%	---
100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79
J) Mesa		Cite:
CWIP:	Yes	161 FERC ¶ 61,107 at P35
ROE adder:	0.00%	---
100% Abandoned Plant:	No	---

	K) Alberhill		Cite:	
229	CWIP:	Yes	161 FERC ¶ 61,107 at P35	
230	ROE adder:	0.00%	---	
231	100% Abandoned Plant:	Yes	161 FERC ¶ 61,107 at P 21	
	L) ELM Series Caps		Cite:	
232	CWIP:	Yes	161 FERC ¶ 61,107 at P35	
233	ROE adder:	0.00%	---	
234	100% Abandoned Plant:	Yes	161 FERC ¶ 61,107 at P 21	
	M) Future Incentive Projects		Cite:	
235	CWIP:			
236	ROE adder:			
237	100% Abandoned Plant:			
	...			

Instructions:

- 1) Upon Commission approval of any incentives for additional projects, add additional projects and provide cite to the Commission decision.

Determination of Incentive Adders Components of the TRR

Input data is shaded yellow

Two Incentive Adders are calculated:

- The Prior Year Incentive Adder is a component of the Prior Year TRR.
- The True Up Incentive Adder is a component of the True Up TRR.

1) Calculation of Incremental Return on Equity Factor

The Incremental Return on Equity Factor is the incremental Prior Year TRR expressed per 100 basis points of ROE incentive, for each million dollars of Incentive Net Plant. It is calculated according to the following formula:

$$IREF = CSCP * 0.01 * (1/(1 - CTR)) * \$1,000,000$$

<u>Line</u>	where:	<u>Value</u>	<u>Source</u>
1	CSCP = Common Stock Capital Percentage	47.4677%	1-BaseTRR, L 47
2	CTR = Composite Tax Rate	27.9836%	1-BaseTRR, L 59
3	IREF =	\$6,591	Above formula

2) Determination of multiplicative factors for use in calculating Incentive Adders:

Multiplicative factors are used to calculate the Incentive Adders on an Transmission Incentive Project specific basis.
Multiplicative factor for each project is the ratio of its ROE adder to 1%.

<u>Line</u>		<u>ROE Adder</u>	<u>Multiplicative Factor</u>	<u>Source</u>
4	1) Rancho Vista	0.75%	0.75	14-IncentivePlant, L 197
5	2) Tehachapi	1.25%	1.25	14-IncentivePlant, L 200
6	3) Devers to Col. River	1.00%	1.00	14-IncentivePlant, L 203
7				
8	...			

3) Calculation of Prior Year Incentive Adder (EOY)

- Determine Prior Year Incentive Adder for each Incentive Project by multiplying the IREF, the Multiplicative Factor, and the million \$ of Prior Year Incentive Rate Base.
- Sum project-specific Incentive Adders to yield the total Prior Year Incentive Adder.

<u>Line</u>		<u>Prior Year Incentive Rate Base</u>	<u>Multiplicative Factor</u>	<u>Prior Year Incentive Adder</u>	<u>Source</u>
9	1) Rancho Vista	\$145,492,994	0.75	\$719,234	14-IncentivePlant, L 13, Col. 1
10	2) Tehachapi	\$2,663,122,730	1.25	\$21,941,576	14-IncentivePlant, L 14, Col. 1
11	3) Devers to Col. River	\$669,164,921	1.00	\$4,410,622	14-IncentivePlant, L 15, Col. 1
12					
13	...				
14		Prior Year Incentive Adder =		\$27,071,432	Sum of above PY Incentive Adders for each individual project

4) Calculation of True-Up Incentive Adder

- Determine True Up Incentive Adder for each Incentive Project by multiplying the IREF, the Multiplicative Factor, and the million \$ of True Up Incentive Net Plant.
- Sum project-specific Incentive Adders to yield the total True Up Incentive Adder.

<u>Line</u>		<u>True-Up Incentive Net Plant</u>	<u>Multiplicative Factor</u>	<u>True-Up Incentive Adder</u>	<u>Source</u>
15	1) Rancho Vista	\$147,862,518	0.75	\$730,947	14-IncentivePlant, L 19, Col. 1
16	2) Tehachapi	\$2,693,150,442	1.25	\$22,188,976	14-IncentivePlant, L 20, Col. 1
17	3) Devers to Col. River	\$678,332,000	1.00	\$4,471,044	14-IncentivePlant, L 21, Col. 1
18					
19	...				
20		True-Up Incentive Adder =		\$27,390,967	Sum of above PY Incentive Adders for each individual project

5) Calculation of Total ROE for Plant-In Service in the True Up TRR

a) Transmission Incentive Plant Net Plant In Service

<u>Line</u>	<u>Incentive Project</u>	13-Month Avg.	
		<u>TIP Net Plant In Service</u>	<u>Source</u>
21	1) Rancho Vista	\$147,862,518	14-IncentivePlant, L 19, Col. 3
22	2) Tehachapi	\$2,692,995,712	14-IncentivePlant, L 20, Col. 3
23	3) Devers to Col. River	\$678,332,000	14-IncentivePlant, L 21, Col. 3
24			
		...	

b) Calculation of ROE Adders on TIP Net Plant In Service

<u>Line</u>	<u>Incentive Project</u>	<u>Col 1</u>	<u>Col 2</u>	<u>Source</u>
		<u>True Up Incentive Adder</u>	<u>After-Tax True Up Incentive Adder</u>	
25	1) Rancho Vista	\$730,947	\$526,402	See Note 1
26	2) Tehachapi	\$22,187,701	\$15,978,784	See Note 1
27	3) Devers to Col. River	\$4,471,044	\$3,219,885	See Note 1
28				See Note 1
29		...		
30		Total:	\$19,725,070	

c) Equity Portion of Plant In Service Rate Base

<u>Line</u>		<u>Amount</u>	<u>Source</u>
31	Total Rate Base:	\$5,682,934,550	4-TUTRR, Line 18
32	CWIP Portion of Rate Base:	\$297,221,934	4-TUTRR, Line 14
33	Plant In Service Rate Base:	\$5,385,712,615	Line 31 - Line 32
34	Equity percentage:	47.4677%	1-BaseTRR, Line 47
35	Equity Portion of Plant In Service Rate Base:	\$2,556,473,025	Line 33 * Line 34

d) Total ROE for Plant In Service in the True Up TRR

<u>Line</u>			
36	Plant In Service ROE Adder Percentage:	0.77%	Line 30 / Line 35
37	Base ROE (Including 50 basis point CAISO Participation Adder):	<u>12.47%</u>	1-BaseTRR, Line 50
39	Total ROE for Plant In Service in True Up TRR:	13.24%	Line 36 + Line 38

Instructions:

- 1) If additional projects receive ROE adders, add to end of lists, and include in calculation of each Incentive Adder.

Notes:

- 1) Column 1: The True Up Incentive Adder for each Incentive Project equals the IREF on Line 3, times the applicable Multiplicative Factor on Lines 15 to 18, times the million \$ of TIP Net Plant In Service on Lines 21 to 24.
- Column 2: The After Tax True Up Incentive Adder is derived by multiplying the amounts in Column 1 by (1 - CTR) (Where the CTR is on Line 2).

Forecast Plant Additions for In-Service ISO Transmission Plant

Yellow shaded cells are Input Data

Forecast Plant Additions represents the total increase in ISO Transmission Net Plant, not including CWIP, during the Rate Year, incremental to the year-end Prior Year amount. It is calculated on a 13-Month Average Basis during the Rate Year.

1) Total Plant Additions Forecast (See Note 1)

Line	Forecast Period Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
			See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2
1	January	2019	\$27,548,061	\$6,281,866	\$1,594,965	\$1,816,719	\$20,892,269	\$626,768	\$27,953,074	\$0	\$1,816,719	\$29,769,794	\$304,089	\$309,137
2	February	2019	\$25,936,114	\$8,098,569	\$1,337,816	\$1,492,110	\$17,159,262	\$514,778	\$54,249,673	\$63,771	-\$3,245,058	\$57,494,731	\$608,179	\$618,275
3	March	2019	\$19,173,526	\$1,470,853	\$1,327,700	\$1,479,525	\$17,014,540	\$510,436	\$73,781,810	\$123,762	-\$4,600,821	\$78,382,631	\$912,268	\$927,412
4	April	2019	\$21,209,437	\$1,877,034	\$1,449,930	\$1,621,353	\$18,645,556	\$559,367	\$95,379,191	\$168,322	-\$6,053,853	\$101,433,044	\$1,216,358	\$1,236,550
5	May	2019	\$33,277,607	\$13,728,302	\$1,466,198	\$1,616,394	\$18,588,534	\$557,656	\$129,064,257	\$217,593	-\$7,452,654	\$136,516,912	\$1,520,447	\$1,545,687
6	June	2019	\$32,464,003	\$3,610,439	\$2,164,017	\$2,386,336	\$27,442,861	\$823,286	\$162,129,228	\$294,440	-\$9,544,550	\$171,673,778	\$1,824,537	\$1,854,824
7	July	2019	\$35,910,134	\$12,397,414	\$1,763,454	\$2,007,626	\$23,087,699	\$692,631	\$198,487,822	\$369,872	-\$11,182,304	\$209,670,125	\$2,128,626	\$2,163,962
8	August	2019	\$30,638,859	\$10,294,450	\$1,525,831	\$1,710,203	\$19,667,331	\$590,020	\$229,532,328	\$452,819	-\$12,439,688	\$241,972,016	\$2,432,716	\$2,473,099
9	September	2019	\$22,177,331	\$4,046,086	\$1,359,843	\$1,505,915	\$17,318,017	\$519,541	\$252,083,129	\$523,642	-\$13,421,960	\$265,505,089	\$2,736,805	\$2,782,236
10	October	2019	\$27,980,842	\$8,635,814	\$1,450,877	\$1,612,224	\$18,540,582	\$556,217	\$280,458,841	\$575,088	-\$14,459,097	\$294,917,938	\$3,040,895	\$3,091,374
11	November	2019	\$40,238,480	\$19,044,218	\$1,589,570	\$1,781,094	\$20,482,585	\$614,478	\$321,120,274	\$639,823	-\$15,600,369	\$336,720,643	\$3,344,984	\$3,400,511
12	December	2019	\$74,972,045	\$37,391,700	\$2,818,526	\$2,999,928	\$34,499,173	\$1,034,975	\$396,945,892	\$732,585	-\$17,867,711	\$414,813,603	\$3,649,074	\$3,709,649
13	January	2020	\$54,691,485	\$5,430,333	\$3,694,586	\$4,229,534	\$48,639,637	\$1,459,189	\$452,561,619	\$905,570	-\$21,191,675	\$473,753,294	\$3,879,922	\$3,944,329
14	February	2020	\$15,752,277	\$0	\$1,181,421	\$1,347,770	\$15,499,358	\$464,981	\$468,612,527	\$1,032,448	-\$21,506,997	\$490,119,524	\$4,110,771	\$4,179,010
15	March	2020	\$15,812,277	\$0	\$1,185,921	\$1,347,770	\$15,499,358	\$464,981	\$484,727,935	\$1,069,066	-\$21,785,702	\$506,513,637	\$4,341,620	\$4,413,690
16	April	2020	\$25,329,556	\$49,379	\$1,896,013	\$2,154,270	\$24,774,102	\$743,223	\$510,542,457	\$1,105,830	-\$22,834,141	\$533,376,598	\$4,572,468	\$4,648,371
17	May	2020	\$39,541,409	\$2,622,463	\$2,768,921	\$3,155,204	\$36,284,845	\$1,088,545	\$550,786,129	\$1,164,722	-\$24,824,623	\$575,610,752	\$4,803,317	\$4,883,052
18	June	2020	\$25,657,522	\$200,067	\$1,909,309	\$2,182,416	\$25,097,780	\$752,933	\$576,923,478	\$1,256,532	-\$25,750,507	\$602,673,985	\$5,211,832	
19	July	2020	\$15,752,277	\$0	\$1,181,421	\$1,347,770	\$15,499,358	\$464,981	\$592,974,386	\$1,316,160	-\$25,782,117	\$618,756,503	\$5,357,577	\$5,446,513
20	August	2020	\$24,890,698	\$1,489,047	\$1,755,124	\$2,005,617	\$23,064,590	\$691,938	\$618,306,529	\$1,352,778	-\$26,434,956	\$644,741,484	\$12,043,634	\$12,243,558
21	September	2020	\$15,762,277	\$0	\$1,182,171	\$1,347,770	\$15,499,358	\$464,981	\$634,368,187	\$1,410,569	-\$26,372,157	\$660,740,344	\$12,274,482	\$12,478,239
22	October	2020	\$16,910,099	\$39,909	\$1,265,258	\$1,443,043	\$16,594,996	\$497,850	\$651,598,260	\$1,447,211	-\$26,367,989	\$677,966,249	\$13,653,064	\$13,879,705
23	November	2020	\$16,601,663	\$1,347	\$1,245,024	\$1,411,242	\$16,229,280	\$486,878	\$668,520,584	\$1,486,519	-\$26,292,712	\$694,813,296	\$13,883,912	\$14,114,385
24	December	2020	\$223,195,142	\$111,596,965	\$8,369,863	\$7,308,361	\$84,046,149	\$2,521,384	\$895,298,613	\$1,525,125	-\$32,075,948	\$927,374,561	\$14,114,761	\$14,349,066
25	13-Month Averages:								\$577,089,738			\$601,634,910		\$7,961,646

2) Incentive Plant Forecast (See Note 1)

Line	Forecast Period Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
			C4 10-CWIP L30-53	C5 10-CWIP L30-53	C6 10-CWIP L30-53	N/A	N/A	N/A	= Prior Month C7 +C1+C3	= Prior Month C7 * L91/12	= Prior Month C9 - C4 + C8	=C7-C9	=C11*(1-L75) * (1+L74+L76)	
26	January	2019	\$141,555	\$0	\$10,617	\$0	\$0	\$0	\$152,171	\$0	\$0	\$152,171	\$0	\$0
27	February	2019	\$6,841,512	\$6,354,081	\$36,557	\$0	\$0	\$0	\$7,030,241	\$347	\$347	\$7,029,894	\$0	\$0
28	March	2019	\$498,892	\$0	\$37,417	\$0	\$0	\$0	\$7,566,550	\$16,038	\$16,386	\$7,550,164	\$0	\$0
29	April	2019	\$479,465	\$0	\$35,960	\$0	\$0	\$0	\$8,081,974	\$17,262	\$33,647	\$8,048,327	\$0	\$0
30	May	2019	\$754,022	\$0	\$56,552	\$0	\$0	\$0	\$8,892,548	\$18,438	\$52,085	\$8,840,463	\$0	\$0
31	June	2019	\$1,797,384	\$691,910	\$82,911	\$0	\$0	\$0	\$10,772,843	\$20,287	\$72,372	\$10,700,471	\$0	\$0
32	July	2019	\$168,232	\$0	\$12,617	\$0	\$0	\$0	\$10,953,692	\$24,577	\$96,949	\$10,856,743	\$0	\$0
33	August	2019	\$632,199	\$173,868	\$34,375	\$0	\$0	\$0	\$11,620,266	\$24,989	\$121,938	\$11,498,328	\$0	\$0
34	September	2019	\$776,893	\$156,282	\$46,546	\$0	\$0	\$0	\$12,443,705	\$26,510	\$148,448	\$12,295,257	\$0	\$0
35	October	2019	\$598,232	\$0	\$44,867	\$0	\$0	\$0	\$13,086,805	\$28,388	\$176,836	\$12,909,969	\$0	\$0
36	November	2019	\$696,462	\$212,599	\$36,290	\$0	\$0	\$0	\$13,819,556	\$29,855	\$206,691	\$13,612,865	\$0	\$0
37	December	2019	\$8,311,542	\$5,614,082	\$202,310	\$0	\$0	\$0	\$22,333,407	\$31,527	\$238,219	\$22,095,188	\$0	\$0
38	January	2020	\$80,529	\$0	\$6,040	\$0	\$0	\$0	\$22,419,976	\$50,950	\$289,169	\$22,130,807	\$0	\$0
39	February	2020	\$80,529	\$0	\$6,040	\$0	\$0	\$0	\$22,506,544	\$51,148	\$340,316	\$22,166,228	\$0	\$0
40	March	2020	\$140,529	\$0	\$10,540	\$0	\$0	\$0	\$22,657,613	\$51,345	\$391,662	\$22,265,952	\$0	\$0
41	April	2020	\$230,529	\$0	\$17,290	\$0	\$0	\$0	\$22,905,432	\$51,690	\$443,351	\$22,462,080	\$0	\$0
42	May	2020	\$230,529	\$0	\$17,290	\$0	\$0	\$0	\$23,153,250	\$52,255	\$495,606	\$22,657,644	\$0	\$0
43	June	2020	\$80,529	\$0	\$6,040	\$0	\$0	\$0	\$23,239,819	\$52,820	\$548,427	\$22,691,392	\$0	\$0
44	July	2020	\$80,529	\$0	\$6,040	\$0	\$0	\$0	\$23,326,388	\$53,018	\$601,445	\$22,724,943	\$0	\$0
45	August	2020	\$80,529	\$0	\$6,040	\$0	\$0	\$0	\$23,412,956	\$53,215	\$654,660	\$22,758,296	\$0	\$0
46	September	2020	\$90,529	\$0	\$6,790	\$0	\$0	\$0	\$23,510,275	\$53,413	\$708,073	\$22,802,202	\$0	\$0
47	October	2020	\$90,529	\$0	\$6,790	\$0	\$0	\$0	\$23,607,594	\$53,635	\$761,708	\$22,845,885	\$0	\$0
48	November	2020	\$190,529	\$0	\$14,290	\$0	\$0	\$0	\$23,812,412	\$53,857	\$815,565	\$22,996,847	\$0	\$0
49	December	2020	\$43,140,404	\$16,523,166	\$1,996,293	\$0	\$0	\$0	\$68,949,109	\$54,324	\$869,890	\$68,079,220	\$0	\$0

Schedule 16
Plant Additions

3) Non-Incentive Plant Forecast (See Note 1)

	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	
			=C1-C2)*L74	=C1-C2+C3)*L75	=C1-C2+C3-C4	=C5*L76	= Prior Month C2 +C2+C5+C6	= Prior Month C7 * L91/12	= Prior Month C9 - C4 + C8	=C7-C9		=C11*(1-L75) *(1+L74+L76)	
Line	Forecast Period Month	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Cost of Removal	Eligible Plant Additions	AFUDC	Incremental Gross Plant	Depreciation Accrual	Incremental Reserve	Net Plant	Unloaded Low Voltage Additions	Loaded Low Voltage Additions
50	January	2019	\$27,406,506	\$6,281,866	\$1,584,348	\$1,816,719	\$20,892,269	\$626,768	\$27,800,903	\$0	\$1,816,719	\$29,617,622	\$304,089
51	February	2019	\$19,094,602	\$1,744,489	\$1,301,259	\$1,492,110	\$17,159,262	\$514,778	\$47,219,432	\$63,423	\$-3,245,405	\$50,464,837	\$608,179
52	March	2019	\$18,674,634	\$1,470,853	\$1,290,284	\$1,479,525	\$17,014,540	\$510,436	\$66,215,260	\$107,724	\$-4,617,207	\$70,832,467	\$912,268
53	April	2019	\$20,729,972	\$1,877,034	\$1,413,970	\$1,621,353	\$18,645,556	\$559,367	\$87,297,217	\$151,060	\$-6,087,500	\$93,384,717	\$1,216,358
54	May	2019	\$32,523,584	\$13,728,302	\$1,409,646	\$1,616,394	\$18,588,534	\$557,656	\$120,171,709	\$199,155	\$-7,504,739	\$127,676,449	\$1,520,447
55	June	2019	\$30,666,619	\$2,918,529	\$2,081,107	\$2,386,336	\$27,442,861	\$823,286	\$151,356,385	\$274,153	\$-9,616,922	\$160,973,308	\$1,824,537
56	July	2019	\$35,741,902	\$12,397,414	\$1,750,837	\$2,007,626	\$23,087,699	\$692,631	\$187,534,129	\$345,296	\$-11,279,252	\$198,813,382	\$2,128,626
57	August	2019	\$30,006,660	\$10,120,582	\$1,491,456	\$1,710,203	\$19,667,331	\$590,020	\$217,912,062	\$427,830	\$-12,561,626	\$230,473,688	\$2,432,716
58	September	2019	\$21,400,438	\$8,889,803	\$1,313,298	\$1,505,915	\$17,318,017	\$519,541	\$239,639,423	\$497,132	\$-13,570,408	\$253,209,831	\$2,736,805
59	October	2019	\$27,382,610	\$8,635,814	\$1,406,010	\$1,612,224	\$18,540,582	\$556,217	\$267,372,037	\$546,700	\$-14,635,933	\$282,007,968	\$3,040,895
60	November	2019	\$39,542,018	\$18,831,619	\$1,553,280	\$1,781,094	\$20,482,585	\$614,478	\$307,300,718	\$609,967	\$-15,807,060	\$323,107,778	\$3,344,984
61	December	2019	\$66,660,503	\$31,777,619	\$2,616,216	\$2,999,928	\$34,499,173	\$1,034,975	\$374,612,484	\$701,058	\$-18,105,930	\$392,718,414	\$3,649,074
62	January	2020	\$54,610,956	\$5,430,333	\$3,688,547	\$4,229,534	\$48,639,637	\$1,459,189	\$430,141,643	\$854,619	\$-21,480,844	\$451,622,487	\$3,879,922
63	February	2020	\$15,671,748	\$0	\$1,175,381	\$1,347,770	\$15,499,358	\$464,981	\$446,105,982	\$981,300	\$-21,847,314	\$467,953,296	\$4,110,771
64	March	2020	\$15,671,748	\$0	\$1,175,381	\$1,347,770	\$15,499,358	\$464,981	\$462,070,322	\$1,017,721	\$-22,177,364	\$484,247,685	\$4,341,620
65	April	2020	\$25,099,027	\$49,379	\$1,878,724	\$2,154,270	\$24,774,102	\$743,223	\$487,637,025	\$1,054,141	\$-23,277,493	\$510,914,518	\$4,572,468
66	May	2020	\$39,310,880	\$2,622,463	\$2,751,631	\$3,155,204	\$36,284,845	\$1,088,545	\$527,632,879	\$1,112,467	\$-25,320,229	\$552,953,108	\$4,803,317
67	June	2020	\$25,576,993	\$200,067	\$1,903,269	\$2,182,416	\$25,097,780	\$752,933	\$553,683,659	\$1,203,711	\$-26,298,934	\$579,982,593	\$5,126,728
68	July	2020	\$15,671,748	\$0	\$1,175,381	\$1,347,770	\$15,499,358	\$464,981	\$569,647,998	\$1,263,142	\$-26,383,562	\$596,031,560	\$5,357,577
69	August	2020	\$24,810,169	\$1,489,047	\$1,749,084	\$2,005,617	\$23,064,590	\$691,938	\$594,893,572	\$1,299,562	\$-27,089,616	\$621,983,188	\$12,043,634
70	September	2020	\$15,671,748	\$0	\$1,175,381	\$1,347,770	\$15,499,358	\$464,981	\$610,857,912	\$1,357,156	\$-27,080,230	\$637,938,142	\$12,274,482
71	October	2020	\$16,819,480	\$39,909	\$1,258,468	\$1,443,043	\$16,594,996	\$497,850	\$627,990,667	\$1,393,576	\$-27,129,697	\$655,120,364	\$13,653,064
72	November	2020	\$16,411,134	\$1,347	\$1,230,734	\$1,411,242	\$16,229,280	\$486,878	\$644,708,172	\$1,432,662	\$-27,108,277	\$671,816,449	\$13,883,912
73	December	2020	\$180,054,737	\$95,073,799	\$6,373,570	\$7,308,361	\$84,046,149	\$2,521,384	\$826,349,503	\$1,470,800	\$-32,945,838	\$859,295,341	\$14,114,761

4) ISO Corporate Overhead Loader

Line	ISO Corp OH Rate	7.50%
74		

5) ISO Cost of Removal Percent

Line	Cost of Removal Rate	8.00%
75		

6) AFUDC Loader Rate

Line	ISO AFUDC Rate	3.00%
76		

7) Calculation of ISO Depreciation Rate

December Prior Year plant balances and accrual rates are as shown on Schedule 17 Depreciation

Col 1	Col 2	Col 3	Col 4
Line	December Prior Year	Accrual	C2'C3
77	\$87,352,690	0.00%	\$0
78	\$165,261,947	1.67%	\$2,759,875
79	\$643,675,310	2.41%	\$15,512,575
80	\$3,459,763,553	2.84%	\$98,257,285
81	\$2,284,709,799	2.73%	\$62,372,577
82	\$386,542,291	2.84%	\$10,977,801
83	\$1,311,509,387	3.24%	\$42,492,904
84	\$190,891,202	1.73%	\$3,302,418
85	\$83,989,219	2.41%	\$2,024,140
86	\$173,783,603	1.65%	\$2,867,429
87			
88	Sum of Depreciation Expense	\$240,567,004	Sum of C4 Lines 77 to 86
89	Sum of Dec Prior Year Plant	\$8,787,478,998	Sum of C2 Lines 77 to 86
90			
91	Composite Depreciation Rate	2.74%	Line 88 / Line 89

Notes:

- 1) Forecast Period is the calendar year two years after the Prior Year (i.e., PY+2).
- 2) Sum of Incentive Plant Calculations and Non-Incentive Calculations, lines 26-49 and lines 50-73

Depreciation Expense

Input cells are shaded yellow

1) Calculation of Depreciation Expense for Transmission Plant - ISO

Prior Year: 2018

Balances for Transmission Plant - ISO during the Prior Year, including December of previous year: Source: 6-PlantInService, Lines 1-13.

<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>	
FERC Account:												
<u>Line</u>	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
1	Dec 2017	\$87,876,203	\$164,901,118	\$569,698,023	\$3,409,447,774	\$2,283,380,922	\$364,424,080	\$1,245,933,686	\$190,222,489	\$84,920,374	\$172,640,885	\$8,573,445,554
2	Jan 2018	\$87,726,550	\$164,912,802	\$572,332,929	\$3,412,113,168	\$2,283,554,236	\$365,210,290	\$1,262,415,948	\$190,266,139	\$84,940,910	\$172,627,083	\$8,596,100,056
3	Feb 2018	\$87,725,072	\$164,931,368	\$575,091,120	\$3,418,289,127	\$2,283,947,645	\$366,128,750	\$1,263,115,451	\$190,339,338	\$84,952,339	\$172,672,088	\$8,607,192,297
4	Mar 2018	\$87,282,778	\$164,965,584	\$577,997,994	\$3,426,831,317	\$2,284,109,107	\$368,947,731	\$1,265,485,090	\$190,420,082	\$83,759,857	\$172,736,334	\$8,622,535,874
5	Apr 2018	\$87,297,163	\$164,964,204	\$581,033,321	\$3,431,680,464	\$2,284,271,822	\$370,175,481	\$1,264,883,890	\$190,542,108	\$83,819,140	\$172,689,916	\$8,631,357,509
6	May 2018	\$87,298,132	\$164,972,545	\$580,581,318	\$3,433,781,768	\$2,284,323,095	\$370,936,066	\$1,270,451,267	\$190,615,516	\$83,855,423	\$172,705,863	\$8,639,520,992
7	Jun 2018	\$87,307,462	\$165,165,006	\$585,796,088	\$3,444,242,238	\$2,284,518,162	\$371,768,074	\$1,271,328,346	\$190,661,684	\$83,878,067	\$172,883,402	\$8,657,548,529
8	Jul 2018	\$87,306,976	\$165,176,355	\$589,092,910	\$3,447,324,974	\$2,284,562,680	\$372,042,703	\$1,272,813,056	\$190,691,597	\$83,892,934	\$172,836,726	\$8,665,740,912
9	Aug 2018	\$87,330,957	\$165,183,770	\$597,444,040	\$3,455,667,216	\$2,284,539,001	\$381,776,186	\$1,288,343,514	\$190,713,761	\$83,903,902	\$172,900,765	\$8,707,803,114
10	Sep 2018	\$87,331,479	\$165,177,384	\$604,383,753	\$3,456,584,434	\$2,284,549,099	\$383,272,978	\$1,289,977,383	\$190,781,811	\$83,936,902	\$172,921,318	\$8,718,916,541
11	Oct 2018	\$87,345,207	\$165,189,259	\$607,654,477	\$3,452,212,581	\$2,284,577,055	\$384,624,602	\$1,292,243,484	\$190,831,339	\$83,961,794	\$173,487,024	\$8,722,126,822
12	Nov 2018	\$87,344,391	\$165,233,271	\$610,126,156	\$3,458,389,095	\$2,284,536,273	\$385,813,372	\$1,293,205,824	\$190,855,520	\$83,971,831	\$173,636,577	\$8,733,112,310
13	Dec 2018	\$87,352,690	\$165,261,947	\$643,675,310	\$3,459,763,553	\$2,284,709,795	\$386,542,291	\$1,311,509,387	\$190,891,202	\$83,989,219	\$173,783,603	\$8,787,478,998

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15 Depreciation Rates (Percent per year) See Instruction 1.

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<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Month Total</u>	
17a	Dec 2017	0.00%	1.67%	2.41%	2.84%	2.73%	2.84%	3.24%	1.73%	2.41%	1.65%	
17b	Jan 2018	0.00%	1.67%	2.41%	2.84%	2.73%	2.84%	3.24%	1.73%	2.41%	1.65%	
17c	Feb 2018	0.00%	1.67%	2.41%	2.84%	2.73%	2.84%	3.24%	1.73%	2.41%	1.65%	
17d	Mar 2018	0.00%	1.67%	2.41%	2.84%	2.73%	2.84%	3.24%	1.73%	2.41%	1.65%	
17e	Apr 2018	0.00%	1.67%	2.41%	2.84%	2.73%	2.84%	3.24%	1.73%	2.41%	1.65%	
17f	May 2018	0.00%	1.67%	2.41%	2.84%	2.73%	2.84%	3.24%	1.73%	2.41%	1.65%	
17g	Jun 2018	0.00%	1.67%	2.41%	2.84%	2.73%	2.84%	3.24%	1.73%	2.41%	1.65%	
17h	Jul 2018	0.00%	1.67%	2.41%	2.84%	2.73%	2.84%	3.24%	1.73%	2.41%	1.65%	
17i	Aug 2018	0.00%	1.67%	2.41%	2.84%	2.73%	2.84%	3.24%	1.73%	2.41%	1.65%	
17j	Sep 2018	0.00%	1.67%	2.41%	2.84%	2.73%	2.84%	3.24%	1.73%	2.41%	1.65%	
17k	Oct 2018	0.00%	1.67%	2.41%	2.84%	2.73%	2.84%	3.24%	1.73%	2.41%	1.65%	
17l	Nov 2018	0.00%	1.67%	2.41%	2.84%	2.73%	2.84%	3.24%	1.73%	2.41%	1.65%	
17m	Dec 2018	0.00%	1.67%	2.41%	2.84%	2.73%	2.84%	3.24%	1.73%	2.41%	1.65%	
22	FERC Account:											
23	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	
24	Jan 2018	\$0	\$229,487	\$1,144,144	\$8,069,026	\$5,194,692	\$862,470	\$3,364,021	\$274,237	\$170,548	\$237,381	\$19,546,007
25	Feb 2018	\$0	\$229,504	\$1,149,435	\$8,075,334	\$5,195,086	\$864,331	\$3,408,523	\$274,300	\$170,590	\$237,362	\$19,604,466
26	Mar 2018	\$0	\$229,529	\$1,154,975	\$8,089,951	\$5,195,981	\$866,505	\$3,410,412	\$274,406	\$170,613	\$237,424	\$19,629,795
27	Apr 2018	\$0	\$229,577	\$1,160,813	\$8,110,167	\$5,196,348	\$873,176	\$3,416,810	\$274,522	\$168,218	\$237,512	\$19,667,144
28	May 2018	\$0	\$229,575	\$1,166,909	\$8,121,644	\$5,196,718	\$876,082	\$3,415,187	\$274,698	\$168,337	\$237,449	\$19,686,598
29	Jun 2018	\$0	\$229,587	\$1,166,001	\$8,126,617	\$5,196,835	\$877,882	\$3,430,218	\$274,804	\$168,410	\$237,471	\$19,707,824
30	Jul 2018	\$0	\$229,855	\$1,176,474	\$8,151,373	\$5,197,279	\$879,851	\$3,432,587	\$274,871	\$168,455	\$237,715	\$19,748,459
31	Aug 2018	\$0	\$229,870	\$1,183,095	\$8,158,669	\$5,197,380	\$880,501	\$3,436,595	\$274,914	\$168,485	\$237,650	\$19,767,160
32	Sep 2018	\$0	\$229,881	\$1,199,867	\$8,178,412	\$5,197,326	\$903,537	\$3,478,527	\$274,946	\$168,507	\$237,739	\$19,868,742
33	Oct 2018	\$0	\$229,872	\$1,213,804	\$8,180,583	\$5,197,349	\$907,079	\$3,482,939	\$275,044	\$168,573	\$237,767	\$19,893,010
34	Nov 2018	\$0	\$229,888	\$1,220,373	\$8,170,236	\$5,197,413	\$910,278	\$3,489,057	\$275,115	\$168,623	\$238,545	\$19,899,529
35	Dec 2018	\$0	\$229,950	\$1,225,337	\$8,184,854	\$5,197,320	\$913,092	\$3,491,656	\$275,150	\$168,643	\$238,750	\$19,924,752
36	Totals:	\$0	\$2,756,575	\$14,161,225	\$97,616,869	\$62,359,727	\$10,614,785	\$41,256,532	\$3,297,007	\$2,028,002	\$2,852,765	\$236,943,486

Total Annual Depreciation Expense for Transmission Plant - ISO:
(equals sum of monthly amounts)

39 2) Calculation of Depreciation Expense for Distribution Plant - ISO

	<u>360</u>	<u>361</u>	<u>362</u>	<u>Source</u>
42 Distribution Plant - ISO BOY	\$0	\$0	\$0	6-PlantInService Line 15.
43 Distribution Plant - ISO EOY	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	6-PlantInService Line 16.
44 Average BOY/EOY :	\$0	\$0	\$0	

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46 Depreciation Rates (Percent per year) See "18-DepRates".

	<u>360</u>	<u>361</u>	<u>362</u>
48	1.67%	2.39%	2.01%

49

50 Depreciation Expense for Distribution Plant - ISO

See Note 2 and Instruction 2

	<u>360</u>	<u>361</u>	<u>362</u>	<u>Total</u>	
53	\$0	\$0	\$0	\$0	\$0 Total is sum of Depreciation Expense for accounts 360, 361, and 362

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56 3) Calculation of Depreciation Expense for General Plant and Intangible Plant

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58 Total General Plant Depreciation Expense	<u>243,387,703</u>	FF1 336.10f
59 Total Intangible Plant Depreciation Expense	<u>205,114,641</u>	FF1 336.1f
60 Sum of Total General and Total Intangible Depreciation Expense	\$448,502,344	Line 58 + Line 59
61 Transmission Wages and Salaries Allocation Factor	5.9033%	27-Allocators, Line 9
62 General and Intangible Depreciation Expense	\$26,476,609	Line 60 * Line 61

63

64 4) Depreciation Expense

65

	<u>Amount</u>	<u>Source</u>
67 1) Depreciation Expense for Transmission Plant - ISO	\$236,943,486	Line 37, Col 12
68 2) Depreciation Expense for Distribution Plant - ISO	\$0	Line 53
69 3) General and Intangible Depreciation Expense	<u>\$26,476,609</u>	Line 62
70 Depreciation Expense:	\$263,420,095	Line 67 + Line 68 + Line 69

Notes:

1) Depreciation Expense for each account for each month is equal to the previous month balance of Transmission Plant - ISO for that same account, times the Monthly Depreciation Rate for that account. Monthly rate = annual rates on Line 17a etc. divided by 12.

2) Depreciation Expense for each account is equal to the Average BOY/EOY value on Line 44 times the Depreciation Rate on Line 48.

Instructions:

1) Depreciation rates on lines 17a-17m are input based on the stated values of ISO Transmission Plant depreciation rates from Schedule 18 of the Formula Rate Spreadsheet in effect during the Prior Year.

2) In the event that depreciation rates stated on Schedule 18 to be applied to Distribution Plant - ISO are revised mid-year, calculate Depreciation Expense for Distribution Plant - ISO on Line 53 utilizing the weighted-average (by time) of the annual depreciation rates in effect in the Prior Year.

Depreciation Rates**1) Transmission Plant - ISO**

Line	FERC Account	Description	Plant Less Salvage	Removal Cost	Total
1	350.1	Fee Land	0.00%	0.00%	0.00%
2	350.2	Easements	1.67%	0.00%	1.67%
3	352	Structures and Improvements	1.79%	0.62%	2.41%
4	353	Station Equipment	2.39%	0.45%	2.84%
5	354	Towers and Fixtures	1.20%	1.53%	2.73%
6	355	Poles and Fixtures	1.06%	1.78%	2.84%
7	356	Overhead Conductors and Devices	0.78%	2.46%	3.24%
8	357	Underground Conduit	1.73%	0.00%	1.73%
9	358	Underground Conductors and Devices	1.62%	0.79%	2.41%
10	359	Roads and Trails	1.65%	0.00%	1.65%
11					

2) Distribution Plant - ISO

	FERC Account	Description	Plant Less Salvage	Removal Cost	Total
12	360	Land and Land Rights	1.67%	0.00%	1.67%
13	361	Structures and Improvements	1.75%	0.64%	2.39%
14	362	Station Equipment	1.32%	0.69%	2.01%

3) General Plant

	FERC Account	Description	Plant Less Salvage	Removal Cost	Total
15	389	Land and Land Rights	1.67%	0.00%	1.67%
16	390	Structures and Improvements	1.81%	0.27%	2.08%
17	391.1	Office Furniture	5.00%	0.00%	5.00%
18	391.5	Office Equipment	20.00%	0.00%	20.00%
19	391.6	Duplicating Equipment	20.00%	0.00%	20.00%
20	391.2	Personal Computers	20.00%	0.00%	20.00%
21	391.3	Mainframe Computers	20.00%	0.00%	20.00%
22	391.7	PC Software	20.00%	0.00%	20.00%
23	391.4	DDSMS - CPU & Processing	14.29%	0.00%	14.29%
24	391.4	DDSMS - Controllers, Receivers, Comm.	10.00%	0.00%	10.00%
25	391.4	DDSMS - Telemetering & System	6.67%	0.00%	6.67%
26	391.4	DDSMS - Miscellaneous	5.00%	0.00%	5.00%
27	391.4	DDSMS - Map Board	4.00%	0.00%	4.00%
28	393	Stores Equipment	5.00%	0.00%	5.00%
29	395	Laboratory Equipment	6.67%	0.00%	6.67%
30	398	Misc Power Plant Equipment	5.00%	0.00%	5.00%
31	397	Data Network Systems	20.00%	0.00%	20.00%
32	397	Telecom System Equipment	14.29%	0.00%	14.29%
33	397	Netcomm Radio Assembly	10.00%	0.00%	10.00%
34	397	Microwave Equip. & Antenna Assembly	6.67%	0.00%	6.67%
35	397	Telecom Power Systems	5.00%	0.00%	5.00%
36	397	Fiber Optic Communication Cables	4.00%	0.00%	4.00%
37	397	Telecom Infrastructure	2.50%	0.00%	2.50%
38	392	Transportation Equip.	14.29%	0.00%	14.29%
39	394.4	Garage & Shop -- Equip.	10.00%	0.00%	10.00%
40	394.5	Tools & Work Equip. -- Shop	10.00%	0.00%	10.00%
41	396	Power Oper Equip	6.67%	0.00%	6.67%

4) Intangible Plant

	FERC Account	Description	Plant Less Salvage	Removal Cost	Total
42	302	Hydro Relicensing	2.47%	0.00%	2.47%
43	303	Radio Frequency	2.50%	0.00%	2.50%
44	301	Other Intangibles	5.00%	0.00%	5.00%
45	303	Cap Soft 5yr	20.31%	0.00%	20.31%
46	303	Cap Soft 7yr	14.62%	0.00%	14.62%
47	303	Cap Soft 10yr	12.93%	0.00%	12.93%
48	303	Cap Soft 15yr	8.48%	0.00%	8.48%

Operations and Maintenance Expenses

1) Determination of Adjusted Operations and Maintenance Expenses for each account (Note 1)

Col 1	Col 2 = C3 + C4	Col 3	Col 4	Col 5 Note 2	Col 6 = C7 + C8	Col 7	Col 8	Col 9 = C10 + C11	Col 10 = C3 + C7	Col 11 = C4 + C8	
Line	Account/Work Activity	Total Recorded O&M Expenses			Adjustments			Adjusted Recorded O&M Expenses			
		Total	Labor	Non-Labor	Reason	Total	Labor	Non-Labor	Total	Labor	Non-Labor
Transmission Accounts											
1	560 - Operations Supervision and Engineering - Allocated	\$7,858,326	\$4,060,418	\$3,797,908	G	-\$67,500	\$0	(\$67,500)	7,790,826	4,060,418	3,730,408
2	560 - Sylmar/Palo Verde	\$236,782	\$0	\$236,782		\$0	\$0	\$0	236,782	-	236,782
3	561 Load Dispatch - Allocated	\$10,677,344	\$8,445,222	\$2,232,122		\$0	\$0	\$0	10,677,344	8,445,222	2,232,122
4	561.400 Scheduling, System Control and Dispatch Services	\$36,792,220	\$0	\$36,792,220	A	-\$36,792,220	\$0	(\$36,792,220)	-	-	-
5	561.500 Reliability Planning and Standards Development	\$4,373,750	\$3,933,925	\$439,825		\$0	\$0	\$0	4,373,750	3,933,925	439,825
6	562 - Station Expenses - Allocated	\$21,299,111	\$17,032,799	\$4,266,312		\$0	\$0	\$0	21,299,111	17,032,799	4,266,312
7	562 - MOGS Station Expense	\$0	\$0	\$0	B	\$0	\$0	\$0	-	-	-
8	562 - Sylmar/Palo Verde	\$901,304	\$0	\$901,304		\$0	\$0	\$0	901,304	-	901,304
9	563 - Overhead Line Expenses - Allocated	\$5,388,238	\$3,483,356	\$1,904,881		\$0	\$0	\$0	5,388,238	3,483,356	1,904,881
10	564 - Underground Line Expenses - Allocated	\$1,929,614	\$1,629,006	\$300,608		\$0	\$0	\$0	1,929,614	1,629,006	300,608
11	565 - Transmission of Electricity by Others	-\$9,783	\$0	(\$9,783)		\$0	\$0	\$0	(9,783)	-	(9,783)
12	565 - Wheeling Costs	\$17,452,121	\$0	\$17,452,121	C	-\$17,452,121	\$0	(\$17,452,121)	-	-	-
13	565 - WAPA Transmission for Remote Service	\$282,330	\$0	\$282,330		\$0	\$0	\$0	282,330	-	282,330
14	566 - Miscellaneous Transmission Expenses - Allocated	\$43,137,242	\$21,165,534	\$21,971,708	F	-\$7,735	(\$7,034)	(\$701)	43,129,507	21,158,500	21,971,007
15	566 - ISO/RSBA/TSP Balancing Accounts	\$13,032,603	\$284,724	\$12,747,880	D	-\$11,056,670	(\$7,440)	(\$11,049,230)	1,975,933	277,284	1,698,649
16	566 - Sylmar/Palo Verde/Other General Functions	\$1,110,387	\$0	\$1,110,387		\$0	\$0	\$0	1,110,387	-	1,110,387
17	567 - Line Rents - Allocated	\$15,939,487	\$5,614	\$15,933,873		\$0	\$0	\$0	15,939,487	5,614	15,933,873
18	567 - Eldorado	\$82,879	\$0	\$82,879		\$0	\$0	\$0	82,879	-	82,879
19	567 - Sylmar/Palo Verde	\$438,003	\$0	\$438,003		\$0	\$0	\$0	438,003	-	438,003
20	568 - Maintenance Supervision and Engineering - Allocated	\$2,571,657	\$2,231,814	\$339,843		\$0	\$0	\$0	2,571,657	2,231,814	339,843
21	568 - Sylmar/Palo Verde	\$248,127	\$0	\$248,127		\$0	\$0	\$0	248,127	-	248,127
22	569 - Maintenance of Structures - Allocated	\$40,591,067	(\$15,574)	\$40,606,641	E	-\$37,524,555	\$0	(\$37,524,555)	3,066,512	(15,574)	3,082,086
23	569 - Sylmar/Palo Verde	\$147,367	\$0	\$147,367		\$0	\$0	\$0	147,367	-	147,367
24	570 - Maintenance of Station Equipment - Allocated	\$8,094,281	\$4,388,695	\$3,705,586		\$0	\$0	\$0	8,094,281	4,388,695	3,705,586
25	570 - Sylmar/Palo Verde	\$1,007,421	\$14,053	\$993,368		\$0	\$0	\$0	1,007,421	14,053	993,368
26	571 - Maintenance of Overhead Lines - Allocated	\$25,917,292	\$7,348,270	\$18,569,022	F	-\$2,951,737	(\$91,503)	(\$2,860,234)	22,965,555	7,256,766	15,708,788
27	571 - Sylmar/Palo Verde	\$518,175	\$0	\$518,175		\$0	\$0	\$0	518,175	-	518,175
28	572 - Maintenance of Underground Lines - Allocated	\$322,776	\$63,260	\$259,516		\$0	\$0	\$0	322,776	63,260	259,516
29	572 - Sylmar/Palo Verde	\$393	\$0	\$393		\$0	\$0	\$0	393	-	393
30	573 - Maintenance of Miscellaneous Trans. Plant - Allocated	-\$362,672	\$577,048	(\$939,720)		\$0	\$0	\$0	(362,672)	577,048	(939,720)
31	...	---	---	---		\$0	---	---	---	---	---
32	Transmission NOIC (Note 3)	-	-	-		\$10,035,171	\$10,035,171	\$0	\$10,035,171	\$10,035,171	\$0
33	Total Transmission O&M	\$259,977,841	\$74,648,164	\$185,329,677		-\$95,817,368	\$9,929,193	-\$105,746,561	\$164,160,473	\$84,577,357	\$79,583,116
34											

Schedule 19
Operations and Maintenance

TO2020 Annual Update
Attachment1

Col 1	Col 2 = C3 + C4	Col 3	Col 4	Col 5 Note 2	Col 6 = C7 + C8	Col 7	Col 8	Col 9 = C10 + C11	Col 10 = C3 + C7	Col 11 = C4 + C8
Account/Work Activity Rev	Total Recorded O&M Expenses				Adjustments			Adjusted Recorded O&M Expenses		
	Total	Labor	Non-Labor	Reason	Total	Labor	Non-Labor	Total	Labor	Non-Labor
Distribution Accounts										
35 582 - Station Expenses	34,617,001	\$26,689,255	\$7,927,745		-	\$0	\$0	34,617,001	26,689,255	7,927,745
36 590 - Maintenance Supervision and Engineering	2,559,657	\$2,231,690	\$327,968		-	\$0	\$0	2,559,657	2,231,690	327,968
37 591 - Maintenance of Structures	59,401	\$9,755	\$49,645		-	\$0	\$0	59,401	9,755	49,645
38 592 - Maintenance of Station Equipment	9,035,334	\$4,468,502	\$4,566,832		-	\$0	\$0	9,035,334	4,468,502	4,566,832
39 Accounts with no ISO Distribution Costs	486,655,346	\$202,370,099	\$284,285,247	F	(5,413,267)	(\$320,629)	(\$5,092,638)	481,242,079	202,049,470	279,192,609
40 Distribution NOIC (Note 3)	-	-	-		31,695,156	31,695,156	-	31,695,156	31,695,156	-
41 Total Distribution O&M	532,926,739	235,769,301	297,157,437		26,281,888	31,374,527	(5,092,638)	559,208,627	267,143,828	292,064,799
42										
43 Total Transmission and Distribution O&M	792,904,579	310,417,465	482,487,114		(69,535,479)	41,303,720	(110,839,199)	723,369,100	351,721,186	371,647,914
44										
45 Total Transmission O&M Expenses in FERC Form 1:	\$259,977,841	FF1 321.112b	Must equal Line 33, Column 2.							
46 Total Distribution O&M Expenses in FERC Form 1:	\$532,926,739	FF1 322.156b	Must equal Line 41, Column 2.							
47 Total TDBU NOIC	\$41,730,326	20-AandG, Note 2, f								

2) Determination of ISO Operations and Maintenance Expenses for each account (Note 5).

Line	Col 1 <u>Account/Work Activity Rev</u>	Col 2 From C9 above	Col 3 From C10 above	Col 4 From C11 above	Col 5 Note 6	Col 6 = C7 + C8	Col 7 = C3 * C5	Col 8 = C4 * C5	Col 9
		Total	Labor	Non-Labor	ISO	Total	Labor	Non-Labor	Reference
<u>Transmission Accounts</u>									
48	560 - Operations Supervision and Engineering - Allocated	7,790,826	4,060,418	3,730,408	37.1%	2,888,180	1,505,260	1,382,920	27-Allocators Line 42
49	560 - Sylmar/Palo Verde	236,782	-	236,782	100.0%	236,782	-	236,782	100%
50	561 Load Dispatch - Allocated	10,677,344	8,445,222	2,232,122	37.1%	3,958,258	3,130,775	827,482	27-Allocators Line 42
51	561.400 Scheduling, System Control and Dispatch Services	-	-	-	0.0%	-	-	-	0%
52	561.500 Reliability Planning and Standards Development	4,373,750	3,933,925	439,825	100.0%	4,373,750	3,933,925	439,825	100%
53	562 - Station Expenses - Allocated	21,299,111	17,032,799	4,266,312	37.1%	7,895,912	6,314,324	1,581,588	27-Allocators Line 42
54	562 - MOGS Station Expense	-	-	-	0.0%	-	-	-	0%
55	562 - Sylmar/Palo Verde	901,304	-	901,304	100.0%	901,304	-	901,304	100%
56	563 - Overhead Line Expenses - Allocated	5,388,238	3,483,356	1,904,881	46.9%	2,526,830	1,633,531	893,300	27-Allocators Line 30
57	564 - Underground Line Expenses - Allocated	1,929,614	1,629,006	300,608	1.4%	26,579	22,438	4,141	27-Allocators Line 36
58	565 - Transmission of Electricity by Others	(9,783)	-	(9,783)	100.0%	(9,783)	-	(9,783)	100%
59	565 - Wheeling Costs	-	-	-	0.0%	-	-	-	0%
60	565 - WAPA Transmission for Remote Service	282,330	-	282,330	0.0%	-	-	-	0%
61	566 - Miscellaneous Transmission Expenses - Allocated	43,129,507	21,158,500	21,971,007	37.1%	15,988,780	7,843,785	8,144,994	27-Allocators Line 42
62	566 - ISO/RSBA/TSP Balancing Accounts	1,975,933	277,284	1,698,649	0.0%	-	-	-	0%
63	566 - Sylmar/Palo Verde/Other General Functions	1,110,387	-	1,110,387	100.0%	1,110,387	-	1,110,387	100%
64	567 - Line Rents - Allocated	15,939,487	5,614	15,933,873	46.9%	7,474,871	2,633	7,472,238	27-Allocators Line 30
65	567 - Eldorado	82,879	-	82,879	100.0%	82,879	-	82,879	100%
66	567 - Sylmar/Palo Verde	438,003	-	438,003	100.0%	438,003	-	438,003	100%
67	568 - Maintenance Supervision and Engineering - Allocated	2,571,657	2,231,814	339,843	37.1%	953,353	827,368	125,985	27-Allocators Line 42
68	568 - Sylmar/Palo Verde	248,127	-	248,127	100.0%	248,127	-	248,127	100%
69	569 - Maintenance of Structures - Allocated	3,066,512	(15,574)	3,082,086	37.1%	1,136,804	(5,773)	1,142,577	27-Allocators Line 42
70	569 - Sylmar/Palo Verde	147,367	-	147,367	100.0%	147,367	-	147,367	100%
71	570 - Maintenance of Station Equipment - Allocated	8,094,281	4,388,695	3,705,586	37.1%	3,000,676	1,626,958	1,373,718	27-Allocators Line 42
72	570 - Sylmar/Palo Verde	1,007,421	14,053	993,368	100.0%	1,007,421	14,053	993,368	100%
73	571 - Maintenance of Overhead Lines - Allocated	22,965,555	7,256,766	15,708,788	46.9%	10,769,767	3,403,083	7,366,684	27-Allocators Line 30
74	571 - Sylmar/Palo Verde	518,175	-	518,175	100.0%	518,175	-	518,175	100%
75	572 - Maintenance of Underground Lines - Allocated	322,776	63,260	259,516	1.4%	4,446	871	3,575	27-Allocators Line 36
76	572 - Sylmar/Palo Verde	393	-	393	100.0%	393	-	393	100%
77	573 - Maintenance of Miscellaneous Trans. Plant - Allocated	(362,672)	577,048	(939,720)	37.1%	(134,448)	213,921	(348,369)	27-Allocators Line 42
78	...	---	---	---	---	---	---	---	
79	Transmission NOIC (Note 4)	10,035,171	10,035,171	-	-	4,101,611	4,101,611	-	
80	Total Transmission - ISO O&M	164,160,473	84,577,357	79,583,116	-	69,646,423	34,568,762	35,077,660	

<u>Col 1</u>	<u>Col 2</u> From C9 above	<u>Col 3</u> From C10 above	<u>Col 4</u> From C11 above	<u>Col 5</u> Note 6	<u>Col 6</u> = C7 + C8	<u>Col 7</u> = C3 * C5	<u>Col 8</u> = C4 * C5	<u>Col 9</u>
<u>Account/Work Activity Rev</u>	<u>Adjusted Recorded O&M Expenses</u>			<u>Percent</u>	<u>ISO O&M Expenses</u>			<u>Percent ISO</u>
	Total	Labor	Non-Labor	ISO	Total	Labor	Non-Labor	Reference
Distribution Accounts								
82 582 - Station Expenses	34,617,001	26,689,255	7,927,745	0.0%	-	-	-	- 27-Allocators Line 48
83 590 - Maintenance Supervision and Engineering	2,559,657	2,231,690	327,968	0.0%	-	-	-	- 27-Allocators Line 48
84 591 - Maintenance of Structures	59,401	9,755	49,645	0.0%	-	-	-	- 27-Allocators Line 48
85 592 - Maintenance of Station Equipment	9,035,334	4,468,502	4,566,832	0.0%	-	-	-	- 27-Allocators Line 48
86 Accounts with no ISO Distribution Costs	481,242,079	202,049,470	279,192,609	0.0%	-	-	-	- 0%
87 Distribution NOIC (Note 4)	31,695,156	31,695,156	-	0.0%	-	-	-	- 0%
88 Total Distribution - ISO O&M	559,208,627	267,143,828	292,064,799		-	-	-	
89								
90								
91 Total ISO O&M Expenses (in Column 6)	723,369,100	351,721,186	371,647,914		69,646,423	34,568,762	35,077,660	
92 Line 80 + Line 88								

Notes:

- 1) "Adjusted Operations and Maintenance Expenses for each account" are the total amounts of O&M costs booked to each Transmission or Distribution account, less adjustments as noted.
2) Reasons for excluded amounts:

- A: Exclude entire amount, all attributable to CAISO costs recovered in Energy Resource Recovery Account.
- B: Exclude amount related to MOGS Station Expense.
- C: Exclude amount attributable to CAISO costs recovered in Energy Resource Recovery Account.
- D: Exclude amount recovered through Reliability Services Balancing Account, the Transmission Access Charge Balancing Account Adjustment, and the American Reinvestment Recovery Act for the Tehachapi Wind Energy Storage Project.
- E: Exclude amount of costs transferred to account from A&G Account 920 pursuant to Order 668.
- F: Excludes shareholder funded costs.
- G: Exclude EEI & EPRI Dues Re-Mapped to FERC Account 930.2 Miscellaneous general expenses.

3) Total TDBU NOIC is allocated to Transmission and Distribution in proportion to labor in the respective functions. Transmission NOIC ("Non-Officer Incentive Compensation") equals Total TDBU NOIC times the Transmission NOIC Percentage calculated below. Distribution NOIC equals Total TDBU NOIC times the Distribution NOIC Percentage below.

Total TDBU NOIC is on Line: **47**

	<u>Percentage</u>	<u>Calculation</u>
Transmission NOIC Percentage:	24.0477%	Line 33, Col 3 / Line 43, Col 3
Distribution NOIC Percentage:	75.9523%	Line 41, Col 3 / Line 43, Col 3

4) NOIC attributable to ISO Transmission (Column 7) is calculated utilizing a percentage equal to the ratio of total ISO O&M Labor Expenses in column 7 (exclusive of NOIC) to the total labor expenses in column 3 (exclusive of NOIC). That allocator, which is identified below, is then applied to the value in Column 3 to arrive at the NOIC attributable to ISO Transmission in Column 7.

Resulting Percentage is: **40.87%**

5) "ISO Operations and Maintenance Expenses" is the amount of costs in each Transmission or Distribution account related to ISO Transmission Facilities.

6) See Column 9 for references to source of each Percent ISO.

7) SCE shall make no adjustments to recorded labor amounts related to non-labor labor and/or Indirect labor in Schedule 19.

Schedule 20
Administrative and General Expenses

TO2020 Annual Update
Attachment1

Calculation of Administrative and General Expense

Line	Acct.	Description	Inputs are shaded yellow			
			FERC Form 1 Amount	Data Source	Total Amount Excluded	Col 4 A&G Expense
1	920	A&G Salaries	\$380,019,593	FF1 323.181b	\$151,417,275	\$228,602,318
2	921	Office Supplies and Expenses	\$243,397,352	FF1 323.182b	\$8,604,255	\$234,793,097
3	922	A&G Expenses Transferred	-\$153,376,384	FF1 323.183b	-\$62,480,935	-\$90,895,449
4	923	Outside Services Employed	\$54,239,013	FF1 323.184b	\$8,738,283	\$45,500,730
5	924	Property Insurance	\$16,155,127	FF1 323.185b	\$0	\$16,155,127
6	925	Injuries and Damages	\$2,996,146,771	FF1 323.186b	\$3,991,252	\$2,992,155,519
7	926	Employee Pensions and Benefits	\$115,626,278	FF1 323.187b	-\$28,030,488	\$143,656,766
8	927	Franchise Requirements	\$113,911,175	FF1 323.188b	\$113,911,175	\$0
9	928	Regulatory Commission Expenses	\$11,239,506	FF1 323.189b	\$11,197,494	\$42,012
10	929	Duplicate Charges	\$0	FF1 323.190b	\$0	\$0
11	930.1	General Advertising Expense	\$6,438,097	FF1 323.191b	\$0	\$6,438,097
12	930.2	Miscellaneous General Expense	\$23,890,761	FF1 323.192b	\$14,064,692	\$9,826,069
13	931	Rents	\$8,428,057	FF1 323.193b	\$11,993,182	-\$3,565,125
14	935	Maintenance of General Plant	\$18,830,965	FF1 323.196b	\$699,128	\$18,131,837
15			\$3,834,946,311		Total A&G Expenses:	\$3,600,840,997

		Amount	Source
16	Remaining A&G after exclusions & NOIC Adjustment:	\$3,600,840,997	Line 15
17	Less Account 924:	<u>\$16,155,127</u>	Line 5
18	Amount to apply the Transmission W&S AF:	\$3,584,685,870	Line 16 - Line 17
19	Transmission Wages and Salaries Allocation Factor:	5.9033%	27-Allocators, Line 9
20	Transmission W&S AF Portion of A&G:	\$211,616,122	Line 18 * Line 19
21	Transmission Plant Allocation Factor:	18.7565%	27-Allocators, Line 22
22	Property Insurance portion of A&G:	\$3,030,138	Line 5 Col 4 * Line 21
23	Administrative and General Expenses:	\$214,646,260	Line 20 + Line 22

Note 1: Itemization of exclusions

Acct.	Total Amount Excluded (Sum of Col 1 to Col 4)	Col 1 Shareholder Exclusions or Other Adjustments	Col 2	Col 3	Col 4	Notes
			Franchise Requirements	NOIC	PBOPs	
24	920	\$151,417,275	\$41,829,058	\$109,588,216		See Instructions 2b, 3, and Note 2
25	921	\$8,604,255	\$8,604,255	\$0		
26	922	-\$62,480,935	-\$7,944,352	-\$54,536,583		
27	923	\$8,738,283	\$8,738,283	\$0		
28	924	\$0	\$0	\$0		
29	925	\$3,991,252	\$3,991,252	\$0		
30	926	-\$28,030,488	-\$6,078,155	\$0	-\$21,952,333	See Note 3
31	927	\$113,911,175	\$0	\$113,911,175	\$0	See Note 4
32	928	\$11,197,494	\$11,197,494	\$0		
33	929	\$0	\$0	\$0		
34	930.1	\$0	\$0	\$0		
35	930.2	\$14,064,692	\$14,064,692	\$0		
36	931	\$11,993,182	\$11,993,182	\$0		
37	935	\$699,128	\$699,128	\$0		

Schedule 20
Administrative and General Expenses

TO2020 Annual Update
Attachment1

Note 2: Non-Officer Incentive Compensation ("NOIC") Adjustment

Adjust NOIC by excluding accrued NOIC Amount and replacing with the actual non-capitalized A&G NOIC payout.

	<u>Amount</u>	<u>Source</u>
a	Accrued NOIC Amount:	\$137,026,591
b	Actual A&G NOIC payout:	\$27,438,375
c	Adjustment:	\$109,588,216
Actual non-capitalized NOIC Payouts:		
d	<u>Department</u>	<u>Amount</u>
d	A&G	\$27,438,375
e	Other	\$13,321,307
f	Trans. And Dist. Business Unit	\$41,730,326
g	Total:	\$82,490,008
		Sum of d to f

Note 3: PBOPs Exclusion Calculation

	<u>Amount</u>	<u>Note:</u>
a	Current Authorized PBOPs Expense Amount:	\$18,219,000
b	Prior Year Authorized PBOPs Expense Amount:	\$40,171,333
c	Prior Year FF1 PBOPs expense:	\$18,219,000
d	PBOPs Expense Exclusion:	-\$21,952,333

Note 4:

Amount in Line 31, column 2 equals amount in Line 8, column 1 because all Franchise Requirements Expenses are excluded
Franchise Fees Expenses component of the Prior Year TRR are based on Franchise Fee Factors.

Schedule 20
Administrative and General Expenses

TO2020 Annual Update
Attachment1

Instructions:

- 1) Enter amounts of A&G expenses from FERC Form 1 in Lines 1 to 14.
- 2) Fill out "Itemization of Exclusions" table for all input cells. NOIC amount in Column 3, Line 24 is calculated in Note 2. The PBOPs exclusion in Column 4, Line 30 is calculated in Note 3.
 - a) Exclude amount of any Shareholder Adjustments, costs incurred on behalf of SCE shareholders, from relevant account in Column 1.
 - b) Include as an adjustment in Column 1 for Account 920 any amount excluded from Accounts 569.100, 569.200, and 569.300 in Schedule 19 (OandM) related to Order 668 costs transferred.
 - c) Exclude entire amount of account 927 "Franchise Requirements" in Column 2, as those costs are recovered through the Franchise Fees Expense item.
 - d) Exclude any amount of Account 930.1 "General Advertising Expense" not related to advertising for safety, siting, or informational purposes in column 1.
 - e) Exclude any amount of expense relating to secondary land use and audit expenses not directly benefitting utility customers.
 - f) Exclude from account 930.2:
 - 1) Nuclear Power Research Expenses.
 - 2) Write Off of Abandoned Project Expenses.
 - 3) Any advertising expenses within the Consultants/Professional Services category.
 - g) Exclude the following costs included in any account 920-935:
 - 1) Any amount of "Provision for Doubtful Accounts" costs.
 - 2) Any amount of "Accounting Suspense" costs.
 - 3) Any penalties or fines.
 - 4) Any amount of costs recovered 100% through California Public Utilities Commission ("CPUC") rates.
- 3) NOIC adjustment in Column 3, Line 24 is made by determining the difference between the total accrued NOIC amount included in the FERC Form 1 recorded cost amounts and the actual A&G NOIC payout (see note 2).
NOIC adjustment in column 3, Line 26 is made by entering the amount of accrued NOIC that is capitalized.
- 4) Determine the PBOPs exclusion. The authorized amount of PBOPs expense (line a) may only be revised pursuant to Commission acceptance of an SCE FPA Section 205 filing to revise the authorized PBOPs expense, in accordance with the tariff protocols. Accordingly, any amount different than the authorized PBOPs expense during the Prior Year is excluded from account 926 (see note 3). Docket or Decision approving authorized PBOPs amount: ER19-1226
- 5) SCE shall make no adjustments to recorded labor amounts related to non-labor labor and/or Indirect labor in Schedule 20.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Other Ratemaking
						Traditional OOR								
1a	450	4191110	Late Payment Charge- Comm. & Ind.	6,159,993	Traditional OOR	6,159,993	0	6,159,993	0			0	0	1
1b	450	4191115	Residential Late Payment	11,586,485	Traditional OOR	11,586,485	0	11,586,485	0			0	0	1
2	450 Total			17,746,479		17,746,479	0	17,746,479	0		0	0	0	
3	FF-1 Total for Acct 450 - Forfeited Discounts, p300.16b (Must Equal Line 2)			17,746,479										
4a	451	4182110	Recover Unauthorized Use/Non-Energy	122,148	Traditional OOR	122,148	0	122,148	0			0	0	1
4b	451	4182115	Miscellaneous Service Revenue - Ownership Cost	492,543	Traditional OOR	492,543	0	492,543	0			0	0	1
4c	451	4192110	Miscellaneous Service Revenues	34,572,212	Traditional OOR	34,572,212	0	34,572,212	0			0	0	1
4d	451	4192115	Returned Check Charges	1,642,550	Traditional OOR	1,642,550	0	1,642,550	0			0	0	1
4e	451	4192125	Service Reconnection Charges	8,051	Traditional OOR	8,051	0	8,051	0			0	0	1
4f	451	4192130	Service Establishment Charge	(4,119)	Traditional OOR	(4,119)	0	(4,119)	0			0	0	1
4g	451	4192140	Field Collection Charges	(203)	Traditional OOR	(203)	0	(203)	0			0	0	1
4h	451	4192510	Quickcheck Revenue	32	GRSM	0	0	0	32	P	4	28	0	2
4i	451	4192910	PUC Reimbursement Fee-Elect	440,067	Other Ratemaking	0	0	0	0			0	440,067	6
4j	451	4182120	Uneconomic Line Extension		Traditional OOR	0	0	0	0			0	0	1
4k	451	4192152	Opt Out CARE-Res-Ini	2,350	Other Ratemaking	0	0	0	0			0	2,350	1
4l	451	4192155	Opt Out CARE-Res-Mo	30,455	Other Ratemaking	0	1	0	0			0	30,455	1
4m	451	4192158	Opt Out NonCARE-Res-Ini	52,500	Other Ratemaking	0	0	0	0			0	52,500	1
4n	451	4192160	Opt Out NonCARE-Res-Mo	192,560	Other Ratemaking	0	0	0	0			0	192,560	1
4o	451	4192135	Conn-Charge - Residential	5,807,454	Traditional OOR	5,807,454	0	5,807,454	0			0	0	1
4p	451	4192145	Conn-Charge - Non-Residential	2,166,273	Traditional OOR	2,166,273	0	2,166,273	0			0	0	1
4q	451	4192150	Conn-Charge - At Pole	22,408	Traditional OOR	22,408	0	22,408	0			0	0	1
4r	451	4184515	NEM 2.0	3,521,525	Traditional OOR	3,521,525	0	3,521,525	0			0	0	1
4s	451	4186927	AR Service Guarantee	(551,100)	Traditional OOR	(551,100)	0	(551,100)	0			0	0	1
5	451 Total			48,517,705		47,799,741	0	47,799,741	32		4	28	717,932	
6	FF-1 Total for Acct 451 - Misc. Service Revenues, p300.17b (Must Equal Line 5)			48,517,705										
8	453 Total			0		0	0	0	0		0	0	0	
9	FF-1 Total for Acct 453 - Sales of Water and Power, p300.18b (Must Equal Line 8)			0										
10a	454	4184110	Joint Pole - Tariffed Conduit Rental	495,725	Traditional OOR	495,725	0	495,725	0			0	0	4
10b	454	4184112	Joint Pole - Tariffed Pole Rental - Cable Cos.	3,367,084	Traditional OOR	3,367,084	0	3,367,084	0			0	0	4
10c	454	4184114	Joint Pole - Tariffed Process & Eng Fees - Cable	887,280	Traditional OOR	887,280	0	887,280	0			0	0	4
10d	454	4184120	Joint Pole - Aud - Unauth Penalty	612,500	Traditional OOR	612,500	0	612,500	0			0	0	4
10e	454	4184510	Joint Pole - Non-Tariffed Pole Rental	149,161	GRSM	0	0	0	149,161	P	29,204	119,957	0	2
10f	454	4184512	Joint Pole - Non-Tariff Process & Engineering Fees	127,662	GRSM	0	0	0	127,662	P	11,943	115,719	0	2
10g	454	4184514	Joint Pole - Non-Tariff Requests for Information	2,160	GRSM	0	0	0	2,160	P	2,160	0	0	2
10h	454	4184516	Oil And Gas Royalties	20,473	GRSM	0	0	0	20,473	P	3,206	17,268	0	2
10i	454	4184518	Def Operating Land & Facilities Rent Rev	(284,635)	Traditional OOR	(284,635)	0	(284,635)	0			0	0	4
10j	454	4184810	Facility Cost -EIX/Nonutility	51,608	Other Ratemaking	3,143	0	0	0			0	48,465	6,12
10k	454	4184815	Facility Cost- Utility		Traditional OOR	0	0	0	0			0	0	7
10l	454	4184820	Rent Billed to Non-Utility Affiliates	1,319,855	Other Ratemaking	80,379	80,379	0	0			0	1,239,476	6,12
10m	454	4184825	Rent Billed to Utility Affiliates		Traditional OOR	0	0	0	0			0	0	7
10n	454	4194110	Meter Leasing Revenue		Traditional OOR	0	0	0	0			0	0	1
10o	454	4194115	Company Financed Added Facilities	10,545,266	Traditional OOR	10,545,266	0	10,545,266	0			0	0	4
10p	454	4194120	Company Financed Interconnect Facilities	625,190	Traditional OOR	625,190	0	625,190	0			0	0	4
10q	454	4194130	SCE Financed Added Facility	24,832,616	Traditional OOR	24,832,616	0	24,832,616	0			0	0	4
10r	454	4194135	Interconnect Facility Finance Charge	15,632,927	Traditional OOR	15,632,927	3,357,572	12,275,355	0			0	0	8
10s	454	4204515	Operating Land & Facilities Rent Revenue	21,740,975	GRSM	0	1	0	21,740,975	P	4,600,846	17,140,129	0	2
10t	454	48667020	Nonoperating Misc Land & Facilities Rent		Traditional OOR	0	0	0	0			0	0	4
10u	454	-	Miscellaneous Adjustments	(17,101)	Traditional OOR	(17,101)	0	(17,101)	0			0	0	1
10v	454	4206515	Op Misc Land/Fac Rev	1,516,061	GRSM	0	0	0	1,516,061	P	1,068,380	447,681	0	2
10w	454	4184122	T-Unauth Pole Rent		Traditional OOR	13,440	0	13,440	0			0	0	4
10x	454	4184124	T-P&E Fees	13,440	Traditional OOR	13,440	0	13,440	0			0	0	4
10y	454	4184821	Rent Rev NU-NonBRBRA	83,052	Other Ratemaking	5,058	5,058	0	0			0	77,994	6,12
10z	454	4184811	Fac Cost N/U-BRBRA	820,154	Other Ratemaking	49,947	49,947	0	0			0	770,207	6,12
10aa	454	4184515	NEM 2.0		Other Ratemaking	0	0	0	0			0	0	6
10bb	454	4184126	Joint Pole - Tarriffed - PA Inspect	829,632	Traditional OOR	829,632	0	829,632	0			0	0	4
10cc	454	4184526	Joint Pole - Non-Tariff PA Inspect	9,280	GRSM	0	0	0	9,280	P	0	9,280	0	2
11	454 Total			83,380,365		57,678,451	3,496,099	54,182,352	23,565,772		5,715,738	17,850,034	2,136,142	
12	FF-1 Total for Acct 454 - Rent from Elec. Property, p300.19b (Must Equal Line 11)			83,380,365										

Line	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Notes
12a 456	4186114	Energy Related Services		Traditional OOR	0	0	0	0			0	0	0	1
12b 456	4186118	Distribution Miscellaneous Electric Revenues	1,275	Traditional OOR	1,275	0	1,275	0			0	0	0	4
12c 456	4186120	Added Facilities - One Time Charge	36,251	Traditional OOR	36,251	0	36,251	0			0	0	0	4
12d 456	4186122	Building Rental - Nev Power/Mohave Cr		Traditional OOR	0	0	0	0			0	0	0	3
12e 456	4186126	Service Fee - Optimal Bill Prd	160	Traditional OOR	160	0	160	0			0	0	0	1
12f 456	4186128	Miscellaneous Revenues	1,584,401	Traditional OOR	1,584,401	0	1,584,401	0			0	0	0	1
12g 456	4186130	Tule Power Plant - Revenue		Traditional OOR	0	0	0	0			0	0	0	3
12h 456	4186142	Microwave Agreement	3,428	Traditional OOR	3,428	0	3,428	0			0	0	0	4
12i 456	4186150	Utility Subs Labor Markup		Traditional OOR	0	0	0	0			0	0	0	7
12j 456	4186155	Non Utility Subs Labor Markup	7,181	Other Ratemaking	437	437	0	0			0	6,744	6,744	6,12
12k 456	4186162	Reliant Eng FSA Ann Pymnt-Mandalay	1,568	Traditional OOR	1,568	0	1,568	0			0	0	0	4
12l 456	4186164	Reliant Eng FSA Ann Pymnt-Ormond Beach	15,732	Traditional OOR	15,732	0	15,732	0			0	0	0	4
12m 456	4186166	Reliant Eng FSA Ann Pymnt-Etiwanda	4,754	Traditional OOR	4,754	0	4,754	0			0	0	0	4
12n 456	4186168	Reliant Eng FSA Ann Pymnt-Etiwanda	1,076	Traditional OOR	1,076	0	1,076	0			0	0	0	4
12o 456	4186170	Reliant Eng FSA Ann Pymnt-Coolwater	916	Traditional OOR	916	0	916	0			0	0	0	4
12p 456	4186174	Property License Fee revenue	260,820	Traditional OOR	260,820	0	260,820	0			0	0	0	4
12q 456	4186512	Revenue From Recreation, Fish & Wildlife	2,219,453	GRSM	0	0	0	2,219,453	P	116,594	2,102,860	0	0	2
12r 456	4186514	Mapping Services	184,360	GRSM	0	0	0	184,360	P	36,993	147,366	0	0	2
12s 456	4186518	Enhanced Pump Test Revenue	65,895	GRSM	0	0	0	65,895	P	3,761	62,134	0	0	2
12t 456	4186524	Revenue From Scrap Paper - General Office		GRSM	0	0	0	0	P	0	0	0	0	2
12u 456	4186528	CTAC Revenues		GRSM	0	0	0	0	P	0	0	0	0	2
12v 456	4186530	AGTAC Revenues	5,400	GRSM	0	0	0	5,400	P	2,082	3,318	0	0	2
12w 456	4186716	ADT Vendor Service Revenue		GRSM	0	0	0	0	A	0	0	0	0	2
12x 456	4186718	Read Water Meters - Irvine Ranch		GRSM	0	0	0	0	A	0	0	0	0	2
12y 456	4186720	Read Water Meters - Rancho California		GRSM	0	0	0	0	A	0	0	0	0	2
12zz 456	4186722	Read Water Meters - Long Beach		GRSM	0	0	0	0	A	0	0	0	0	2
12aa 456	4186730	SSID Transformer Repair Services Revenue	84,961	GRSM	0	0	0	84,961	A	14,793	70,169	0	0	2
12bb 456	4186815	Employee Transfer/Affiliate Fee		Other Ratemaking	0	0	0	0		0	0	0	0	6
12cc 456	4186910	ITCC/CIA/C Revenues	22,351,299	Traditional OOR	22,351,299	0	22,351,299	0			0	0	0	4
12dd 456	4186912	Revenue From Decommission Trust Fund	(170,677,047)	Other Ratemaking	0	0	0	0		0	(170,677,047)	0	0	6
12ee 456	4186914	Revenue From Decommissioning Trust FAS115	(55,037,339)	Other Ratemaking	0	0	0	0		0	(55,037,339)	0	0	6
12ff 456	4186916	Offset to Revenue from NDT Earnings/Realized	170,677,047	Other Ratemaking	0	0	0	0		0	170,677,047	0	0	6
12gg 456	4186918	Offset to Revenue from FAS 115 FMV	55,037,339	Other Ratemaking	0	0	0	0		0	55,037,339	0	0	6
12hh 456	4186920	Revenue From Decommissioning Trust FAS115-1		Other Ratemaking	0	0	0	0		0	0	0	0	6
12ii 456	4186922	Offset to Revenue from FAS 115-1 Gains & Loss		Other Ratemaking	0	0	0	0		0	0	0	0	6
12jj 456	4188712	Power Supply Installations - IMS		GRSM	0	0	0	0	A	0	0	0	0	2
12kk 456	4188714	Consulting Fees - IMS		GRSM	0	0	0	0	A	0	0	0	0	2
12ll 456	4196105	DA Revenue	174,799	Traditional OOR	174,799	0	174,799	0			0	0	0	1
12mm 456	4196158	EDBL Customer Finance Added Facilities	6,007,924	Traditional OOR	6,007,924	0	6,007,924	0			0	0	0	4
12nn 456	4196162	SCE Energy Manager Fee Based Services	133,200	Traditional OOR	133,200	0	133,200	0			0	0	0	4
12oo 456	4196166	SCE Energy Manager Fee Based Services Adj		Traditional OOR	0	0	0	0		0	0	0	0	4
12pp 456	4196172	Off Grid Grid Voltaic Revenues		Traditional OOR	0	0	0	0		0	0	0	0	1
12qq 456	4196174	Scheduling/Dispatch Revenues		Traditional OOR	0	0	0	0		0	0	0	0	4
12rr 456	4196176	Interconnect Facilities Charges-Customer Financed	3,847,065	Traditional OOR	3,847,065	43,896	3,803,169	0			0	0	0	8
12ss 456	4196178	Interconnect Facilities Charges - SCE Financed	13,584,159	Traditional OOR	13,584,159	0	13,584,159	0			0	0	0	4
12tt 456	4196184	DMS Service Fees	2,968	Traditional OOR	2,968	0	2,968	0			0	0	0	4
12uu 456	4196188	CCA - Information Fees	390,979	Traditional OOR	390,979	0	390,979	0			0	0	0	6
12vv 456	-	Miscellaneous Adjustments		Traditional OOR	0	0	0	0		0	0	0	0	1
12ww 456	4186911	Grant Amortization	3,353,919	Other Ratemaking	0	0	0	0		0	3,353,919	0	0	6
12xx 456	4186925	GHG Allowance Revenue	389,316,108	Other Ratemaking	0	0	0	0		0	389,316,108	0	0	6
12yy 456	4186132	Intercon One Time	389,495	Traditional OOR	389,495	0	389,495	0			0	0	0	4
12zz 456	4186116	EV Charging Revenue		Traditional OOR	0	0	0	0		0	0	0	0	4
12aaa 456	4186115	Energy Reltd Srv-TSP	1,008,639	Traditional OOR	1,008,639	0	1,008,639	0			0	0	0	4
12bbb 456	4186156	N/U Labor Mrkt-BRRBA	114,119	Other Ratemaking	6,950	6,950	0	0			0	107,169	0	6,12
12ccc 456	4188720	LCFS CR 411.8	78,366,685	Traditional OOR	78,366,685	0	78,366,685	0			0	0	0	4
12ddd 456	4186128	Miscellaneous Revenues - ISO		Traditional OOR	0	0	0	0		0	0	0	0	5
12eee 456	4186732	Power Quality C&I Customer Program		GRSM	0	0	0	0	P	0	0	0	0	2
12fff 456	4171023	Gas Sales - ERRA	30,908,341	Other Ratemaking	0	0	0	0		0	30,908,341	0	0	6
12gg 456	4186182	Miscellaneous Electric Revenue - ERRA	283,960	Other Ratemaking	0	0	0	0		0	283,960	0	0	6
13	456 Total		554,711,290		128,174,980	51,284	128,123,697	2,560,069		174,222	2,385,847	423,976,240		
14	FF-1 Total for Acct 456 - Other electric Revenues, p300.21b (Must Equal Line 13)		554,711,290											

Line	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Notes
15a	456.1	4188112	Trans of Elec of Others - Pasadena		Traditional OOR	0	0	0	0			0	0	5
15b	456.1	4188114	FTS PPU/Non-ISO	296,028	Traditional OOR	296,028	0	296,028	0			0	0	4
15c	456.1	4188116	FTS Non-PPU/Non-ISO	902,563	Traditional OOR	902,563	0	902,563	0			0	0	4
15d	456.1	4188812	ISO-Wheeling Revenue - Low Voltage	123,658	Other Ratemaking	0	0	0	0			0	123,658	6
15e	456.1	4188814	ISO-Wheeling Revenue - High Voltage	54,020,891	Other Ratemaking	0	0	0	0			0	54,020,891	6
15f	456.1	4188816	ISO-Congestion Revenue		Other Ratemaking	0	0	0	0			0	0	6
15g	456.1	4198110	Transmission of Elec of Others	45,460,120	Traditional OOR	45,460,120	45,460,120	0	0			0	0	5
15h	456.1	4198112	WDAT	8,277,860	Traditional OOR	8,277,860	0	8,277,860	0			0	0	4
15i	456.1	4198114	Radial Line Rev-Base Cost - Reliant Coolwater	3,176	Traditional OOR	3,176	0	3,176	0			0	0	4
15j	456.1	4198116	Radial Line Rev-Base Cost - Reliant Ormond Beach		Traditional OOR	0	0	0	0			0	0	4
15k	456.1	4198118	Radial Line Rev-O&M - AES Huntington Beach	402,148	Traditional OOR	402,148	0	402,148	0			0	0	4
15l	456.1	4198120	Radial Line Rev-O&M - Reliant Mandalay	209,706	Traditional OOR	209,706	0	209,706	0			0	0	4
15m	456.1	4198122	Radial Line Rev-O&M - Reliant Coolwater	6,551	Traditional OOR	6,551	0	6,551	0			0	0	4
15n	456.1	4198124	Radial Line Rev-O&M - Ormond Beach	651,331	Traditional OOR	651,331	0	651,331	0			0	0	4
15o	456.1	4198126	High Desert Tie-Line Rental Rev	(665,957)	Traditional OOR	(665,957)	0	(665,957)	0			0	0	4
15p	456.1	4198130	Inland Empire CRT Tie-Line EX	42,492	Traditional OOR	42,492	0	42,492	0			0	0	4
15q	456.1	4198910	Reliability Service Revenue - Non-PTO's		Other Ratemaking	0	0	0	0			0	0	6
15r	456.1	4198132	Radial Line Agreement-Base-Mojave Solr	109,605	Traditional OOR	109,605	0	109,605	0			0	0	4
15s	456.1	4198134	Radial Line Agreement-O&M-Mojave Solr	243,123	Traditional OOR	243,123	0	243,123	0			0	0	4
15t	456.1	4188716	ISO Non-Refundable Interconnection Deposit	3,148,477	Other Ratemaking	0	0	0	0			0	3,148,477	6
15u	456.1	4198910	RSR - Non-PTO's - RSBA	279,351	Other Ratemaking	0	0	0	0			0	279,351	6
15v	456.1	4171022	Transmission Sales - ERRA	7,928,432	Other Ratemaking	0	0	0	0			0	7,928,432	6
16	456.1 Total			121,439,554		55,938,746	45,460,120	10,478,626	0		0	0	0	65,500,809
17	FF-1 Total for Account 456.1 - Revenues from Trans. of Electricity of Others, p300.22b (Must Equal Line 16)			121,439,554										
18a														
19	457.1 Total			0		0	0	0	0		0	0	0	
	FF-1 Total for Account 457.1 - Regional Control Service Revenues, p300.23b (Must Equal Line 19)			0										
21a														
22	457.2 Total			0		0	0	0	0		0	0	0	
	FF-1 Total for Account 457.2- Miscellaneous Revenues, p300.24b (Must Equal Line 22)			0										
Edison Carrier Solutions (ECS)														
24a	417	4863130	ECS - Distribution Facilities	520,326	GRSM	0	0	0	520,326	P	96,266	424,060	0	2
24b	417	4862110	ECS - Dark Fiber	6,401,079	GRSM	0	0	0	6,401,079	A	1,180,370	5,220,709	0	2
24c	417	4862115	ECS - SCE Net Fiber	3,328,620	GRSM	0	0	0	3,328,620	A	628,346	2,700,274	0	2
24d	417	4862120	ECS - Transmission Right of Way	663,926	GRSM	0	0	0	663,926	A	434,000	229,926	0	2
24e	417	4862135	ECS - Wholesale FCC	18,880,233	GRSM	0	0	0	18,880,233	A	3,889,356	14,990,878	0	2
24f	417	4864115	ECS - EU FCC Rev	147,511	GRSM	0	0	0	147,511	A	18,371	129,140	0	2
24g	417	4862125	ECS - Cell Site Rent and Use (Active)	13,715,064	GRSM	0	0	0	13,715,064	A	2,601,282	11,113,782	0	2
24h	417	4862130	ECS - Cell Site Reimbursable (Active)	1,697,874	GRSM	0	0	0	1,697,874	A	35,979	1,661,896	0	2
24i	417	4863120	ECS - Communication Sites	363,985	GRSM	0	0	0	363,985	P	73,930	290,055	0	2
24j	417	4863110	ECS - Cell Site Rent and Use (Passive)	3,716,959	GRSM	0	0	0	3,716,959	P	689,968	3,026,971	0	2
24k	417	4863115	ECS - Cell Site Reimbursable (Passive)	232,312	GRSM	0	0	0	232,312	P	8,273	224,039	0	2
24l	417	4863125	ECS - Micro Cell	2,519,630	GRSM	0	0	0	2,519,630	P	510,316	2,009,313	0	2
24m	417	4864120	ECS - End User Universal Service Fund Fee	39,634	GRSM	0	0	0	39,634	A	5,687	33,947	0	2
24n	417	4864116	ECS - Intrastate End User Revenue	1,892,113	GRSM	0	0	0	1,892,113	A	508,146	1,383,967	0	2
24o	417	4864121	ECS - Intrastate End User Fees	155,104	GRSM	0	0	0	155,104	A	41,726	113,379	0	2
24p	417	4864117	ECS - Interstate End User Tax Exempt	183,267	GRSM	0	0	0	183,267	A	30,850	152,417	0	2
24q	417	4864122	ECS - EU USAC E-Rate	40,754	GRSM	0	0	0	40,754	A	28,539	12,215	0	2
25	417 ECS Total			54,498,392		0	0	0	54,498,392		10,781,425	43,716,966	0	
26	417 Other			8,497,197										
	FF-1 Total for Account 417 - Revenues From Nonutility Operations p117.33c (Must Equal Line 25 + 26)			62,995,589										

Line	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Notes	
Subsidiaries															
28a	418.1	ESI (Gross Revenues - Active)		GRSM	0	0	0	0	A		0	0	0	2,9	
28b	418.1	ESI (Gross Revenues - Passive)		GRSM	0	0	0	0	P		0	0	0	2,9	
28c	418.1	Southern States Realty		GRSM	0	0	0	0	P		0	0	0	2,15	
28d	418.1	Mono Power Company		Traditional OOR	0	0	0	0			0	0	0	13	
28e	418.1	Edison Material Supply (EMS)	(677,300)	Traditional OOR	(677,300)	(41,248)	(636,052)	0			0	0	0	7,17	
29	418.1 Subsidiaries Total		(677,300)		(677,300)	(41,248)	(636,052)	0		0	0	0	0		
30	418.1 Other (See Note 16)		676,674												
31	FF-1 Total for Account 418.1 -Equity in Earnings of Subsidiary Companies, p117.36c (Must Equal Line 29 + 30)		(626)												
32	Totals		879,616,485		306,661,097	48,966,256	257,694,842	80,624,265		16,671,389	63,952,876	492,331,122			

33		Ratepayers' Share of Threshold Revenue	16,671,389	Calculation
34		ISO Ratepayers' Share of Threshold Revenue	5,425,127	= Line 32K
35				Note 11
36		Total Active Incremental Revenue	37,812,697	= Sum Active categories in column L
37		Ratepayers' Share of Active Incremental Revenue	3,781,270	= Line 36D * 10%
38		Total Passive Incremental Revenue	26,140,179	= Sum Passive categories in column L
39		Ratepayers' Share of Passive Incremental Revenue	7,842,054	= Line 38D * 30%
40		Total Ratepayers' Share of Incremental Revenue	11,623,323	= Line 37D + Line 39D
41		ISO Ratepayers' Share of Incremental Revenue (%)	32.54%	see Note 11
42		ISO Ratepayers' Share of Incremental Revenue	3,782,408	= Line 40D * Line 41D
43		Tot. ISO Ratepayers' Share NTP&S Gross Rev.	9,207,535	= Line 34D + Line 42D

44	Total Revenue Credits:	Amount	Calculation
		\$58,173,791	Sum of Column D, Line 43 and Column G, Line 32

Notes:

- 1- CPUC Jurisdictional service related.
- 2- Subject to sharing per the Gross Revenue Sharing Mechanism (GRSM), adopted in CPUC D.99-09-070. On an annual basis, once SCE obtains \$16,671,389.55 (Threshold Revenue) in NTP&S Revenues, any additional revenues (Incremental Gross Revenues) that SCE receives are shared between shareholders and ratepayers. For GRSM categories deemed Active, the Incremental Gross Revenues are shared 90/10 between shareholders and ratepayers. For those categories deemed Passive, the Incremental Gross Revenues are shared 70/30 between shareholders and ratepayers.
- 3- Generation related.
- 4- Non-ISO facilities related.
- 5- ISO transmission system related.
- 6- Subject to balancing account treatment
- 7- Allocated based on CPUC GRC allocator in effect during the Prior Year. The weighted average (by time) shall be used if more than one allocator is in effect during the Prior Year.
ISO Allocator = **0.0609** Source: CPUC D. 19-05-020
- 8- ISO portion of Traditional OOR relates to monthly revenues received from customers for facilities that are part of the ISO network.
- 9- Edison ESI is a subsidiary company. Gross revenues are not reported in FF-1, only net earnings. Net Earnings for ESI are reported on Acct 418.1, pg 225.5e.
- 10- The first \$16,671,389 million in gross revenues generated by GRSM activities are automatically classified as Threshold Revenue.
- 11- Allocator is equal to the jurisdictional split of the Threshold Revenue, which is jurisdictionalized as \$5,425M to FERC ratepayers and \$11,246M to CPUC ratepayers per the 2009 CPUC General Rate Case (D. 09-03-025). The ISO ratepayers' share of ratepayer revenue is \$5,425M/\$16,671M = 32.54%.
- 12- Allocated based on the CPUC Base Revenue Requirement Balancing Account (BRRBA) allocator in effect during the Prior Year. The weighted average (by time) shall be used if more than one allocator is in effect during the Prior Year. ISO portion of revenue is treated as traditional OOR.
ISO Allocator = **0.0609** Source: CPUC D. 19-05-020
- 13- Mono Power Company is a subsidiary company. Net Earnings are reported on Acct 418.1, pg 225.11e. Revenues and costs shall be non-ISO.
- 14- SCE Capital Company is a subsidiary company. Net Earnings are reported on Acct 418.1, pg 225.23e. Revenues and costs shall be non-ISO.
- 15- Southern States Realty is a subsidiary company. Gross revenues are not reported in FF-1, only net earnings. Net Earnings for Southern States Realty are reported on Acct 418.1, pg 225.17e.
- 16- For subsidiaries that are subject to GRSM, Column D contains gross revenues. Input on Line 30D contains the associated expenses.
- 17- Per GRC Decision D.87-12-066, for ratemaking purposes EMS financials are consolidated with SCE's. See FERC Form 1 page 123.3 under "Equity Investment Differences". Consequently, net income of EMS is not reported separately in FERC Form 1 and is not a part of FERC Account 418.1 totals. To ensure that ratepayers receive the net income from this subsidiary SCE includes EMS net income in the formula on line 28f. This amount is reversed as part of line 30 to remain consistent with the totals reported in FERC Form 1.

NETWORK UPGRADE CREDIT AND INTEREST EXPENSE

Prior Year: **2018**

1) Beginning of Year Balances: (Note 1)

<u>Line</u>		<u>Balance</u>	<u>Notes</u>
1	Outstanding Network Upgrade Credits Recorded in FERC Acct 252	\$93,345,105	See Note 1
2	Acct 252 Other	\$79,619,300	Line 3 - Line 1
3	Total Acct 252 - Customer Advances for Construction	\$172,964,405	FF1 113.56d

2) End of Year Balances: (Note 2)

4	Outstanding Network Upgrade Credits Recorded in FERC Acct 252	\$64,560,041	See Note 3
5	Acct 252 Other	\$110,833,276	Line 6 - Line 4
6	Total Acct 252 - Customer Advances for Construction	\$175,393,317	FF1 113.56c
7	Average Outstanding Network Upgrade Credits Beginning and End of Year	\$78,952,573	(Line 1 + Line 4) / 2
8	Interest On Network Upgrade Credits Recorded in FERC Acct 242	\$5,429,238	See Note 4
9	Acct 242 Other	\$688,003,970	Line 10 - Line 8
10	Total Acct 242 - Miscellaneous Current and Accrued Liabilities	\$693,433,208	FF1 113.48c

Notes:

- 1 Beginning of Year Balances are from December of the year previous to the Prior Year.
- 2 End of Year Balances are from December of the Prior Year.
- 3 Only projects that are in Rate Base in the year reported are included.
- 4 Interest relates to refund of facility and one-time payments by generator. For facility costs, pre-in-service date interest is excluded. For one-time costs, pre-in-service and post-in-service interest is included.

Schedule 23
Regulatory Assets and Liabilities

TO2020 Annual Update
Attachment1

Determination of Regulatory Assets/Liabilities and Associated Amortization and Regulatory Debits/Credits

Line

- 1 Other Regulatory Assets/Liabilities are a component of Rate Base representing costs that are created resulting from the ratemaking
 2 actions of regulatory agencies. Pursuant to the Commission's Uniform System of Accounts, these items include amounts recorded
 3 in accounts 182.x and 254. This Schedule shall not include any costs recovered through Schedule 12.
 4
 5 SCE shall include a non-zero amount of Other Regulatory Assets/Liabilities only with Commission
 6 approval received subsequent to an SCE Section 205 filing requesting such treatment.
 7
 8 Amortization and Regulatory Debits/Credits are amounts approved for recovery in this formula transmission rate representing the
 9 approved annual recovery of Other Regulatory Assets/Liabilities as an expense item in the Base TRR, consistent
 10 with a Commission Order.

		Prior Year <u>Amount</u>	<u>Calculation or Source</u>		
14	Other Regulatory Assets/Liabilities (EOY):	\$0	Sum of Column 2 below		
15	Other Regulatory Assets/Liabilities (BOY/EOY average):	\$0	Avg. of Sum of Cols. 1 and 2 below		
16	Amortization and Regulatory Debits/Credits:	\$0	Sum of Column 3 below		
17					
18					
19					
20	Totals:	\$0	\$0	\$0	Sum of above

Instructions:

- 1) Upon Commission approval of recovery of Other Regulatory Assets/Liabilities, Amortization and Regulatory Debits/Credits costs through this formula transmission rate:
 - a) Fill in Description for issue in above table.
 - b) Enter costs in columns 1-3 in above table for the applicable Prior Year.
- 2) Add additional lines as necessary for additional issues.

Calculation of the Contribution of CWIP to the Base TRR**1) CWIP Contribution to the Prior Year TRR and True Up TRR**

a) CWIP Balances:		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	
Line	Project	Prior Year	Prior Year	Forecast	
		EOY <u>Amount</u>	Average <u>Amount</u>	Period <u>Amount</u>	Source
1	Tehachapi:	\$156,282	\$154,730	-\$156,282	10-CWIP, Lines 13, 14, 80
2	Devers to Colorado River:	\$0	\$0	\$0	10-CWIP, Lines 13, 14, 106
3	South of Kramer:	\$5,220,452	\$5,033,407	\$835,608	10-CWIP, Lines 13, 14, 132
4	West of Devers:	\$228,226,372	\$143,710,303	\$249,763,228	10-CWIP, Lines 13, 14, 158
5	Red Bluff:	\$0	\$0	\$0	10-CWIP, Lines 13, 14, 184
6	Whirlwind Sub Expansion:	\$0	\$0	\$0	10-CWIP, Lines 27, 28, 210
7	Colorado River Sub Expansion:	\$0	\$0	\$8,985,111	10-CWIP, Lines 27, 28, 236
8	Mesa:	\$123,208,374	\$84,051,373	\$143,072,495	10-CWIP, Lines 27, 28, 262
9	Alberhill:	\$20,101,220	\$18,124,041	\$1,266,088	10-CWIP, Lines 27, 28, 288
10	ELM Series Caps:	\$65,187,847	\$46,148,081	\$75,457,509	10-CWIP, Lines 27, 28, 314
11		\$0	--	\$0	10-CWIP, Lines 27, 28, 340
12	Totals:	\$442,100,547	\$297,221,934	\$479,223,757	Sum of Lines 1 to 11
b) Return:					
		<u>EOY Amount</u>	<u>Average Amount</u>	<u>Source</u>	
13	CWIP Amount:	\$442,100,547	\$297,221,934	Line 12	
14	Cost of Capital Rate:	8.4609%	8.4609%	1-BaseTRR, Line 54	
15	Cost of Capital:	\$37,405,574	\$25,147,576	Line 13 * Line 14	
c) Income Taxes					
		<u>EOY Amount</u>	<u>Average Amount</u>	<u>Source</u>	
16	CWIP Amount:	\$442,100,547	\$297,221,934	Line 12	
17	Equity ROR w Preferred Stock ("ER"):	6.3811%	6.3811%	1-BaseTRR, Line 55	
18	Composite Tax Rate:	27.9836%	27.9836%	1-BaseTRR, Line 59	
19	Income Taxes:	\$10,961,983	\$7,369,685	Formula on Line 21	
20					
21	Income Taxes = [(RB * ER) * (CTR/(1 - CTR))], or [(L13 * L17) * (L18 / (1 - L18))]				
22	(No "Credits and Other" or "AFUDC" Terms, since these are not related to CWIP)				
23					
d) ROE Incentives:					
		<u>Value</u>	<u>Source</u>		
24	IREF =	\$6,591	15-IncentiveAdder, Line 3		
1) Tehachapi					
		<u>EOY Amount</u>	<u>Average Amount</u>		
25	Tehachapi CWIP Amount:	\$156,282	\$154,730	Line 1	
26	ROE Adder %:	1.25%	1.25%	15-IncentiveAdder, Line 5	
27	ROE Adder \$:	\$1,288	\$1,275	Formula on Line 32	
2) Devers to Colorado River					
		<u>EOY Amount</u>	<u>Average Amount</u>		
28	DCR CWIP Amount:	\$0	\$0	Line 2	
29	ROE Adder %:	1.00%	1.00%	15-IncentiveAdder, Line 6	
30	ROE Adder \$:	\$0	\$0	Formula on Line 32	
31					
32	ROE Adder \$ = (Project CWIP Amount/\$1,000,000) * IREF * (ROE Adder % / 1%)				
e) Total of Return, Income Taxes, and ROE Incentives contribution to PYTRR and True Up TRR					
			True Up		
		<u>PYTRR</u>	<u>TRR</u>		
		<u>Amount</u>	<u>Amount</u>	<u>Source</u>	
33	Return:	\$37,405,574	\$25,147,576	Line 15	
34	Income Taxes:	\$10,961,983	\$7,369,685	Line 19	
35	ROE Adder Tehachapi:	\$1,288	\$1,275	Line 27	
36	ROE Adder DCR:	\$0	\$0	Line 30	
37	FF&U:	\$587,391	\$325,446	Note 1	
38	Total:	\$48,956,236	\$32,843,981	Sum Lines 33 to 37	

f) Contribution from each Project to the Prior Year TRR and True Up TRR

1) Contribution to the Prior Year TRR

	<u>Project</u>	<u>Col 1 Cost of Capital</u>	<u>Col 2 Income</u>	<u>Col 3 Taxes</u>	<u>Col 4 ROE Adder</u>	<u>Col 5 FF&U</u>	<u>Total</u>	<u>Source</u>
							= Sum C1 to C4	
39	Tehachapi:	\$13,223	\$3,875	\$1,288	\$223	\$18,609	Note 2	
40	Devers to Colorado River:	\$0	\$0	\$0	\$0	\$0	Note 2	
41	South of Kramer:	\$441,696	\$129,442	\$0	\$6,936	\$578,074	Note 2	
42	West of Devers:	\$19,309,948	\$5,658,924	\$0	\$303,222	\$25,272,094	Note 2	
43	Red Bluff:	\$0	\$0	\$0	\$0	\$0	Note 2	
44	Whirlwind Sub Expansion:	\$0	\$0	\$0	\$0	\$0	Note 2	
45	Colorado River Sub Expansion:	\$0	\$0	\$0	\$0	\$0	Note 2	
46	Mesa	\$10,424,506	\$3,054,979	\$0	\$163,695	\$13,643,181	Note 2	
47	Alberhill	\$1,700,739	\$498,414	\$0	\$26,707	\$2,225,860	Note 2	
48	ELM Series Caps	\$5,515,462	\$1,616,347	\$0	\$86,609	\$7,218,418	Note 2	
49		---	---	---	---	---	Note 2	
50	Totals:	\$37,405,574	\$10,961,983	\$1,288	\$587,391	\$48,956,236	Sum L 39 to L 49	

2) Contribution to the True Up TRR

	<u>Project</u>	<u>Col 1 Cost of Capital</u>	<u>Col 2 Income</u>	<u>Col 3 Taxes</u>	<u>Col 4 ROE Adder</u>	<u>Col 5 FF&U</u>	<u>Total</u>	<u>Source</u>
							= Sum C1 to C4	
51	Tehachapi:	\$13,092	\$3,837	\$1,275	\$221	\$18,424	Note 3	
52	Devers to Colorado River:	\$0	\$0	\$0	\$0	\$0	Note 3	
53	South of Kramer:	\$425,870	\$124,804	\$0	\$6,687	\$557,362	Note 3	
54	West of Devers:	\$12,159,149	\$3,563,329	\$0	\$190,934	\$15,913,412	Note 3	
55	Red Bluff:	\$0	\$0	\$0	\$0	\$0	Note 3	
56	Whirlwind Sub Expansion:	\$0	\$0	\$0	\$0	\$0	Note 3	
57	Colorado River Sub Expansion:	\$0	\$0	\$0	\$0	\$0	Note 3	
58	Mesa	\$7,111,481	\$2,084,073	\$0	\$111,671	\$9,307,225	Note 3	
59	Alberhill	\$1,533,452	\$449,390	\$0	\$24,080	\$2,006,922	Note 3	
60	ELM Series Caps	\$3,904,531	\$1,144,252	\$0	\$61,312	\$5,110,096	Note 3	
61		---	---	---	---	---	Note 3	
62	Totals:	\$25,147,576	\$7,369,685	\$1,275	\$394,905	\$32,913,441	Sum of L 51 to 61	

2) Contribution from the Incremental Forecast Period TRR

a) Total of all CWIP projects

		<u>Value</u>	<u>Source</u>
63	Forecast Period Incremental CWIP:	\$479,223,757	Line 12, Col 3
64	AFCRCWIP:	10.940%	2-IFPTRR, Line 16
65	CWIP component of IFPTRR without FF&U:	\$52,428,984	Line 63 * Line 64
66	FF&U:	<u>\$636,698</u>	Line 65 * (28-FFU, L5 FF Factor + U Factor)
67	CWIP component of IFPTRR including FF&U:	\$53,065,681	Line 65 + Line 66

b) Individual Project Contribution

	<u>Project</u>	<u>Amount wo FF&U</u>	<u>Amount with FF&U</u>	<u>Source</u>
68	Tehachapi:	-\$17,098	-\$17,306	Note 4
69	Devers to Colorado River:	\$0	\$0	Note 4
70	South of Kramer:	\$91,419	\$92,529	Note 4
71	West of Devers:	\$27,325,090	\$27,656,926	Note 4
72	Red Bluff:	\$0	\$0	Note 4
73	Whirlwind Sub Expansion:	\$0	\$0	Note 4
74	Colorado River Sub Expansion:	\$983,007	\$994,944	Note 4
75	Mesa	\$15,652,700	\$15,842,786	Note 4
76	Alberhill	\$138,515	\$140,197	Note 4
77	ELM Series Caps	\$8,255,351	\$8,355,604	Note 4
78		---	---	Note 4
79	Totals:	\$52,428,984	\$53,065,681	Sum of Lines 68 to 78

3) Total Contribution of CWIP to the Retail and Wholesale Base TRRs:**a) Total of all CWIP projects**

		<u>Value</u>	<u>Source</u>
80	PY Total Return, Taxes, Incentive:	\$48,368,845	Sum Line 33 to 36
81	CWIP component of IFPTRR wo FF&U:	\$52,428,984	Line 65
82	Total without FF&U:	\$100,797,828	Line 80 + Line 81
83	FF Factor:	1.0008%	28-FFU, Line 5
84	U Factor:	0.2136%	28-FFU, Line 5
85	Franchise Fees Amount:	\$1,008,785	Line 82 * Line 83
86	Uncollectibles Amount:	\$215,304	Line 82 * Line 84
87	Total Contribution of CWIP to Retail Base TRR:	\$102,021,917	Line 82 + Line 85 + Line 86
88	Total Contribution of CWIP to Wholesale Base TRR:	\$101,806,613	Line 82 + Line 85

b) Individual CWIP Project Contribution to the Retail Base TRR

	<u>Col 1</u> <u>PYTRR</u> <u>wo FF&U</u>	<u>Col 2</u> <u>IFPTRR</u> <u>wo FF&U</u>	<u>Col 3</u> <u>FF&U</u>	<u>Col 4</u> <u>Total</u> <u>Source</u>
89	Tehachapi:	\$18,386	-\$17,098	\$16 \$1,303 Note 5
90	Devers to Colorado River:	\$0	\$0	\$0 Note 5
91	South of Kramer:	\$571,138	\$91,419	\$8,046 \$670,603 Note 5
92	West of Devers:	\$24,968,872	\$27,325,090	\$635,058 \$52,929,020 Note 5
93	Red Bluff:	\$0	\$0	\$0 Note 5
94	Whirlwind Sub Expansion:	\$0	\$0	\$0 Note 5
95	Colorado River Sub Expansion:	\$0	\$983,007	\$11,938 \$994,944 Note 5
96	Mesa	\$13,479,486	\$15,652,700	\$353,781 \$29,485,967 Note 5
97	Alberhill	\$2,199,153	\$138,515	\$28,389 \$2,366,057 Note 5
98	ELM Series Caps	\$7,131,810	\$8,255,351	\$186,862 \$15,574,023 Note 5
99		---	---	---
100	Totals:	\$48,368,845	\$52,428,984	\$1,224,089 \$102,021,917

c) Individual CWIP Project Contribution to the Wholesale Base TRR

	<u>Col 1</u> <u>PYTRR</u> <u>wo FF&U</u>	<u>Col 2</u> <u>IFPTRR</u> <u>wo FF&U</u>	<u>Col 3</u> <u>FF</u>	<u>Col 4</u> <u>Total</u> <u>Source</u>
101	Tehachapi:	\$18,386	-\$17,098	\$13 \$1,301 Note 6
102	Devers to Colorado River:	\$0	\$0	\$0 Note 6
103	South of Kramer:	\$571,138	\$91,419	\$6,631 \$669,188 Note 6
104	West of Devers:	\$24,968,872	\$27,325,090	\$523,358 \$52,817,320 Note 6
105	Red Bluff:	\$0	\$0	\$0 Note 6
106	Whirlwind Sub Expansion:	\$0	\$0	\$0 Note 6
107	Colorado River Sub Expansion:	\$0	\$983,007	\$9,838 \$992,845 Note 6
108	Mesa	\$13,479,486	\$15,652,700	\$291,555 \$29,423,740 Note 6
109	Alberhill	\$2,199,153	\$138,515	\$23,395 \$2,361,064 Note 6
110	ELM Series Caps	\$7,131,810	\$8,255,351	\$153,995 \$15,541,156 Note 6
111		---	---	---
112	Totals:	\$48,368,845	\$52,428,984	\$1,008,785 \$101,806,613

Notes:

- 1) (Sum Lines 33 to 36) * (FF + U Factors from 28-FFU) for Prior Year TRR
(Sum Lines 33 to 36) * (FF Factor from 28-FFU) for True Up TRR
- 2) Project Cost of capital is a fraction of total Cost of Capital on Line 15 based on fraction of project CWIP Balances on Lines 1 to 12, Col 1.
Project Income Taxes is a fraction of total Income on Line 19 based on fraction of project CWIP Balances on Lines 1 to 12, Col 1.
ROE Adder is from Lines 35 and 36. FF&U Expenses are based on FF&U Factors on 28-FFU.
- 3) Project Cost of capital is a fraction of total Cost of Capital on Line 15 based on fraction of project CWIP Balances on Lines 1 to 12, Col 2.
Project Income Taxes is a fraction of total Income on Line 19 based on fraction of project CWIP Balances on Lines 1 to 12, Col 2.
ROE Adder is from Lines 35 and 36. FF&U Expenses are based on FF&U Factors on 28-FFU.
- 4) Project contribution to total IFPTRR is based on fraction of Forecast Period CWIP Balances on Lines 1 to 12, Col 3.
- 5) Column 1 is from Lines 39 to 49, Sum of Column 1-3 (no FF&U).
Column 2 is from Lines 68 to 78 (no FF&U).
Column 3 is the product of (C1 + C2) and the sum of FF and U factors (28-FFU, L5)
- 6) Same as Note 5 except no Uncollectibles Expense in Column 3.

Calculation of Wholesale Difference to the Base TRR

Inputs are shaded yellow

The Wholesale Difference to the Base TRR represents the amount by which the Wholesale Base TRR differs as compared to the Retail Base TRR. This difference is attributable to differences in the following six items, as approved by Commission Order 86 FERC ¶ 63,014 in Docket No. ER97-2355.

These six items may affect the Base TRR by affecting Rate Base, or affecting an annual expense (amortization). If the annual amortization affects Income Taxes, there is an additional annual Income Tax Effect. The table summarizes these impacts for each item:

<u>Line</u>		<u>Rate Base Difference</u>	<u>Expense (Amortization) Difference</u>	<u>Expense Tax Impact</u>
1	a) Depreciation	Yes	Yes	No
2	b) Taxes Deferred - Make Up Adjustment (South Georgia)	Yes	Yes	Yes
3	c) Excess Deferred Taxes	Yes	Yes	Yes
4	d) Taxes Deferred - Acct. 282 ACRS/MACRS	Yes	Yes	No
5	e) Uncollectibles Expense	No	Yes	No
6	f) EPRI and EEI Dues	No	Yes	No

1) Calculation of Wholesale Rate Base Difference and Wholesale Rate Base Adjustment

a) Quantification of the Initial 2010 Wholesale Rate Base Difference and annual change

The difference between Retail and Wholesale Rate Base is attributable to the following four items, with the Initial Prior Year 2010 Rate Base differences and annual changes as follows:

		<u>Data Source</u>	<u>Col 1</u>	<u>Col 2</u>
			<u>2010 Rate Base Difference (Wholesale less Retail)</u>	<u>Annual Change (Amortization)</u>
7	1) Accumulated Depreciation	Fixed values	\$31,556,000	-\$2,176,300
8	2) Taxes Deferred - Make Up Adjustment	Fixed values	-\$35,044,000	\$2,503,000
9	3) Excess Deferred Taxes	Fixed values	-\$624,650	\$43,100
10	4) Taxes Deferred - Acct. 282 ACRS/MACRS	Fixed values	-\$7,410,000	\$511,200
11			Totals:	\$881,000

b) Quantification of the Wholesale Rate Base Adjustment

The Wholesale Rate Base Adjustment represents the impact on the Wholesale Base TRR relative to the Retail Base TRR of the Wholesale Rate Base Difference for the Prior Year.

	<u>Data Source</u>	<u>Value</u>	<u>Notes/Instructions</u>
12	Fixed Charge Rate	2-IFPTRR Line 16	10.94%
13	Prior Year		2018
14	Wholesale Rate Base Difference for Prior Year		-\$4,474,650
15	Wholesale Rate Base Adjustment	Line 14 * Line 12	-\$489,544

2) Calculation of Wholesale Expense Difference

The annual Wholesale Expense Difference impact is the negative of amounts stated in Lines 7 to 10 above, Column 2. It represents the effect on expenses (Wholesale less Retail) of amortizing the associated balances each year. If an annual amortization amount affects Income Taxes, the expense difference must be grossed up for income taxes.

a) Calculation of the Wholesale South Georgia Income Tax Adjustment to the TRR

	<u>Source</u>	<u>Value</u>
16	South Georgia Amortization	Line 8
17	Composite Tax Rate ("CTR")	1-BaseTRR L 59
18	Tax Gross Up Factor	(1/(1-CTR))
19	Wholesale South Georgia	
20	Income Tax Adjustment to the TRR:	- Line 16 * Line 18

b) Calculation of "Excess Deferred Taxes" Grossed Up for Income Taxes

	<u>Source</u>	<u>Value</u>
21	Annual Amort. of "Excess Deferred Taxes":	Line 9
22	Tax Gross Up Factor	Line 18
23	Excess Deferred Taxes Grossed Up for Income Taxes:	- Line 21 * Line 22

25 c) Calculation of EPRI and EEI Dues Exclusion

	<u>Source</u>	<u>Notes/Instructions</u>
26 EPRI Dues	SCE Records	\$60,000 Note 5
28 EEI Dues	SCE Records	\$1,560,365 Note 5
29 Sum of EPRI and EEI Dues	Line 27 + 28	\$1,620,365
30 Transmission Wages and Salaries Allocation Factor	27-Allocators, Line 9	<u>5.9033%</u>
31 EPRI and EEI Dues Exclusion	Line 29 * 30	\$95,656

d) Total Expense Difference

		<u>Notes/Instructions</u>
32 1) Wholesale Depreciation Difference	- Line 7, Col. 2	\$2,176,300
33 2) Taxes Deferred - Make Up Adjustment	Line 20	-\$3,475,597
34 3) Excess Deferred Taxes	Line 23	-\$59,847
35 4) Taxes Deferred - Acct. 282 ACRS/MACRS	- Line 10, Col. 2	-\$511,200
36 5) EPRI and EEI Dues Exclusion	- Line 31	-\$95,656
37 6) Additional Expense Difference		\$21,039
38	Total Expense Difference:	-\$1,944,961

3) Calculation of the Wholesale Difference to the Base TRR

	<u>Source</u>	<u>Value</u>
39 Wholesale Rate Base Adjustment	Line 15	-\$489,544
40 Expense Difference	Line 38	-\$1,944,961
41 Uncollectibles Expense -- Prior Year TRR	- 1-Base TRR, L 80	-\$2,541,224
42 Uncollectibles Expense -- IFPTRR	- 2-IFPTRR, L 80	<u>-\$281,584</u>
43 Subtotal:	Sum Line 39 to Line 42	-\$5,257,314
44 Franchise Fee Exclusion		<u>-\$24,365</u>
45 Wholesale Difference to the Base TRR:	Line 43 + Line 44	-\$5,281,678

Notes/Instructions:

- 1) Fixed Charge Rate of capital and income tax costs associated with \$1 of Rate Base is defined elsewhere in this formula as "AFCRCWIP".
- 2) Input Prior Year for this Informational Filing in Line 13.
- 3) Calculation: (Line 11, Col 1) + ((Line 11, Col 2) * (Line 13 - 2010)).
- 4) Franchise Fee Exclusion is equal to the Franchise Fee Factor on the 28-FFU Line 5 times Line 39 + 40.
- 5) Only exclude if not already excluded in Schedule 20.
- 6) If appropriate, additional expenses may be excluded from the Wholesale Base TRR

Income Tax Rates**1) Federal Income Tax rate**

Inputs are shaded yellow

<u>Line</u>	<u>Rate</u>	<u>Federal</u> <u>Income Tax</u> <u>Rate ("FITR")</u>	<u>Source</u>
1	2020	21.00%	Note 1, Note 4
2			

3) Composite State Income Tax Rate

4

<u>Line</u>	<u>Rate</u>	<u>State</u> <u>Income Tax</u> <u>Rate ("CSITR")</u>	<u>Source</u>
7	2020	8.8400%	Note 2
8			

12) Capitalized Overhead portion of Electric Payroll Tax Expense

13

	<u>Amount</u>
14 Total Electric Payroll Tax Expense (From 1-BaseTRR, Line 31)	\$119,136,716
15 Capitalization Rate (Note 3)	39.8%
16 Capitalized Overhead portion of Electric Payroll Tax Expense (Line 14 * Line 15)	\$47,416,413
17 Non-Capitalized Overhead portion of Electric Payroll Tax Expense (Line 14 - Line 16)	\$71,720,303

Notes:

1) Federal Source Statute: Internal Revenue Code § 11.b

2) California State Source Statute:

California Rev. & Tax. Cd. § 23151

3) Capitalization Rate approved in: CPUC D. 15-11-021
For the following Prior Years:

2015-2018

4) In the event that either the Federal or State Income Tax Rate applicable to the Rate Year differs from that in effect during the Prior Year, the True Up TRR for the Prior Year will be calculated utilizing the same Formula Rate Spreadsheet except for the Income Tax rate(s). The difference between the True Up TRR calculated in such workpaper using the Income Tax Rates that were in effect during the Prior Year and the True Up TRR otherwise calculated by this formula shall be entered as a One Time Adjustment on Schedule 3, ensuring that the Formula Spreadsheet correctly calculates the True Up TRR for the Prior Year to be based on the Income Tax Rate(s) that were in effect during that year. For the Prior Years of 2016 and 2017, both of which will have Income Tax Rates that differ between the Prior Year and the Rate Year due to the passage of the 2017 Tax Cuts and Jobs Act, this provision will be implemented as part of the Section 6 of the Formula Rate Protocols, which will calculate the True Up TRR for those years based on a Federal Income Tax Rate of 35%.

Calculation of Allocation Factors

1) Calculation of Transmission Wages and Salaries Allocation Factor

<u>Line</u>	<u>Notes</u>	<u>Inputs are shaded yellow</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>Prior Year Value</u>
1	ISO Transmission Wages and Salaries		19-OandM Line 91, Col. 7	\$34,568,762
2	Total Wages and Salaries		FF1 354.28b	\$751,177,566
3	Less Total A&G Wages and Salaries		FF1 354.27b	\$220,649,268
4	Total Wages and Salaries wo A&G		Line 2 - Line 3	\$530,528,298
5	Total NOIC (Non-Officer Incentive Compensation)		20-AandG, Note 2	\$82,490,008
6	Less A&G NOIC		20-AandG, Note 2	\$27,438,375
7	NOIC wo A&G NOIC		Line 5 - Line 6	\$55,051,633
8	Total non-A&G W&S with NOIC		Line 4 + Line 7	\$585,579,931
9	Transmission Wages and Salary Allocation Factor		Line 1 / Line 8	5.9033%
10				

2) Calculation of Transmission Plant Allocation Factor

<u>Line</u>	<u>Notes</u>	<u>Inputs are shaded yellow</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>Prior Year Value</u>
14	Transmission Plant - ISO		7-PlantStudy, Line 21	\$8,787,478,998
15	Distribution Plant - ISO		7-PlantStudy, Line 30	\$0
16	Total Electric Miscellaneous Intangible Plant		6-PlantInService, Line 21, C2	\$1,211,743,818
17	Electric Miscellaneous Intangible Plant - ISO		Line 16 * Line 9	\$71,533,333
18	Total General Plant		6-PlantInService, Line 21, C1	\$3,095,312,496
19	General Plant - ISO		Line 18 * Line 9	\$182,726,758
20	Total Plant In Service		FF1 207.104g	\$48,205,871,081
21				
22	Transmission Plant Allocation Factor		(L14 + L15 + L17 + L19) / L20	18.7565%
23				

3) Schedule 19 "Percent ISO" Allocation Factors (Input values are from SCE Records)

<u>Line</u>	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
27	ISO Line Miles	5,702	563 -Overhead Line Expenses - Allocated
28	Non-ISO Line Miles	6,457	567 - Line Rents - Allocated
29	Total Line Miles	12,159 = L27 + L28	571 - Maintenance of Overhead Lines - Allocated
30	Line Miles Percent ISO	46.9% = L27 / L29	
31			
<u>Line</u>	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
32	b) Underground Line Miles		
33	ISO Underground Line Miles	5	564 - Underground Line Expense
34	Non-ISO Underground Line Miles	358	572 - Maintenance of Underground Transmission Lines
35	Total Undergound Line Miles	363 = L33 + L34	
36	Underground Line Miles Percent ISO	1.4% = L33 / L35	
37			
<u>Line</u>	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
38	c) Circuit Breakers		
39	ISO Circuit Breakers	1,233	All Other Non 0% or 100% Transmission O&M Accounts
40	Non-ISO Breakers	2,093	
41	Total Circuit Breakers	3,326 = L39 + L40	
42	Circuit Breakers Percent ISO	37.1% = L39 / L41	
43			
<u>Line</u>	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
44	d) Distribution Circuit Breakers		
45	ISO Distribution Circuit Breakers	0	582 - Station Expenses
46	Non-ISO Distribution Circuit Breakers	8,841	590 - Maintenance Supervision and Engineering
47	Total Distribution Circuit Breakers	8,841 = L45 + L46	591 - Maintenance of Structures
48	Distribution Circuit Breakers Percent ISO	0.0% = L45 / L47	592 - Maintenance of Station Equipment

Franchise Fees and Uncollectibles Expense Factors**1) Approved Franchise Fee Factor(s)**

Inputs are shaded yellow

<u>Line</u>	<u>From</u>	<u>To</u>	<u>Days in Prior Year</u>	<u>FF Factor</u>	<u>Reference</u>
1	2018	Present	365	1.00080%	Schedule 28 - Workpaper Line 3
2					

2) Approved Uncollectibles Expense Factor(s)

<u>Line</u>	<u>From</u>	<u>To</u>	<u>Days in Prior Year</u>	<u>U Factor</u>	<u>Reference</u>
3	2018	Present	365	0.21360%	Schedule 28 - Workpaper Line 4
4					

3) FF and U Factors

<u>Prior Year</u>	<u>FF Factor</u>	<u>U Factor</u>	<u>Notes</u>
5	2017	1.00080% 0.21360%	Calculated according to Instruction 3

Notes:

- 1) Franchise Fees represent payments that SCE makes to municipal entities for the right to locate facilities within the municipality.

Instructions:

- 1) Enter Franchise Fee and Uncollectibles Factors as approved by the California Public Utilities Commission ("CPUC") in modules 1 and 2 above pursuant to Instruction 2. If approved factors changed during Prior Year, enter both, and note period of time for which each applies in "From" and "To" columns, and number of days each was in effect during the Prior Year in "Days in Prior Year" Column.
- 2) Franchise Fees Factor is calculated from CPUC Decision by dividing adopted Franchise Fees by Total Operating Revenues less Franchise Fees. Uncollectibles Factor is calculated by dividing adopted Uncollectibles expense by Total Operating revenues less Uncollectibles Expense. Resulting FF & U Factors represent factors that, when applied to TRR without FF and U will correctly determine FF and U expense.
- 3) Calculate in module 3 the weighted average FF and U factors from the factors in modules 1 and 2 based on the number of days each FF and U factor was in effect during the Prior Year at issue.

	<u>Percent</u>	<u>Calculation</u>
Prior Year FF Factor:	1.00080%	((L1 FF Factor * L1 Days) + (L2 FF Factor * L2 Days))/(L1+L2 Days)
Prior Year U Factor:	0.21360%	((L3 U Factor * L3 Days) + (L4 U Factor * L4 Days))/(L3+L4 Days)

CALCULATION OF SCE WHOLESALE HIGH AND LOW VOLTAGE TRRS

<u>Line</u>	<u>TRR Values</u>	<u>Notes</u>	<u>Source</u>
1	\$957,694,229 = Wholesale Base TRR		1-BaseTRR, Line 89
2	-\$61,242,225 = Total Wholesale TRBAA	Note 1	2020 TRBAA ER20-268
3	-\$61,021,516 = HV Wholesale TRBAA		2020 TRBAA ER20-268
4	-\$220,709 = LV Wholesale TRBAA		2020 TRBAA ER20-268
5	-\$6,763,961 = Total Standby Transmission Revenues	Note 2	SCE Retail Standby Rate Revenue
6	97.0289% = HV Allocation Factor		31-HVLV, Line 37
7	2.9711% = LV Allocation Factor		31-HVLV, Line 37

Calculation of Total High Voltage and Low Voltage components of Wholesale TRR

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Source</u>
		<u>TOTAL</u>	<u>High Voltage</u>	<u>Low Voltage</u>	
8	Wholesale Base TRR:	\$957,694,229	\$929,239,816	\$28,454,413	See Note 3
9	CWIP Component of Wholesale Base TRR:	\$101,806,613	\$101,806,613	\$0	See Note 4
10	Non-CWIP Component of Wholesale Base TRR:	\$855,887,617	\$827,433,203	\$28,454,413	See Note 5
11	Wholesale TRBAA:	-\$61,242,225	-\$61,021,516	-\$220,709	Lines 2 to 4
12	Less Standby Transmission Revenues:	<u>-\$6,763,961</u>	<u>-\$6,562,994</u>	<u>-\$200,967</u>	See Note 6
13	Components of Wholesale Transmission Revenue Requirement:	\$889,688,044	\$861,655,306	\$28,032,738	Sum of Lines 8, 11, and 12

Notes:

1) TRBAA is "Transmission Revenue Balancing Account Adjustment". The TRBAA is determined pursuant to SCE's Transmission Owner Tariff and may be revised each January 1, upon commission acceptance of a revised TRBAA amount, or upon the date the Commission orders.

2) From 33-RetailRates. See Line:

Line 17, column 3

3) Column 1 is from Line 1.

Column 2 equals Column 1 * Line 6.

Column 3 equals Column 1 * Line 7.

4) From 24-CWIPTRR, Line 88. All High Voltage.

5) Line 8 - Line 9

6) Column 1 is from Line 5.

Column 2 equals Column 1 * Line 6.

Column 3 equals Column 1 * Line 7.

Calculation of SCE Wholesale Rates (See Note 1)

SCE's wholesale rates are as follows:

- 1) Low Voltage Access Charge
- 2) High Voltage Utility-Specific Rate
- 3) HV Existing Contracts Access Charge

Calculation of Low Voltage Access Charge:

<u>Line</u>			<u>Source</u>
1	LV TRR =	\$28,032,738	29-WholesaleTRRs, Line 13, C3
2	Gross Load =	87,036,035	32-Gross Load, Line 4
3	Low Voltage Access Charge =	\$0.00032	Line 1 / (Line 2 * 1000)

Calculation of High Voltage Utility Specific Rate:

(used by ISO in billing of ISO TAC)

			<u>Source</u>
4	SCE HV TRR =	\$861,655,306	29-WholesaleTRRs, Line 13, C2
5	Gross Load =	87,036,035	32-Gross Load, Line 4
6	High Voltage Utility-Specific Rate =	\$0.0099000	Line 4 / (Line 5 * 1000)

Calculation of High Voltage Existing Contracts Access Charge:

			<u>Source</u>
7	HV Wholesale TRR =	\$861,655,306	29-WholesaleTRRs, Line 13, C2
8	Sum of Monthly Peak Demands:	177,229	32-Gross Load, Line 5
9	HV Existing Contracts Access Charge:	\$4.86	Line 7 / (Line 8 * 1000)

Notes:

- 1) SCE's wholesale rates are subject to revision upon acceptance by the Commission of a revised TRBAA amount. See Note 1 on 29-WholesaleTRRs.

Derivation of High Voltage and Low Voltage Gross Plant Percentages

Determination of HV and LV Gross Plant Percentages for ISO Transmission Plant in accordance with ISO Tariff Appendix F, Schedule 3, Section 12.

Input cells are shaded yellow

A) Total ISO Plant from Prior Year				HV and LV Components of Total ISO Plant on Lines 2, 3, 7, 8, and 9 are from the Plant Study, performed pursuant to Section 9 of Appendix IX:					
Line	Classification of Facility:	Total ISO Gross Plant	Land	Structures	HV Land	LV Land	HV Structures	LV Structures	HV/LV Transformers
1	Lines:								
2	HV Transmission Lines	\$4,535,240,490	\$207,142,732	\$4,328,097,758	\$207,142,732	\$0	\$4,328,097,758	\$0	\$0
3	LV Transmission Lines	<u>\$108,889,670</u>	<u>\$5,561,931</u>	<u>\$103,327,739</u>	<u>\$0</u>	<u>\$5,561,931</u>	<u>\$0</u>	<u>\$103,327,739</u>	<u>\$0</u>
4	Total Transmission Lines (L2 + L3):	\$4,644,130,161	\$212,704,663	\$4,431,425,498	\$207,142,732	\$5,561,931	\$4,328,097,758	\$103,327,739	\$0
5									
6	Substations:								
7	HV Substations (>= 200 kV)	\$3,635,804,186	\$39,571,602	\$3,596,232,583	\$39,571,602	\$0	\$3,596,232,583	\$0	\$0
8	Straddle Subs (Cross 200 kV boundary):	464,104,071	\$191,615	\$463,912,456	\$107,609	\$84,006	\$271,869,850	\$130,090,918	\$61,951,688
9	LV Substations (Less Than 200kV)	<u>43,440,580</u>	<u>\$146,757</u>	<u>\$43,293,823</u>	<u>\$0</u>	<u>\$146,757</u>	<u>\$0</u>	<u>\$43,293,823</u>	<u>\$0</u>
10	Total all Substations (L7 + L8 + L9)	\$4,143,348,837	\$39,909,974	\$4,103,438,863	\$39,679,211	\$230,763	\$3,868,102,434	\$173,384,741	\$61,951,688
11									
12	Total Lines and Substations	\$8,787,478,997	\$252,614,637	\$8,534,864,360	\$246,821,944	\$5,792,694	\$8,196,200,192	\$276,712,480	\$61,951,688
13									
14									
15	Gross Plant that can directly be determined to be HV or LV:								
16		High Voltage	Low Voltage	Total	Notes:				
17									
18	Land	\$246,821,944	\$5,792,694	\$252,614,637	From above Line 12				
19	Structures	\$8,196,200,192	\$276,712,480	\$8,472,912,672	From above Line 12				
20	Total Determined HV/LV:	\$8,443,022,135	\$282,505,174	\$8,725,527,309	Sum of lines 18 and 19				
21	Gross Plant Percentages (Prior Year):	96.762%	3.238%		Percent of Total				
22									
23	Straddling Transformers	\$59,945,887	\$2,005,801	\$61,951,688	Straddling Transformers split by Gross Plant Percentages on Line 21				
24	Abandoned Plant (BOY)	\$0	\$0	\$0	Total: 12-Abandoned Plant Line 2, HV: 12-Abandoned Plant Line 5, LV = Total - HV				
25	Total HV and LV Gross Plant for Prior Year	\$8,502,968,022	\$284,510,975	\$8,787,478,997	Line 20 + Line 23 + Line 24				
26									
27									
28	B) Gross Plant Percentage for the Rate Year:								
29									
30		High Voltage	Low Voltage	Total	Notes:				
31									
32	Total HV and LV Gross Plant for Prior Year	\$8,502,968,022	\$284,510,975	\$8,787,478,997	Line 25				
33	In Service Additions in Rate Year:	\$569,128,092	\$7,961,646	\$577,089,738	13-Month Average: 16-PlantAdditions, Line 25, Cols 7 (for Total) and 12 (for LV). HV = C7 - C12				
34	CWIP in Rate Year	<u>\$479,223,757</u>	<u>\$0</u>	<u>\$479,223,757</u>	13 Month Average: 10-CWIP, Line 54, Col. 8				
35	Total HV and LV Gross Plant for Rate Year	\$9,551,319,871	\$292,472,621	\$9,843,792,492	Line 32 + Line 33 + Line 34				
36									
37	HV and LV Gross Plant Percentages:	97.029%	2.971%		Percent of Total on Line 35				
38	(HV Allocation Factor and								
39	LV Allocation Factor)								

Calculation of Forecast Gross Load

<u>Line</u>	<u>MWh</u>	<u>Calculation</u>	<u>Source</u>
1	SCE Retail Sales at ISO Grid level:	86,985,944	Note 1
2	Pump Load forecast:	21,240	Note 2
3	Pump Load True-Up:	<u>28,851</u>	Note 4
4	Forecast Gross Load:	87,036,035	Line 1 + Line 2 + Line 3 Sum of above
5	Forecast 12-CP Retail Load:	177,229	Note 1

Notes:

- 1) Latest SCE approved sales forecast as of April 15 of each year.
- 2) SCE pump load forecast as of April 15 of each year.
- 3) The load forecast used in Schedule 32 shall be for the calendar year in which the rates are to be in effect.
- 4) The Pump Load True-Up value is equal to actual recorded less forecast Pump Load for the Prior Year.

Calculation of SCE Retail Transmission Rates

Source
Retail Base TRR: 962,975,907 1-BaseTRR WS, Line 86 **Input cells are shaded yellow**

1) Derivation of "Total Demand Rate" and "Total Energy Rate":

		<u>Col 1</u> Note 1	<u>Col 2</u>	<u>Col 3</u> Note 2	<u>Col 4</u> Note 3	<u>Col 5</u> Note 4	<u>Col 6</u> Note 5	<u>Col 7</u> Note 6	<u>Col 8</u> Note 7	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>	<u>Col 13</u>	<u>Col 14</u>
Sales Forecast Billing Determinants:															
		= Retail Base TRR * Line1:Col1	Sales Forecast (Not Including Backup)	Sales Forecast (Backup)	NEM Adjustment	Applies to supplemental kW demand charges	Applies to contracted standby kW demand charges	= (Line1:Col3 + Line1:Col4) - Line1:Col5	= Line1:Col2 / (Line1:Col6 + Line1:Col7)*10^3)	Note 8	Note 8	Note 8	Note 8	Note 8	Recorded Billing Determinants: to be applied to the Supplemental kW demand charges, and the Contracted Standby kW demand charges
Line	CPUC Rate Group	Total Allocated costs	GWh	Backup GWh	NEM GWh	Maximum demand - MW	Standby demand - MW	Billing Determinants with NEM Adjustment	Total energy rate \$/kWh	Total demand rate - \$/kW-month	GWh	Maximum demand - MW	Standby demand - MW	Notes	
1a	Domestic	43.06%	\$414,619,528	28,631	1619	0	0	27,012	\$0.01535						
1b	TOU-GS-1	7.43%	\$71,512,256	5,811	16	0	1	5,794	\$0.01234	5,942	29,137	1			
1b ₂	TOU-GS-1 continued							0		\$2.52	\$73,341,251	\$2.52		Notes 9,10	
1c	TC-1	0.05%	\$460,897	57		0		57	\$0.00808						
1d	TOU-GS-2	16.52%	\$159,050,615	13,437	99	46,089	36	13,339		\$3.45					
1e	TOU-GS-3	8.60%	\$82,810,770	7,602	116	22,068	71	7,486		\$3.74					
1f	TOU-8-SEC	8.61%	\$82,909,309	8,103	50	20,668		8,054		\$4.01					
1g	TOU-8-PRI	5.59%	\$53,829,371	5,468	30	12,719		5,437		\$4.23					
1h	TOU-8-SUB	6.34%	\$61,005,310	5,982	4	12,119		5,978		\$5.03					
1i	TOU-8-Standby-SEC	0.09%	\$838,629	97	295	246		187		\$1.55					
1j	TOU-8-Standby-PRI	0.19%	\$1,792,247	448	226	1,135	1,243	674		\$0.75					
1k	TOU-8-Standby-SUB	0.39%	\$3,729,776	1,851	528	3,735	8,025	2,379		\$0.32					
1l	TOU-PA-2	1.57%	\$15,118,107	1,828	23	8,523	0	1,805		\$1.77					
1m	TOU-PA-3	1.21%	\$11,632,719	1,483	31	5,075	16	1,452		\$2.29					
1n	Street Lighting	0.38%	\$3,666,373	581				581	\$0.00631						
1o	...						0								
2	Totals:	100.00%	\$962,975,907	81,379	844	1,988	132,426	9,638	80,234						
3															
4															
5	2) Determination of Demand Rates for Large Power (TOU-8) Rate Groups														
6	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>							
7	from Line1:Col2	from Line1:Col7	= Col1 / Col2 / 10^3												
8															
9	CPUC Rate Group	Standby Allocated costs	Standby Demand - MW	Contracted Standby Demand Charge \$/kW					from Line1:Col2	= Col 6 / (Col 7 * 10^3)					
9a	TOU-8-Standby-SEC	\$838,629	246	\$3.41	TOU-8-Standby-SEC	\$82,909,309	20,963	3.96							
9b	TOU-8-Standby-PRI	\$1,792,247	1,243	\$1.44	TOU-8-Standby-PRI	\$53,829,371	13,854	3.89							
9c	TOU-8-Standby-SUB	\$3,729,776	8,025	\$0.46	TOU-8-Standby-SUB	\$61,005,310	15,854	3.85							
9d										
10															

CPUC Rate Group	Non-Standby Allocated Costs	Sum of Standby and Non-Standby Demand	Supplemental kW demand Charge \$/kW
TOU-8-Standby-SEC	\$82,909,309	20,963	3.96
TOU-8-Standby-PRI	\$53,829,371	13,854	3.89
TOU-8-Standby-SUB	\$61,005,310	15,854	3.85
...			

11 3) End-User Transmission Rates

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>
13	= Col 2 + Col 3	= Line1:Col2 - Line1:Col3	= Line16:Col7 * Line1:Col7 * 10^3		= Line16:Col2 / (Line1:Col8 * 10^6)	= Line16:Col2 / (Line1:Col6 / 10^3)	from Line9:Col3	= Line16:Col6 * 0.746	= Line16:Col7 * 0.746		= Line16:Col2 / (Line1:Col8 * 10^6)
14		Note 12			Note 13	Note 14					

CPUC Rate Group	Total Revenues	Revenue associated with Supplemental Demand or Energy	Standby Demand Revenue
15a Domestic	\$414,619,528	\$414,619,528	
16b TOU-GS-1	\$71,512,256	\$71,510,977	\$1,279
16c TC-1	\$460,897	\$460,897	
16d TOU-GS-2	\$159,050,615	\$158,928,714	\$121,901
16e TOU-GS-3	\$82,810,770	\$82,566,925	\$243,845
16f TOU-8-SEC	\$81,741,393	\$81,741,393	
16g TOU-8-PRI	\$49,420,403	\$49,420,403	
16h TOU-8-SUB	\$46,631,838	\$46,631,838	
16i TOU-8-Standby-SEC	\$2,006,546	\$1,167,916	\$838,629
16j TOU-8-Standby-PRI	\$6,201,215	\$4,408,968	\$1,792,247
16k TOU-8-Standby-SUB	\$18,103,248	\$14,373,472	\$3,729,776
16l TOU-PA-2	\$15,118,107	\$15,117,426	\$681
16m TOU-PA-3	\$11,632,719	\$11,597,117	\$35,602
16n Street Lighting	\$3,666,373	\$3,666,373	
16o ---			
17 Totals:	\$962,975,907	\$956,211,947	\$6,763,961

18

19 Notes:

- 1) See Col 9 of Lines 35a, 35b, 35c, etc.
- 2) Sales forecast in total Giga-watt hours usage, represents the customers' total annual GWh usage. Based on same forecast as Gross Load forecast in Schedule 32, Line 1, but at customer meter level. Does not include Backup GWh included in Column 4 (the sum of Column 3 and 4 equals total Sales Forecast).
- 3) Backup GWh represents the amount of electric service that is provided by SCE to a customer who has an onsite generating facility during unscheduled outages of the customer's on-site generator. Only applies to TOU-8-Standby-SEC, TOU-8-Standby-PRI, TOU-8-Standby-SUB Rate Groups.
- 4) Amount of energy included in the sales forecast that is not subject to transmission charges pursuant to the California Public Utilities Commission ("CPUC") approved Net Energy Metering Program.
- 5) Sales forecast pertaining to the sum of monthly maximum supplemental Mega-watt demand, applies to demand charge schedules
- 6) Sales forecast pertaining to the sum of monthly contracted standby Mega-watt demand, applies to standby schedules
- 7) Net Forecast in total Giga-watt hours usage - represents the customers' annual Net GWh, applicable to Non-Demand Charge Schedules such as Residential or Small General Service
- 8) Recorded sales from Sample meters adjusted for population - use to set the total demand rate for the optional time-of-use schedules within the GS-1 rate group
- 9) Line 1b2, Col11 = Line 1b Col9 * Line 1b Col11 * 10^6
- 10) Total demand rate for the optional time-of-use schedules within the GS-1 rate group, Line 1b2:Col10 = Line 1b2:Col12 (which = Line 1b2:Col11 / ((Line1b:Col12 + Line1b:Col13) * 10^3))
- 11) Sum of the TOU-8 Standby and TOU-8 Non-Standby billing determinants in Line1:Col6
- 12) For TOU-8 Rates revenue = Supplemental Demand Charge on Line 9 Column 8 * Maximum Demand on Lines 1 Column 6
- 13) For optional time-of-use schedules within the GS-1 rate group (Line16b:Col6), = (Line1b2:Col11 - Line16:Col3) / Line1b:Col12 / 10^3
- 14) For the non TOU-8-Standby rate group, it is the minimum of Line16i:Col7, or the total demand rate in Line1:Col10
- 15) Applicable to time-of-use schedules within the GS-1 rate group
- 16) Rates associated with Rate Groups GS-2 and TOU-GS-3 are calculated on a combined basis, so that the rate is the sum of the combined Revenue Associated with Supplemental Demand or Energy in Column 2 (line 16d and 16e) divided by the sum of the sum of the Billing Determinants in Column 8 (Line 1d and 1e).
- 17) Applicable to the optional schedules that contain horse power charge such as PA-1
- 18) GWh for TOU-8-Standby-SEC, TOU-8-Standby-PRI, TOU-8-Standby-SUB Rate Groups are placed in TOU-8-SEC, TOU-8-PRI, TOU-8-SUB Rate Groups respectively.

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21

Energy Charge - \$/kWh	Supplemental Demand Charge - \$/kW-month	Contracted standby kW demand Charge - \$/kW-month	Supplemental Demand Charge - \$/HP-month	Contracted standby kW demand Charge - \$/HP-month		Transportation Electrification (TE) Energy Charge - \$/kWh	Notes
\$0.01535							
\$0.01234	\$2.52	\$2.52			Note 15	\$0.01234	
\$0.00808							
	\$3.45	\$3.41					
	\$3.74	\$3.41					
	\$3.96						
	\$3.89						
	\$3.85						
	\$3.96	\$3.41					
	\$3.89	\$1.44					
	\$3.85	\$0.46					
	\$1.77	\$1.77	\$1.32	\$1.32	Note 17		
	\$2.29	\$2.29					

22 Rate Schedules in each CPUC Rate Group:

23
24

25 CPUC Rate Group	Rate Schedules included in Each Rate. Rate Schedules included in Each Rate Group in the Rate Effective Period
26a Domestic	Includes Schedules D, D-CARE, D-FERA, TOU-D-T, TOU-EV-1, TOU-D-TEV, DE, D-SDP, D-SDP-O, DM, DMS-1, DMS-2, DMS-3, and DS.
26b Domestic (cont')	D (Option CPP), D-CARE (Option CPP), TOU-D-Option A, TOU-D-Option B, TOU-D-3, TOU-D-T-CPP, TOU-D (Options 4-9 PM, 5-8 PM, PRIME, and CPP)
26c TOU-GS-1	Includes Schedules GS-1, TOU-EV-3, TOU-EV-7 (Options D and E), and TOU-GS-1 (Options E, ES, D, LG, C, A, B, RTP, CPP, Standby, GS-APS, GS-APS-E, and ME).
26d TC-1	Includes Schedules TC-1, Wi-Fi-1, and WTR.
26d TOU-GS-2	Includes Schedules GS-2, TOU-EV-4, TOU-EV-8, and TOU-GS-2 (Options D, E, A, B, R, RTP, CPP, Standby, GS-APS, GS-APS-E, and ME).
26e TOU-GS-3	Includes Schedules TOU-GS-3-CPP, TOU-EV-8, and TOU-GS-3 (Options D, E, A, B, R, RTP, CPP, Standby, TOU-BIP, GS-APS, GS-APS-E, and ME).
26f TOU-8-SEC	Includes Schedules TOU-8-CPP, TOU-8-RBU, TOU-EV-9, and TOU-8 (Options D, E, A, B, R, RTP, TOU-BIP, GS-APS, GS-APS-E, Backup-B, and ME).
26g TOU-8-PRI	Includes Schedules TOU-8-CPP, TOU-8-RBU, TOU-EV-9, and TOU-8 (Options D, E, A, B, R, RTP, TOU-BIP, GS-APS, GS-APS-E, Backup-B, and ME).
26h TOU-8-SUB	Includes Schedules TOU-8-CPP, TOU-8-RBU, TOU-EV-9, and TOU-8 (Options D, E, A, B, R, RTP, TOU-BIP, GS-APS, GS-APS-E, Backup-B, and ME).
26i TOU-8-Standby-SEC	Includes Schedules TOU-8-Standby (Options D, L, A, B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).
26j TOU-8-Standby-PRI	Includes Schedules TOU-8-Standby (Options D, LG, A, A2, B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).
26k TOU-8-Standby-SUB	Includes Schedules TOU-8-Standby (Options D, LG, A, A2, B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).
26l TOU-PA-2	Includes Schedules PA-1, PA-2, TOU-PA-ICE, and TOU-PA-2 (Options D, E, 4-9 PM, 5-8 PM, A, B, RTP, SOP-1, SOP-2, CPP, Standby, and AP-I).
26m TOU-PA-3	Includes Schedules TOU-PA-3-CPP, and TOU-PA-3 (Options D, E, 4-9 PM, 5-8 PM, A, B, RTP, SOP-1, SOP-2, Standby, and AP-I).
26n Street Lighting	Includes Schedules AL-2, AL-2-B, AL-2-F, DWL, LS-1, LS-2, LS-3, LS-3-B, and OL-1.
26o ---	

27

28

29 Recorded 12-CP Load Data by Rate Group (MW)

	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11
				=						=	
31				Line35:(Col1+Col2 +Col3)/3						Line35:(Col4*Col5 /Col6*Col9)	Line35:(Col10 / total of Col10)
32							from Line1:Col3	from Line1:Col4	= Col 7 + Col 8		
33							Note 18				
34	CPUC Rate Group	2015	2016	2017	3-Year Average	Line losses	Recorded GWh (Average)	Standby Adjusted Sales Forecast - GWh	Backup GWh	Total Sales Forecast - GWh	MW
35a	Domestic	70,775	70,601	78,359	73,245	1.0905	29,637	28,631	0	28,631	77,164 43.06%
35b	TOU-GS-1	12,889	12,483	12,202	12,525	1.0909	5,965	5,811	0	5,811	13,309 7.43%
35c	TC-1	83	82	83	83	1.0917	60	57	0	57	86 0.05%
35d	TOU-GS-2	30,626	29,452	28,687	29,588	1.0905	14,648	13,437	0	13,437	29,601 16.52%
35e	TOU-GS-3	16,184	15,947	15,513	15,881	1.0900	8,539	7,602	0	7,602	15,412 8.60%
35f	TOU-8-SEC	14,907	14,707	14,237	14,617	1.0909	8,474	8,200	0	8,200	15,430 8.61%
35g	TOU-8-PRI	9,882	9,684	9,644	9,737	1.0644	6,120	5,916	0	5,916	10,018 5.59%
35h	TOU-8-SUB	10,984	11,021	11,029	11,012	1.0315	7,836	7,832	0	7,832	11,354 6.34%
35i	TOU-8-Standby-SEC	143	155	142	147	1.0911	92	0	90	90	156 0.09%
35j	TOU-8-Standby-PRI	311	373	301	329	1.0645	237	0	226	226	334 0.19%
35k	TOU-8-Standby-SUB	631	714	602	649	1.0316	509	0	528	528	694 0.39%
35l	TOU-PA-2	3,024	2,748	2,325	2,699	1.0910	1,913	1,828	0	1,828	2,814 1.57%
35m	TOU-PA-3	1,833	1,891	1,858	1,861	1.0896	1,388	1,483	0	1,483	2,165 1.21%
35n	Street Lighting	660	685	960	768	1.0938	716	581	0	581	682 0.38%
35o	---										
36	Totals:	172,933	170,545	175,944	173,140		86,135	81,379	844	82,223	179,217 100.00%

Determination of Unfunded Reserves

Line	Reference	Prior Year Amount		
		Col 1 Prior Year BOY Unfunded Reserves	Col 2 Prior Year EOY Unfunded Reserves	Col 3 Prior Year Average Unfunded Reserves
6	Unfunded Reserves (EOY): (Line 17, Col 2)			-\$167,851,097
7	Unfunded Reserves (Average BOY/EOY): (Line 17, Col 3)			<u>-\$89,185,607</u>
12	Description of Issue Unfunded Reserves			
14	Provision for Injuries and Damages (Line 24)	-\$6,331,157	-\$163,638,042	-\$84,984,599
15	Provision for Vac/Sick Leave (Line 29)	-\$3,633,886	-\$3,663,043	-\$3,648,464
16	Provision for Supplemental Executive Retirement Plan (Line 36)	-\$555,074	-\$550,012	-\$552,543
17	Totals: (Line 14 + Line 15 + Line 16)	<u>-\$10,520,116</u>	<u>-\$167,851,097</u>	<u>-\$89,185,607</u>
19	Calculations			
21	Injuries and Damages			
22	Injuries and Damages - See Note 1	Company Records - Input (Negative)	BOY	EOY
23	Transmission Wages and Salary Allocation Factor (27-Allocators, Line 9)	(27-Allocators, Line 9)	5.9033%	5.9033%
24	ISO Transmission Rate Base Applicable (Line 22 x Line 23)	(Line 22 x Line 23)	<u>-\$107,247,069</u>	<u>-\$2,771,957,879</u>
26	Vacation Leave			
27	Vacation and Personal Time Accruals - Acct. 2350080	Company Records - Input (Negative)	BOY	EOY
28	Transmission Wages and Salary Allocation Factor (27-Allocators, Line 9)	(27-Allocators, Line 9)	5.9033%	5.9033%
29	ISO Transmission Rate Base Applicable (Line 27 x Line 28)	(Line 27 x Line 28)	<u>-\$61,556,455</u>	<u>-\$62,050,371</u>
31	Supplemental Executive Retirement Plan			
32	Supplemental Executive Retirement Plan	Company Records - Input (Negative)	BOY	EOY
33	Times:	Applicable Rate Base Percentage	50%	50%
34	Sub-Total Supplemental Executive Retirement Plan (Line 32 x Line 33)	(Line 32 x Line 33)	<u>-\$9,402,711</u>	<u>-\$9,316,967</u>
35	Transmission Wages and Salary Allocation Factor (27-Allocators, Line 9)	(27-Allocators, Line 9)	5.9033%	5.9033%
36	ISO Transmission Rate Base Applicable (Line 34 x Line 35)	(Line 34 x Line 35)	<u>-\$555,074</u>	<u>-\$550,012</u>

Notes:

- 1) Includes any Unfunded Reserves relating to accrued expenses included in Account 925 "Injuries and Damages", reduced for any expected offsetting payments.

Attachment 2

Retail and Wholesale Transmission Rates

Attachment 2

Southern California Edison
Retail Base Transmission Rates*
Effective Date: January 1, 2020

CPUC Rate Schedules	Regular Service			Standby Service	Transmission Electrification (TE) Energy Charge - \$/kWh
	\$/kWh	\$/kW	\$/HP		
Domestic^{1/}	\$0.01535				
LSMP					
TOU-GS-1 ^{2/}	\$0.01234	\$2.52		\$2.52	\$0.01234
TC-1 ^{3/}	\$0.00808				
TOU-GS-2 ^{4/}		\$3.45		\$3.41	\$0.01160
TOU-GS-3 ^{5/}		\$3.74		\$3.41	\$0.01160
Large Power					
TOU-8-Sec ^{6/}		\$3.96			\$0.01015
TOU-8-Pri ^{6/}		\$3.89			\$0.00909
TOU-8-Sub ^{6/}		\$3.85			\$0.00780
TOU-8-Standby-Sec ^{7/}		\$3.96		\$3.41	
TOU-8-Standby-Pri ^{7a}		\$3.89		\$1.44	
TOU-8-Standby-Sub ^{7b}		\$3.85		\$0.46	
Ag. & Pumping					
TOU-PA-2 ^{8/}		\$1.77	\$1.77	\$1.32	
TOU-PA-3 ^{9/}		\$2.29		\$2.29	
Total Street Lights^{10/}	\$0.00631				

* Retail Base Transmission Rates are based on the Retail Base Transmission Revenue Requirement of: \$962,975,907

[1] Includes Schedules D, D-CARE, D-FERA, TOU-D-T, TOU-EV-1, TOU-D-TEV, DE, D-SDP, D-SDP-O, DM, DMS-1, DMS-2, DMS-3, and DS.

D (Option CPP), D-CARE (Option CPP), TOU-D-Option A, TOU-D-Option B, TOU-D-3, TOU-D-T-CPP, TOU-D (Options 4-9PM, 5-8PM, PRIME, and CPP)

[2] Includes Schedules GS-1, TOU-EV-3, TOU-EV-7 (Options D and E), and TOU-GS-1 (Options E, ES, D, LG, C,A,B, RTP, CPP, Standby, GS-APS, GS-APS-E, and ME).

[3] Includes Schedules TC-1, Wi-Fi-1, and WTR.

[4] Includes Schedules GS-2, TOU-EV-4, TOU-EV-8, and TOU-GS-2 (Options D, E, A, B, R, RTP, CPP, Standby, GS-APS, GS-APS-E, and ME).

[5] Includes Schedules TOU-GS-3-CPP, TOU-EV-8, and TOU-GS-3 (Options D, E, A, B, R, RTP, SOP, Standby, TOU-BIP, GS-APS, GS-APS-E, and ME).

[6] Includes Schedules TOU-8-CPP, TOU-8-RBU, and TOU-8 (Options D, E, A, B, R, RTP, TOU-BIP, GS-APS, GS-APS-E, Backup-B, and ME).

[7] Includes Schedules TOU-8-Standby (Options D, LG, A, B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).

[7a] Includes Schedules TOU-8-Standby (Options D, LG, A, A2, B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).

[7b] Includes Schedules TOU-8-Standby (Options D, LG, A, A2, B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).

[8] Includes Schedules PA-1, PA-2, TOU-PA-ICE, and TOU-PA-2 (Options D, E, 4-9PM, 5-8PM, A, B, RTP, SOP-1, SOP-2, CPP, Standby, and AP-I).

[9] Includes Schedules TOU-PA-3-CPP, and TOU-PA-3 (Options D, E, 4-9PM, 5-8PM, A, B, RTP, SOP-1, SOP-2, CPP, Standby, and AP-I).

[10] Includes Schedules AL-2, AL-2-B, AL-2-F, DWL, LS-1, LS-2, LS-3, LS-3-B, and OL-1.

Attachment 2

Southern California Edison

Wholesale Transmission Rates*

Effective Date: January 1, 2020

Wholesale Rates:

	<u>Rate</u>	
High Voltage Existing Contracts Access Charge	\$4.86	per kW
Low Voltage Existing Contracts Access Charge	\$0.23	per kW
High Voltage Utility Specific Rate	\$0.0099000	per kWh
Low Voltage Access Charge	\$0.00032	per kWh
Low Voltage Wheeling Access Charge	\$0.00032	per kWh

*The above wholesale rates are based on the following:

Base Wholesale TRR:	\$957,694,229
Wholesale TRBAA:	-\$61,242,225
Standby Revenues	-\$6,763,961
Wholesale TRR	\$889,688,043
SCE's 12-CP Load (See Schedule 32 of Attachment 1):	177,229
SCE's Gross Load (See Schedule 32 of Attachment 1):	87,036,035

Attachment 3

Revisions to Formula Rate Inputs as Compared to the Draft Annual Update

Attachment 3

Revisions to Formula Rate Inputs as Compared to the Draft Annual Update

- (1) Schedule 1: Pursuant to the interim Settlement Rates established in the TO2018 docket,¹ SCE has incorporated changes to the Cost Adjustment on Schedule 1, and One Time Cost Adjustment on Schedule 3. A new Attachment 5 settlement version is provided. Also, a new Schedule 1 Cost Adjustment workpaper related to the TO2019 adjustment is provided.
- (2) Schedule 1: Pursuant to the interim Settlement Rates established in the TO2019A docket,² SCE has implemented a tariff change to reduce the ROE on Schedule 1 by 515 basis points.
- (3) Schedule 1: Amortization of Excess Deferred Tax Liability, line 60, revised consistent with the filed settlement in the TO2018 docket.
- (4) Schedule 3: One-Time Adjustment on line 12 revised to reflect elimination of two-year limit on error corrections pursuant to the interim Settlement Rates established in the TO2018 docket. Line 23 also revised to reflect a PBOPs related adjustment, as well as the formula transition adjustment.
- (5) Schedule 4: Instruction 1, lines a & b, as well as e & f revised to reflect prior year ROE consistent with interim Settlement Rates established in the TO2018 docket. The value on lines a & b is 10.42%, which is 11.20% less 0.78% Project Specific Adders since the TO2020 model separately calculates the incentive adders. Note that the True-Up for 2018 calculated under Schedule 4 is ultimately replaced by the True-Up for 2018 being calculated under Attachment 5 (see Schedule 3 line 23, col 4, and “WP Schedule 3 – One Time Adjust Transition”).
- (6) Schedule 5-ROR-3: There was a typographical error in Comment #1 that has been corrected. It should say: Series 2008B matured in March 2018”.
- (7) Schedule 9: Line 4 revised consistent with the filed settlement in the TO2018 docket.

¹ 168 FERC P 63,010. As of the date this document is filed, the Offer of Settlement submitted in Docket ER18-169 remains pending.

² 168 FERC P 63,006. As of the date this document is filed, the Offer Partial Settlement submitted in Docket 19-1553 remains pending.

- (8) WP for Schedule 9 Amortization of Excess Deferred Tax Liability added.
- (9) WP for Schedule 10 FERC CWIP Capital Expenditure Plan: Both Excel and PDF column C revised to read “TOTAL Jan 19-Dec 20”.
- (10) Schedule 28: The Franchise Fees and Uncollectibles Factors, lines 1 and 3 were revised to reflect SCE’s General Rate Case Decision, D.19-05-020. WP for Schedule 28 was also revised accordingly.
- (11) Schedule 29: SCE has incorporated into lines 2, 3, and 4 a change to the Wholesale Transmission Revenue Balancing Account Adjustment (“TRBAA”) inputs to be consistent with SCE’s TRBAA Update filed on October 31, 2019 in FERC Docket ER20-268.
- (12) WP for Schedule 34 Wildfire Reserve for 2017/2018 added.

ATTACHMENT 4

Workpapers

ATTACHMENT 4

Workpapers

Attachment 4 consists of the following workpapers:

WP Classification Change

WP Material Accounting Changes

WP Schedule 1 AFUDC Equity Adjustment

WP Schedule 1 Cost Adjustment

WP Schedule 3 One Time Adjustment Prior Period

WP Schedule 3 One Time Adjustment Transition

WP Schedule 6 Prior Year Corporate Overhead Expenses

WP Schedule 6&8

WP Schedule 6&10 Prior Year AFUDC Rate

WP Schedule 7 Plant Study

WP Schedule 9 EDIT and Amortization

WP Schedule 10 FERC CWIP Capital Expenditure Plan

WP Schedule 10 Forecast CWIP Capital Expenditures by PIN and Activity

WP Schedule 10 Recorded CWIP Expenditures

WP Schedule 10 Summary of ISO Capital Expenditure Forecast Incentive Projects

WP Schedule 10&16 Identification of ISO Projects Above \$5M

WP Schedule 10&16

WP Schedule 11 PHFFU

WP Schedule 13 Working Capital

WP Schedule 16 Summary of ISO Capital Expenditure – Non Incentive Projects

WP Schedule 19 FERC Account Summary & Adjustments

WP Schedule 19 O&M Cost Detail

WP Schedule 20 A&G

WP Schedule 22

WP Schedule 25

WP Schedule 27 ISO Allocators

WP Schedule 28 FFU

WP Schedule 32 Gross Load

WP Schedule 34 Wildfire Workpaper

CLASSIFICATION CHANGE WORKPAPERS

Forecast of facilities SCE projects will change classification between CPUC and CAISO jurisdictions through the Rate Year.

Rate Year: 2020

MATERIAL ACCOUNTING CHANGES WORKPAPERS

Material Accounting Changes Workpaper (TO2020)

Pursuant to protocol section 3(a)(10), SCE is required to include in the Draft Annual Update a description of any “Material Accounting Changes” included in the Draft Annual Update.

Material Accounting Changes are defined in the protocols as:

“Material Accounting Changes” shall mean any material change that affects SCE’s transmission rates as follows: (i) accounting policies and practices from those in effect for the Prior Year upon which the immediately preceding Annual Update was based, including those resulting from any new or revised accounting guidance from the Financial Accounting Standards Board; or (ii) internal corporate cost allocation policies or practices in effect for the Prior Year upon which the immediately preceding Annual Update was based; or (iii) income tax elections from those in effect for the Prior Year upon which the immediately preceding Annual Update was based; or (iv) cost allocation policies between EIX, SCE, and subsidiaries of either, from those in effect for the Prior Year upon which the immediately preceding Annual Update was based. Additionally, a Material Accounting Change shall also include any: (i) initial implementation of an accounting standard; or (ii) initial implementation of accounting practices for unusual or unconventional items where the Commission has not provided specific accounting direction.”

SCE has identified three Material Accounting Changes implemented post calendar year 2017 that impact the recorded 2018 year and meet the above criteria:

As approved by FERC in Docket AC19-20, SCE recorded a \$4.6 million cumulative effect adjustment to retained earnings as a result of its first quarter 2018 adoption of ASU 2016-01 – Financial Instruments. This reclassification impacted FERC Account 439 – Retained Earnings

On January 1, 2018, SCE implemented the new capitalization policy for net periodic pension costs, ASU 2017-07. FERC has allowed entities to capitalize all components of net periodic benefit costs or elect to capitalize only the service cost component. SCE adopted this FERC guidance effective January 1, 2018 and elected to limit the capitalization of net periodic benefit costs to the service cost component, which resulted in an increase in SCE’s 2018 rate base and a decrease in the 2018 transmission revenue requirement.

As disclosed in FERC Form 1, SCE recorded \$2.7 billion wildfire-related potential liabilities (\$4.7 billion charge net of \$2 billion of insurance recoveries) in FERC Account 925 Injuries and Damages.

SCHEDULE 1

AFUDC EQUITY ADJUSTMENT

FERC AFUDC-EQUITY BOOK DEPRECIATION - TO2020

2018 Electric Book Depreciation	
Total Book Depreciation - Adjusted PowerPlant Report 4047C	FERC AFDUC Equity Book Depreciation Calculation

General	254,369,006	268,954
Transmission	350,288,886	2,769,596
Intangibles	205,114,641	571,468
Generation	114,448,653	-
Distribution	934,922,813	-
	1,859,143,999	<u>3,610,018</u>

Book Depreciation - FERC Form 1	2018			
	Col (g) - Electric	Col (i) - Gas	Col (k) - Other	Total
Per FF1, pg 115, ln 6	1,645,968,668	264,497	1,062,424	1,647,295,589
Per FF1, pg 115, ln 8	213,175,331			213,175,331
Total FF1	<u>1,859,143,999</u>	<u>264,497</u>	<u>1,062,424</u>	<u>1,860,470,920</u>

SCHEDULE 1

COST ADJUSTMENT

WORKPAPERS

SOUTHERN CALIFORNIA EDISON COMPANY
Schedule 1 - Cost Adjustment

Year	FERC Prime Regulatory Acct De Cost Element Desc	Amount
2018	925 Injuries & Damages WF CLAIM / RECOVERY	\$2,669,000,000
	One-Time Discrete Cost Item:	\$2,669,000,000
	Transmission Wages and Salaries Allocation Factor:	5.9033%
	Cost Adjustment Amount:	-\$157,560,090

SCE is making this Cost Adjustment pursuant to Section 1 of the Formula Rate Protocols, Appendix IX, Attachment 1, as the amount of this Discrete Cost Item is greater than 3% of the Base TRR

This Cost Adjustment reduces the Base TRR as a result of wildfire related expenses recorded in 2018 that are not anticipated to reoccur in 2020.

Cost Adjustment pursuant to Section 5.3 of Offer of Settlement filed September 16, 2019 in ER18-169

Calculated as follows:	Amount:	-\$32,841,354	
Filed TO2019 Annual Update Base TRR		\$1,038,486,906	<u>Source</u> TO2019 Sch. 1, Line 86
Revised TO2019 per settlement		<u>\$1,000,432,035</u>	Settlement TO2019, Sch. 1, Line 86
	Difference:	\$38,054,871	
Portion of 2019 in effect		0.863	315/365, for Jan. 1 through Nov. 11
Cost Adjustment		\$32,841,354	= 0.863 * \$38,054,871
Total TO2020 Cost Adjustment		-\$190,401,444	<u>Source</u> Sum of two above

SCHEDULE 3

ONE TIME ADJUSTMENT PRIOR PERIOD

WORKPAPERS

		TO8/TO9/TO10/TO12/ TO13	TO2020
	TUTRR Change	One-Time Adj*	
Changes to 2012			
1. In preparing the TO2019 Draft Annual Update, SCE discovered that the ISO amounts related to Interconnection Facilities Charges were incorrect. SCE has incorporated this correction that changes the TO11 Schedule 21-Revenue Credits and the impact of this change is a decrease in the 2012 True Up TRR of \$8,629.	A	-\$8,629	-\$10,391
Total One-Time Adjustment for 2012 Reflected in December TO2020 Filing	A	-\$8,629	-\$10,391
Changes to 2013			
1. In preparing the TO2019 Draft Annual Update, SCE discovered that the ISO amounts related to Interconnection Facilities Chargers were incorrect. SCE has incorporated this correction that changes the TO11 Schedule 21-Revenue Credits and the impact of this change is a decrease in the 2013 True Up TRR of \$200,399.	B	-\$200,399	-\$233,629
Total One-Time Adjustment for 2013 Reflected in December TO2020 Filing	B	-\$200,399	-\$233,629
Changes to 2014			
1. In preparing the TO2019 Draft Annual Update, SCE discovered that the ISO amounts related to Interconnection Facilities Chargers were incorrect. SCE has incorporated this correction that changes the TO11 Schedule 21-Revenue Credits and the impact of this change is a decrease in the 2014 True Up TRR of \$29,939.	C	-\$29,939	-\$33,792
Total One-Time Adjustment for 2014 Reflected in December TO2020 Filing	C	-\$29,939	-\$33,792
Changes to 2016			
1. In preparing the TO2020 Draft Annual Update, SCE discovered that it had outside counsel expenses related to employment litigation or arbitration matters that were subsequently resolved by the Company which were not excluded. The amount of expenses were overstated by \$19,168, which should have been excluded in 2016. As such, SCE is including an additional TO12 A&G exclusion of \$19,168 to remove these additional expenses. SCE has incorporated this correction that changes the TO12 A&G exclusions and the impact of this change is a decrease in the 2016 True Up TRR of \$1,183.	D	-\$1,118	-\$1,183
Total One-Time Adjustment for 2016 Reflected in December TO2020 Filing	D	-\$1,118	-\$1,183

Changes to 2017

1. In preparing the TO2020 Draft Annual Update, SCE discovered that it had outside counsel expenses related to employment litigation or arbitration matters that were subsequently resolved by the Company which were not excluded. The amount of expenses were overstated by \$57,476, which should have been excluded in 2017. As such, SCE is including an additional TO13 A&G exclusion of \$57,476 to remove these additional expenses. SCE has incorporated this correction that changes the TO13 A&G exclusions and the impact of this change is a decrease in the 2017 True Up TRR of \$3,295.

E -\$3,295 -\$3,362

2. In preparing the TO2020 Draft Annual Update, SCE discovered that the November and December balances for Mesa were incorrect. SCE has incorporated this correction that changes the TO13 Schedule 10-CWIP and the impact of this change is a decrease in the 2016 True Up TRR of \$2,949.

F -\$2,949 -\$3,008

Total One-Time Adjustment for 2017 Reflected in December TO2020 Filing	G = E + F	-\$6,244	-\$6,370
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Total One-Time Adjustment for 2012 through 2017 Reflected in December TO2020 Annual Filing	H = A + B + C + D + G	-\$246,330	-\$285,365
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* The TO2020 One-Time Adjustment is equal to the TO8/TO9/TO10/TO11/TO2018 TUTRR Change, plus interest through December 31, 2017.

Schedule 3 - One-Time and Previous Period True Up Adjustment																						
One Time Adjustment for Revised 2012 True Up TRR					One Time Adjustment for Revised 2013 True Up TRR					One Time Adjustment for Revised 2014 True Up TRR					One Time Adjustment for Revised 2016 True Up TRR							
Month	Year	Monthly Interest	Monthly True Up	Cumulative Excess (-) or Shortfall (+) in Revenue w/o Interest for Current Month	Interest for Current Month	Cumulative Excess (-) or Shortfall (+) in Revenue with Interest	Monthly True Up	Cumulative Excess (-) or Shortfall (+) in Revenue w/o Interest for Current Month	Interest for Current Month	Cumulative Excess (-) or Shortfall (+) in Revenue with Interest	Monthly True Up	Cumulative Excess (-) or Shortfall (+) in Revenue w/o Interest for Current Month	Interest for Current Month	Cumulative Excess (-) or Shortfall (+) in Revenue with Interest	Monthly True Up	Cumulative Excess (-) or Shortfall (+) in Revenue w/o Interest for Current Month	Interest for Current Month	Cumulative Excess (-) or Shortfall (+) in Revenue with Interest				
		Rate	TRR Adjustment	\$-719	\$-1	-\$720	TRR Adjustment	\$0	\$0	\$0	TRR Adjustment	\$0	\$0	\$0	TRR Adjustment	\$0	\$0	\$0	TRR Adjustment	\$0	\$0	\$0
January	2012	0.27%	\$0	-\$719	\$-1	-\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
February	2012	0.27%	\$0	-\$719	\$-1	-\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
March	2012	0.27%	\$0	-\$719	\$-1	-\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
April	2012	0.27%	\$0	-\$719	\$-1	-\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
May	2012	0.27%	\$0	-\$719	\$-1	-\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
June	2012	0.27%	\$0	-\$719	\$-1	-\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
July	2012	0.27%	\$0	-\$719	\$-1	-\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
August	2012	0.27%	\$0	-\$719	\$-1	-\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
September	2012	0.27%	\$0	-\$719	\$-1	-\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
October	2012	0.27%	\$0	-\$719	\$-1	-\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
November	2012	0.27%	\$0	-\$719	\$-1	-\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
December	2012	0.27%	\$0	-\$719	\$-1	-\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
January	2013	0.27%	\$0	-\$8,770	\$-24	-\$8,794	\$-16,700	\$-23	-\$16,722	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
February	2013	0.27%	\$0	-\$8,794	\$-24	-\$8,818	\$-16,700	\$-68	-\$33,490	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
March	2013	0.27%	\$0	-\$8,818	\$-24	-\$8,842	\$-16,700	\$-190	-\$113	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
April	2013	0.27%	\$0	-\$8,842	\$-24	-\$8,865	\$-16,700	\$-6,003	-\$158	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
May	2013	0.27%	\$0	-\$8,865	\$-24	-\$8,889	\$-16,700	\$-8,861	-\$204	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
June	2013	0.27%	\$0	-\$8,889	\$-24	-\$8,913	\$-16,700	\$-100,765	-\$250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
July	2013	0.27%	\$0	-\$8,913	\$-24	-\$8,937	\$-16,700	\$-117,714	-\$295	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
August	2013	0.27%	\$0	-\$8,937	\$-24	-\$8,962	\$-16,700	\$-13,710	-\$341	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
September	2013	0.27%	\$0	-\$8,962	\$-24	-\$8,986	\$-16,700	\$-15,751	-\$387	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
October	2013	0.27%	\$0	-\$8,986	\$-24	-\$9,010	\$-16,700	\$-16,838	-\$433	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
November	2013	0.27%	\$0	-\$9,010	\$-24	-\$9,034	\$-16,700	\$-18,971	-\$480	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
December	2013	0.27%	\$0	-\$9,034	\$-24	-\$9,059	\$-16,700	\$-20,151	-\$526	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
January	2014	0.27%	\$0	-\$9,059	\$-24	-\$9,083	\$-16,700	\$-20,376	-\$550	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
February	2014	0.27%	\$0	-\$9,083	\$-25	-\$9,108	\$-16,700	\$-20,426	-\$551	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
March	2014	0.27%	\$0	-\$9,108	\$-25	-\$9,132	\$-16,700	\$-20,477	-\$552	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
April	2014	0.27%	\$0	-\$9,132	\$-25	-\$9,157	\$-16,700	\$-20,531	-\$554	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
May	2014	0.27%	\$0	-\$9,157	\$-25	-\$9,182	\$-16,700	\$-20,644	-\$556	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
June	2014	0.27%	\$0	-\$9,182	\$-25	-\$9,206	\$-16,700	\$-20,756	-\$557	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
July	2014	0.27%	\$0	-\$9,206	\$-25	-\$9,231	\$-16,700	\$-20,898	-\$559	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
August	2014	0.27%	\$0	-\$9,231	\$-25	-\$9,256	\$-16,700	\$-20,957	-\$560	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
September	2014	0.27%	\$0	-\$9,256	\$-25	-\$9,281	\$-16,700	\$-21,018	-\$562	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
October	2014	0.27%	\$0	-\$9,281	\$-25	-\$9,306	\$-16,700	\$-20,680	-\$563	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
November	2014	0.27%	\$0	-\$9,306	\$-25	-\$9,331	\$-16,700	\$-20,243	-\$564	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
December	2014	0.27%	\$0	-\$9,331	\$-25	-\$9,357	\$-16,700	\$-20,808	-\$566	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
January	2015	0.27%	\$0	-\$9,357	\$-25	-\$9,382	\$-16,700	\$-21,374	-\$568	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
February	2015	0.27%	\$0	-\$9,382	\$-25	-\$9,407	\$-16,700	\$-21,942	-\$570	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
March	2015	0.27%	\$0	-\$9,407	\$-25	-\$9,433	\$-16,700	\$-21,512	-\$571	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
April	2015	0.27%	\$0	-\$9,433	\$-25	-\$9,458	\$-16,700	\$-21,656	-\$573	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
May	2015	0.27%	\$0	-\$9,458	\$-26	-\$9,484	\$-16,700	\$-21,230	-\$574	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
June	2015	0.27%	\$0	-\$9,484	\$-26	-\$9,509	\$-16,700	\$-21,806	-\$576	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
July	2015	0.27%	\$0	-\$9,509	\$-26	-\$9,535	\$-16,700	\$-21,386	-\$577	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
August	2015	0.27%	\$0	-\$9,535	\$-26	-\$9,561	\$-16,700	\$-21,433	-\$579	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
September	2015	0.27%	\$0	-\$9,561	\$-26	-\$9,586	\$-16,700	\$-21,492	-\$580	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
October	2015	0.27%	\$0	-\$9,586	\$-26	-\$9,612	\$-16,700	\$-21,542	-\$582	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
November	2015	0.27%	\$0	-\$9,612	\$-26	-\$9,638	\$-16,700	\$-21,614	-\$584	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
December	2015	0.27%	\$0	-\$9,638	\$-26	-\$9,664	\$-16,700	\$-21,793	-\$587	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
January	2016	0.27%	\$0	-\$9,664	\$-26	-\$9,690	\$-16,700	\$-21,717	-\$588	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
February	2016	0.27%	\$0	-\$9,690	\$-26	-\$9,717	\$-16,700	\$-21,787	-\$588	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
March	2016	0.27%	\$0	-\$9,717	\$-26	-\$9,743	\$-16,700	\$-21,848	-\$589	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
April	2016	0.29%	\$0	-\$9,743	\$-26	-\$9,771	\$-16,700	\$-21,905	-\$590	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
May	2016	0.29%	\$0	-\$9,771	\$-26	-\$9,799	\$-16,700	\$-21,963	-\$593	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
June	2016	0.29%	\$0	-\$9,799	\$-26	-\$9,828	\$-16,700	\$-22,030	-\$593	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
July	2016	0.29%	\$0	-\$9,828	\$-26	-\$9,856	\$-16,700	\$-22,148	-\$594	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
August	2016	0.29%	\$0	-\$9,856	\$-26	-\$9,885	\$-16,700	\$-22,252	-\$595	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
September	2016	0.29%	\$0	-\$9,885	\$-26	-\$9,914	\$-16,700	\$-22,252	-\$595	\$0	\$0	\$0	\$0</									

One Time Adjustment for Revised 2012 True Up TRR		
Description	Amount	Source
Revised TO8 True Up TRR in TO2018 Filing	625,974,103	TO2018 Filing - WP Schedule 3 - One Time Adj True Up Adj, Page 7, Line 45.
Revised TO8 True Up TRR in TO2020 Annual Filing	625,965,474	TO2020 Filing - WP Schedule 3 - One Time Adj True Up Adj, Page 6, Line 45.
Variance*	(8,629)	

* Variance Includes Adjustment for:

- (1) 2012 ISO Facilities Charge Adjustment

Schedule 4
True Up TRR
(Revised 2012 True Up TRR)

TO2020 Annual Update
Attachment 4
WP-Schedule 3-One Time Adj Prior Period
Page 5 of 49

Calculation of True Up TRR

A) Rate Base for True Up TRR

<u>Line</u>	<u>Rate Base Item</u>	<u>Calculation Method</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>Amount</u>
1	ISO Transmission Plant	13-Month Avg.		6-PlantInService, Line 18	\$3,645,158,204
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$144,283,190
3	Transmission Plant Held for Future Use	BOY/EOY Avg.		11-PHFU, Line 9	\$9,942,155
4	Abandoned Plant	BOY/EOY Avg.		12-AbandonedPlant Line 4	\$5,514,000
<u>Working Capital Amounts</u>					
5	Materials and Supplies	13-Month Avg.		13-WorkCap, Line 17	\$11,844,543
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$1,848,993
7	Cash Working Capital	1/16 (O&M + A&G)		1-Base TRR Line 7	\$7,053,801
8	Working Capital			Line 5 + Line 6 + Line 7	\$20,747,337
<u>Accumulated Depreciation Reserve Amounts</u>					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,016,502,760
10	Distribution Depreciation Reserve - ISO	BOY/EOY Avg.	Negative amount	8-AccDep, Line 17, Col. 5	-\$1,125,318
11	G + I Depreciation Reserve	BOY/EOY Avg.	Negative amount	8-AccDep, Line 23	-\$52,505,334
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	-\$1,070,133,412
13	Accumulated Deferred Income Taxes	BOY/EOY Avg.		9-ADIT, Line 15	-\$553,211,217
14	CWIP Plant	13-Month Avg.		14-IncentivePlant, L 12, C2	\$1,414,332,165
15	Network Upgrade Credits	BOY/EOY Avg.	Negative amount	22-NUCs, Line 9	-\$15,595,540
15a	Unfunded Reserves			34-UnfundedReserves, Line 7	-\$8,110,360
16	Other Regulatory Assets/Liabilities	BOY/EOY Avg.		23-RegAssets, Line 15	\$0
17	Rate Base			L1+L2+L3+L4+L8+L12+ L13+L14+L15+L15a+L16	\$3,592,926,522

B) Return on Capital

<u>Line</u>	<u>Cost of Capital Rate</u>	<u>See Instruction 1</u>	<u>Instruction 1, Line j</u>	<u>7.4940%</u>
18	Return on Capital: Rate Base times Cost of Capital Rate		Line 17 * Line 18	\$269,253,082

C) Income Taxes

<u>20</u>	<u>Income Taxes = [((RB * ER) + D) * (CTR/(1 – CTR))] + CO/(1 – CTR)</u>	<u>\$126,334,545</u>
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Where:

21	RB = Rate Base	Instruction 1	Line 17	\$3,592,926,522
22	ER = Equity ROR inc. Com. and Pref. Stock		Instruction 1, Line k	5.0894%
23	CTR = Composite Tax Rate		1-Base TRR L 58	39.9360%
24	CO = Credits and Other		1-Base TRR L 62	\$2,086,200
25	D = Book Depreciation of AFUDC Equity Book Basis		1-Base TRR L 64	\$1,923,889

Schedule 4
 True Up TRR
 (Revised 2012 True Up TRR)

TO2020 Annual Update

Attachment 4

WP-Schedule 3-One Time Adj Prior Period

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D) True Up TRR Calculation

26	O&M Expense	1-Base TRR L 65	\$79,293,872
27	A&G Expense	1-Base TRR L 66	\$33,566,946
28	Network Upgrade Interest Expense	1-Base TRR L 67	\$617,891
29	Depreciation Expense	1-Base TRR L 68	\$104,154,116
30	Abandoned Plant Amortization Expense	1-Base TRR L 69	\$11,028,000
31	Other Taxes	1-Base TRR L 70	\$25,259,485
32	Revenue Credits	1-Base TRR L 71	-\$49,690,435
33	Return on Capital	Line 19	\$269,253,082
34	Income Taxes	Line 20	\$126,334,545
35	Gains and Losses on Transmission Plant Held for Future Use -- Land	1-Base TRR L 74	\$0
36	Amortization and Regulatory Debits/Credits	1-Base TRR L 75	\$0
37	Total without True Up Incentive Adder	Sum Line 26 to Line 36	\$599,817,501
38	True Up Incentive Adder	15-IncentiveAdder L 20	\$19,216,647
39	True Up TRR without Franchise Fees and Uncollectibles Expense included:	Line 37 + Line 38	\$619,034,149

E) Calculation of final True Up TRR with Franchise Fees and Uncollectibles Expenses

<u>Line</u>		<u>Reference:</u>	<u>Change In TO8 TUTRR</u>
40	True Up TRR wo FF: \$619,034,149	Line 39	\$625,965,474
41	Franchise Fee Factor: 0.914%	28-FFU, L 5	<u>\$625,974,103</u>
42	Franchise Fee Expense: \$5,659,705	Line 40 * Line 41	
43	Uncollectibles Expense Factor: 0.205%	28-FFU, L 5	
44	Uncollectibles Expense: \$1,271,620	Line 42 * Line 43	
45	True Up TRR: \$625,965,474	L 40 + L 42 + L 44	-\$8,629

Schedule 4
 True Up TRR
 (Revised 2012 True Up TRR)

TO2020 Annual Update
 Attachment 4
 WP-Schedule 3-One Time Adj Prior Period
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Instructions:

- 1) Use weighted average (by time) of the Return on Equity in effect during the Prior Year in determining the "Cost of Capital Rate" on Line 18 and the "Equity Rate of Return Including Preferred Stock" on Line 22 in the event that the ROE is revised during the Prior Year. In this event, the ROE used in Schedule 1 will differ from the ROE used in this Schedule 4, because the Schedule 1 ROE will be the most recent ROE, whereas the Schedule 4 Cost of Capital Rate and Equity Rate of Return including Com. + Pref. Stock will be based on the weighted-average ROE.

Calculation of weighted average Cost of Capital Rate in Prior Year:

If ROE does not change during year, then attribute all days to Line a "ROE at end of Prior Year" and none to "ROE at start of PY"

	<u>Percentage</u>	<u>Reference:</u>	<u>From</u>	<u>To</u>	<u>Days ROE In Effect</u>
a ROE at end of Prior Year	9.80%	1-Base TRR L 49	Jan 1, 2012	Dec 31, 2012	366
b ROE start of Prior Year	9.80%	See Line e below	NA	NA	0
c				Total days in year:	366
d Wtd. Avg. ROE in Prior Year				9.80% ((Line a ROE * Line a days) + (Line b ROE * Line b days)) / Total Days in Year	

Commission Decisions approving ROE:

Reference:

- e End of Prior Year
- f Beginning of Prior Year

Percentage Reference:

- | | |
|-------------------------------|----------------------------------|
| g Wtd. Cost of Long Term Debt | 2.4045% 1-Base TRR L 50 |
| h Wtd.Cost of Preferred Stock | 0.4729% 1-Base TRR L 51 |
| i Wtd.Cost of Common Stock | 4.6166% 1-Base TRR L 46 * Line d |
| j Cost of Capital Rate | 7.4940% Sum of Lines f to h |

Calculation of Equity Rate of Return Including Common and Preferred Stock:

Percentage Reference:

- | | |
|---|-----------------------------|
| k | 5.0894% Sum of Lines g to h |
|---|-----------------------------|

- 2) Beginning with the True Up Adjustment calculation for 2012 utilizing the True Up TRR for 2012, exclude from CWIP recovery the capital cost of facilities that were purchased for the portion of Tehachapi Segment 8 near the Chino Airport, but due to the April 25, 2011 Notice of Presumed Hazard issued to SCE by the FAA are not used in the construction of Tehachapi or in any other CWIP incentive project. Additionally, SCE will permanently exclude from Plant In Service, Rate Base, and transmission rates these capital costs if the facilities are not used in the construction of any SCE transmission project.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Other Ratemaking
1a	450	4191110	Late Payment Charge- Comm. & Ind.	6,261,805	Traditional OOR	6,261,805	0	6,261,805	0			0	0	1
1b	450	4191115	Residential Late Payment	10,849,095	Traditional OOR	10,849,095	0	10,849,095	0			0	0	1
1c	450	4191120	Non-Residential Late Payment	0	Traditional OOR	0	0	0	0			0	0	1
2	450 Total			17,110,900		17,110,900	0	17,110,900	0		0	0	0	
3	FF-1 Total for Acct 450 - Forfeited Discounts, p300.16b (Must Equal Line 2)			17,110,900										
4a	451	4182110	Recover Unauthorized Use/Non-Energy	204,897	Traditional OOR	204,897	0	204,897	0			0	0	1
4b	451	4182115	Miscellaneous Service Revenue - Ownership Cost	1,722,960	Traditional OOR	1,722,960	0	1,722,960	0			0	0	1
4c	451	4192110	Miscellaneous Service Revenues	4,348	Traditional OOR	4,348	0	4,348	0			0	0	1
4d	451	4192115	Returned Check Charges	1,623,286	Traditional OOR	1,623,286	0	1,623,286	0			0	0	1
4e	451	4192125	Service Reconnection Charges	4,861,926	Traditional OOR	4,861,926	0	4,861,926	0			0	0	1
4f	451	4192130	Service Establishment Charge	15,793,728	Traditional OOR	15,793,728	0	15,793,728	0			0	0	1
4g	451	4192140	Field Collection Charges	3,154,091	Traditional OOR	3,154,091	0	3,154,091	0			0	0	1
4h	451	4192510	Quickcheck Revenue	290,325	GRSM	0	0	0	290,325	P	288,261	2,064	0	2
4i	451	4192910	PUC Reimbursement Fee-Elect	237,105	Other Ratemaking	0	0	0	0			0	237,105	6
4j	451	4182120	Uneconomic Line Extension	(9,860)	Traditional OOR	(9,860)	0	(9,860)	0			0	0	1
4k	451	4192152	Opt Out CARE-Res-Ini	50,400	Other Ratemaking	0	0	0	0			0	50,400	1
4l	451	4192155	Opt Out CARE-Res-Mo	100,645	Other Ratemaking	0	0	0	0			0	100,645	1
4m	451	4192158	Opt Out NonCARE-Res-Ini	1,114,265	Other Ratemaking	0	0	0	0			0	1,114,265	1
4n	451	4192160	Opt Out NonCARE-Res-Mo	661,990	Other Ratemaking	0	0	0	0			0	661,990	1
5	451 Total			29,810,105		27,355,375	0	27,355,375	290,325		288,261	2,064	2,164,405	
6	FF-1 Total for Acct 451 - Misc. Service Revenues, p300.17b (Must Equal Line 5)			29,810,105										
7a	453	4183110	Sales of Water & Water Power - San Joaquin	0	Traditional OOR	0	0	0	0			0	0	3
7b	453	4183115	Sales of Water & Water Power - Headwater	0	Traditional OOR	0	0	0	0			0	0	3
7c	453	-	Miscellaneous Adjustments	17,695	Traditional OOR	17,695	0	17,695	0			0	0	3
8	453 Total			17,695		17,695	0	17,695	0		0	0	0	
9	FF-1 Total for Acct 453 - Sales of Water and Power, p300.18b (Must Equal Line 8)			17,695										
10a	454	4184110	Joint Pole - Tariffed Conduit Rental	511,080	Traditional OOR	511,080	0	511,080	0			0	0	4
10b	454	4184112	Joint Pole - Tariffed Pole Rental - Cable Cos.	2,663,425	Traditional OOR	2,663,425	0	2,663,425	0			0	0	4
10c	454	4184114	Joint Pole - Tariffed Process & Eng Fees - Cable	485,440	Traditional OOR	485,440	0	485,440	0			0	0	4
10d	454	4184116	Joint Pole - Tariffed Process & Eng Fees - Conduit	0	Traditional OOR	0	0	0	0			0	0	4
10e	454	4184118	Joint Pole - Pl Attachment Audit - Undoc P&E Fee	0	Traditional OOR	0	0	0	0			0	0	4
10f	454	4184120	Joint Pole - Aud - Unauth Penalty	0	Traditional OOR	0	0	0	0			0	0	4
10g	454	4184510	Joint Pole - Non-Tariffed Pole Rental	125,209	GRSM	0	0	0	125,209	P	25,123	100,086	0	2
10h	454	4184512	Joint Pole - Non-Tariff Process & Engineering Fees	240	GRSM	0	0	0	240	P	0	240	0	2
10i	454	4184514	Joint Pole - Non-Tariff Requests for Information	486	GRSM	0	0	0	486	P	36	450	0	2
10j	454	4184516	Oil And Gas Royalties	141,534	GRSM	0	0	0	141,534	P	47,183	94,351	0	2
10k	454	4184518	Def Operating Land & Facilities Rent Rev	(1,154,582)	Traditional OOR	(1,154,582)	0	(1,154,582)	0			0	0	4
10l	454	4184810	Facility Cost-EIX/Nonutility	2,466,053	Other Ratemaking	105,892	105,892	0	0			0	2,360,160	6,12
10m	454	4184815	Facility Cost- Utility	690	Traditional OOR	690	30	661	0			0	0	7
10n	454	4184820	Rent Billed to Non-Utility Affiliates	1,237,647	Other Ratemaking	53,145	53,145	0	0			0	1,184,503	6,12
10o	454	4184825	Rent Billed to Utility Affiliates	3,884	Traditional OOR	3,884	167	3,717	0			0	0	7
10p	454	4194110	Meter Leasing Revenue	0	Traditional OOR	0	0	0	0			0	0	1
10q	454	4194115	Company Financed Added Facilities	11,390,575	Traditional OOR	11,390,575	0	11,390,575	0			0	0	4
10r	454	4194120	Company Financed Interconnect Facilities	719,021	Traditional OOR	719,021	0	719,021	0			0	0	4
10s	454	4194130	SCE Financed Added Facility	25,061,713	Traditional OOR	25,061,713	0	25,061,713	0			0	0	4
10t	454	4194135	Interconnect Facility Finance Charge	14,004,037	Traditional OOR	14,004,037	2,075,492	11,928,545	0			0	0	8
10u	454	4204515	Operating Land & Facilities Rent Revenue	22,234,901	GRSM	0	0	0	22,234,901	P	2,894,101	19,340,799	0	2
10v	454	4867020	Nonoperating Misc Land & Facilities Rent	0	Traditional OOR	0	0	0	0			0	0	4
10w	454	-	Miscellaneous Adjustments	(21,657)	Traditional OOR	(21,657)	0	(21,657)	0			0	0	1
10x	454	4206515	Op Misc Land/Fac Rev	424,984	GRSM	0	0	0	424,984	P	91,160	333,824	0	2
10y	454	4184122	T-Unauth Pole Rent	610	Traditional OOR	610	0	610	0			0	0	4
10z	454	4184124	T-P&E Fees	18,320	Traditional OOR	18,320	0	18,320	0			0	0	4
11	454 Total			80,313,608		53,841,591	2,234,725	51,606,866	22,927,354		3,057,604	19,869,750	3,544,663	
12	FF-1 Total for Acct 454 - Rent from Elec. Property, p300.19b (Must Equal Line 11)			80,313,608										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	GRSM	Other Ratemaking		
12a	456	4186114	Energy Related Services	4,509,732	Traditional OOR	4,509,732	0	4,509,732	0		0	0	0	1
12b	456	4186118	Distribution Miscellaneous Electric Revenues	6,295,092	Traditional OOR	6,295,092	0	6,295,092	0		0	0	0	4
12c	456	4186120	Added Facilities - One Time Charge	884,026	Traditional OOR	884,026	0	884,026	0		0	0	0	4
12d	456	4186122	Building Rental - Nev Power/Mohave Cr	(6,073)	Traditional OOR	(6,073)	0	(6,073)	0		0	0	0	3
12e	456	4186126	Service Fee - Optimal Bill Prd	480	Traditional OOR	480	0	480	0		0	0	0	1
12f	456	4186128	Miscellaneous Revenues	599,543	Traditional OOR	599,543	0	599,543	0		0	0	0	1
12g	456	4186130	Tule Power Plant - Revenue	600	Traditional OOR	600	0	600	0		0	0	0	3
12h	456	4186142	Microwave Agreement	3,428	Traditional OOR	3,428	0	3,428	0		0	0	0	4
12i	456	4186150	Utility Subs Labor Markup	126	Traditional OOR	126	5	120	0		0	0	0	7
12j	456	4186155	Non Utility Subs Labor Markup	372,216	Other Ratemaking	15,983	15,983	0	0		0	356,234	0	6,12
12k	456	4186162	Reliant Eng FSA Ann Pymt-Mandalay	1,447	Traditional OOR	1,447	0	1,447	0		0	0	0	4
12l	456	4186164	Reliant Eng FSA Ann Pymt-Ormond Beach	14,522	Traditional OOR	14,522	0	14,522	0		0	0	0	4
12m	456	4186166	Reliant Eng FSA Ann Pymt-Etiwanda	4,388	Traditional OOR	4,388	0	4,388	0		0	0	0	4
12n	456	4186168	Reliant Eng FSA Ann Pymt-Etiwood	993	Traditional OOR	993	0	993	0		0	0	0	4
12o	456	4186170	Reliant Eng FSA Ann Pymt-Coolwater	845	Traditional OOR	845	0	845	0		0	0	0	4
12p	456	4186194	Property License Fee revenue	208,656	Traditional OOR	208,656	0	208,656	0		0	0	0	4
12q	456	4186512	Revenue From Recreation, Fish & Wildlife	1,462,928	GRSM	0	0	0	1,462,928	P	256,201	1,206,727	0	2
12r	456	4186514	Mapping Services	109,453	GRSM	0	0	0	109,453	P	20,081	89,373	0	2
12s	456	4186518	Enhanced Pump Test Revenue	75,715	GRSM	0	0	0	75,715	P	9,928	65,787	0	2
12t	456	4186520	RTTC Revenue	0	GRSM	0	0	0	0	P	0	0	0	2
12u	456	4186524	Revenue From Scrap Paper - General Office	12,942	GRSM	0	0	0	12,942	P	2,438	10,504	0	2
12v	456	4186528	CTAC Revenues	225	GRSM	0	0	0	225	P	0	225	0	2
12w	456	4186530	AGTAC Revenues	6,085	GRSM	0	0	0	6,085	P	2,725	3,360	0	2
12x	456	4186536	Other Inc/rd Party DC-ESM	0	GRSM	0	0	0	0	P	0	0	0	2
12y	456	4186538	3rd Party-Div Tmg-Cr PPD training	0	GRSM	0	0	0	0	P	0	0	0	2
12z	456	4186716	ADT Vendor Service Revenue	0	GRSM	0	0	0	0	A	0	0	0	2
12aa	456	4186718	Read Water Meters - Irvine Ranch	0	GRSM	0	0	0	0	A	0	0	0	2
12bb	456	4186720	Read Water Meters - Rancho California	0	GRSM	0	0	0	0	A	0	0	0	2
12cc	456	4186722	Read Water Meters - Long Beach	0	GRSM	0	0	0	0	A	0	0	0	2
12dd	456	4186730	SSID Transformer Repair Services Revenue	16,095	GRSM	0	0	0	16,095	A	1,344	14,751	0	2
12ee	456	4186815	Employee Transfer/Affiliate Fee	0	Other Ratemaking	0	0	0	0		0	0	0	6
12ff	456	4186910	ITCC/CIA/C Revenues	6,639,365	Traditional OOR	6,639,365	0	6,639,365	0		0	0	0	4
12gg	456	4186912	Revenue From Decommission Trust Fund	151,892,343	Other Ratemaking	0	0	0	0		0	151,892,343	0	6
12hh	456	4186914	Revenue From Decommissioning Trust FAS115	(35,638,216)	Other Ratemaking	0	0	0	0		0	(35,638,216)	0	6
12ii	456	4186916	Offset to Revenue from NDT Earnings/Realized	(152,070,208)	Other Ratemaking	0	0	0	0		0	(152,070,208)	0	6
12jj	456	4186918	Offset to Revenue from FAS 115 FMV	35,638,216	Other Ratemaking	0	0	0	0		0	35,638,216	0	6
12kk	456	4186920	Revenue From Decommissioning Trust FAS115-1	40,366,101	Other Ratemaking	0	0	0	0		0	40,366,101	0	6
12ll	456	4186922	Offset to Revenue from FAS 115-1 Gains & Loss	(40,366,101)	Other Ratemaking	0	0	0	0		0	(40,366,101)	0	6
12mm	456	4188712	Power Supply Installations - IMS	0	GRSM	0	0	0	0	A	0	0	0	2
12nn	456	4188714	Consulting Fees - IMS	0	GRSM	0	0	0	0	A	0	0	0	2
12oo	456	4188818	FTR Auction Revenue	0	Other Ratemaking	0	0	0	0		0	0	0	6
12pp	456	4196105	DA Revenue	483,897	Traditional OOR	483,897	0	483,897	0		0	0	0	1
12qq	456	4196154	Direct Access Monthly Customer Charges	0	Traditional OOR	0	0	0	0		0	0	0	1
12rr	456	4196158	EDBL Customer Finance Added Facilities	2,400,744	Traditional OOR	2,400,744	0	2,400,744	0		0	0	0	4
12ss	456	4196162	SCE Energy Manager Fee Based Services	518,163	Traditional OOR	518,163	0	518,163	0		0	0	0	4
12tt	456	4196166	SCE Energy Manager Fee Based Services Adj	(280)	Traditional OOR	(280)	0	(280)	0		0	0	0	4
12uu	456	4196172	Off Grid Photo Voltaic Revenues	0	Traditional OOR	0	0	0	0		0	0	0	1
12vv	456	4196174	Scheduling/Dispatch Revenues	2,379	Traditional OOR	2,379	0	2,379	0		0	0	0	4
12ww	456	4196176	Interconnect Facilities Charges-Customer Financed	2,154,225	Traditional OOR	2,154,225	77,265	2,076,959	0		0	0	0	8
12xx	456	4196178	Interconnect Facilities Charges - SCE Financed	3,574,028	Traditional OOR	3,574,028	1	0	3,574,028	0		0	0	4
12yy	456	4196184	DMS Service Fees	1,938	Traditional OOR	1,938	0	1,938	0		0	0	0	4
12zz	456	4196188	CCA - Information Fees	4,057	Traditional OOR	4,057	0	4,057	0		0	0	0	6
12aaa	456	4206515	Operating Miscellaneous Land & Facilities	0	GRSM	0	0	0	0	P	0	0	0	2
12bbb	456	-	Miscellaneous Adjustments	(908)	Traditional OOR	(908)	0	(908)	0		0	0	0	1
12ccc	456	4186911	Grant Amortization	1,555,197	Other Ratemaking	0	0	0	0		0	1,555,197	0	6
12ddd	456	4186925	GHG Allowance Revenue	109,658,120	Other Ratemaking	0	0	0	0		0	109,658,120	0	6
13	456	Total		141,386,523		28,311,395	93,254	28,218,142	1,683,443		292,716	1,390,726	111,391,685	
14		FF-1 Total for Acct 456 - Other electric Revenues, p300.21b		141,386,523										
		(Must Equal Line 13)												

Changed from \$25,838 to
 \$77,265 due to inadvertent
 error.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Notes
15a	456.1	4188112	Trans of Elec of Others - Pasadena	0	Traditional OOR	0	0	0	0			0	0	5
15b	456.1	4188114	FTS PPU/Non-ISO	299,738	Traditional OOR	299,738	0	299,738	0			0	0	4
15c	456.1	4188116	FTS Non-PPU/Non-ISO	992,563	Traditional OOR	992,563	0	992,563	0			0	0	4
15d	456.1	4188812	ISO-Wheeling Revenue - Low Voltage	245,120	Other Ratemaking	0	0	0	0			0	245,120	6
15e	456.1	4188814	ISO-Wheeling Revenue - High Voltage	35,922,110	Other Ratemaking	0	0	0	0			0	35,922,110	6
15f	456.1	4188816	ISO-Congestion Revenue	0	Other Ratemaking	0	0	0	0			0	0	6
15g	456.1	4198110	Transmission of Elec of Others	37,724,740	Traditional OOR	37,724,740	37,724,740	0	0			0	0	5
15h	456.1	4198112	WDAT	5,027,852	Traditional OOR	5,027,852	0	5,027,852	0			0	0	4
15i	456.1	4198114	Radial Line Rev-Base Cost - Reliant Coolwater	394,622	Traditional OOR	394,622	0	394,622	0			0	0	4
15j	456.1	4198115	High Voltage Trans Access Rev (Existing Contracts)	0	Other Ratemaking	0	0	0	0			0	0	6
15k	456.1	4198116	Radial Line Rev-Base Cost - Reliant Ormond Beach	1,081,986	Traditional OOR	1,081,986	0	1,081,986	0			0	0	4
15l	456.1	4198118	Radial Line Rev-O&M - AES Huntington Beach	402,148	Traditional OOR	402,148	0	402,148	0			0	0	4
15m	456.1	4198120	Radial Line Rev-O&M - Reliant Mandalay	206,111	Traditional OOR	206,111	0	206,111	0			0	0	4
15n	456.1	4198122	Radial Line Rev-O&M - Reliant Coolwater	551,002	Traditional OOR	551,002	0	551,002	0			0	0	4
15o	456.1	4198124	Radial Line Rev-O&M - Ormond Beach	650,488	Traditional OOR	650,488	0	650,488	0			0	0	4
15p	456.1	4198126	High Desert Tie-Line Rental Rev	264,133	Traditional OOR	264,133	0	264,133	0			0	0	4
15q	456.1	4198128	Scheduling/Dispatch Revenues (CSS)	0	Traditional OOR	0	0	0	0			0	0	4
15r	456.1	4198130	Inland Empire CRT Tie-Line EX	42,492	Traditional OOR	42,492	0	42,492	0			0	0	4
15s	456.1	4198910	Reliability Service Revenue - Non-PTO's	64,820	Other Ratemaking	0	0	0	0			0	64,820	6
16	456.1 Total			83,869,925		47,637,875	37,724,740	9,913,135	0		0	0	36,232,050	
17	FF-1 Total for Account 456.1 - Revenues from Trans. Of Electricity of Others, p300.22b (Must Equal Line 16)			83,869,925										
18a														
19	457.1 Total			0		0	0	0	0		0	0	0	
20	FF-1 Total for Account 457.1 - Regional Control Service Revenues, p300.23b (Must Equal Line 19)			0										
21a														
22	457.2 Total			0		0	0	0	0		0	0	0	
23	FF-1 Total for Account 457.2- Miscellaneous Revenues, p300.24b (Must Equal Line 22)			0										
Edison Carrier Solutions (ECS)														
24a	417	4863135	ECS - Pass Pole Attachments	0	GRSM	0	0	0	0	P	0	0	0	2
24b	417	4863130	ECS - Distribution Facilities	723,785	GRSM	0	0	0	723,785	P	144,487	579,298	0	2
24c	417	4862110	ECS - Dark Fiber	5,942,547	GRSM	0	0	0	5,942,547	A	1,181,067	4,761,481	0	2
24d	417	4862115	ECS - SCE Net Fiber	3,328,070	GRSM	0	0	0	3,328,070	A	664,284	2,663,786	0	2
24e	417	4862120	ECS - Transmission Right of Way	202,615	GRSM	0	0	0	202,615	A	52,045	150,569	0	2
24f	417	4862135	ECS - Wholesale FCC	26,678,811	GRSM	0	0	0	26,678,811	A	5,242,136	21,436,675	0	2
24g	417	4864110	ECS - Infrastructure Leasing	0	GRSM	0	0	0	0	A	0	0	0	2
24h	417	4864115	ECS - EU FCC Rev	477,485	GRSM	0	0	0	477,485	A	70,312	407,173	0	2
24i	417	4862125	ECS - Cell Site Rent and Use (Active)	12,879,473	GRSM	0	0	0	12,879,473	A	2,560,286	10,319,186	0	2
24j	417	4862130	ECS - Cell Site Reimbursable (Active)	1,850,036	GRSM	0	0	0	1,850,036	A	315,657	1,534,379	0	2
24k	417	4863120	ECS - Communication Sites	376,315	GRSM	0	0	0	376,315	P	67,907	308,408	0	2
24l	417	4863110	ECS - Cell Site Rent and Use (Passive)	2,823,128	GRSM	0	0	0	2,823,128	P	562,711	2,260,416	0	2
24m	417	4863115	ECS - Cell Site Reimbursable (Passive)	260,833	GRSM	0	0	0	260,833	P	133,302	127,531	0	2
24n	417	4863125	ECS - Micro Cell	818,765	GRSM	0	0	0	818,765	P	185,902	632,862	0	2
24o	417	4864120	ECS - End User Universal Service Fund Fee	21,838	GRSM	0	0	0	21,838	A	4,479	17,359	0	2
25	417 ECS Total			56,383,700		0	0	0	56,383,700		11,184,576	45,199,124	0	
26	417 Other			6,245,260										
27	FF-1 Total for Account 417 - Revenues From Nonutility Operations p117.33c (Must Equal Line 25 + 26)			62,628,959										

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	GRSM	Other Ratemaking		
Subsidiaries														
28a	418.1	ESI (Gross Revenues - Active)	12,349,614	GRSM	0	0	0	12,349,614	A	1,848,233	10,501,381	0	2,9	
28b	418.1	ESI (Gross Revenues - Passive)	253,421	GRSM	0	0	0	253,421	P	0	253,421	0	2,9	
28c	418.1	Southern States Realty	0	GRSM	0	0	0	0	P	0	0	0	2,15	
28d	418.1	Mono Power Company	(1,067)	Traditional OOR	(1,067)	0	(1,067)	0		0	0	0	13	
28e	418.1	SCE Capital Company	(1,100)	Traditional OOR	(1,100)	0	(1,100)	0		0	0	0	14	
28f	418.1	Edison Material Supply (EMS)	1,073,689	Traditional OOR	1,073,689	46,104	1,027,585	0		0	0	0	7,17	
29	418.1 Subsidiaries Total		13,674,557		1,071,522	46,104	1,025,418	12,603,035		1,848,233	10,754,802	0		
30	418.1 Other (See Note 16)		(13,273,374)											
31	FF-1 Total for Account 418.1 -Equity in Earnings of Subsidiary Companies, p117.36c (Must Equal Line 29 + 30)		401,183											
32	Totals		422,567,012		175,346,354	40,098,823	135,247,531	93,887,856		16,671,389	77,216,467	153,332,803		

			Calculation
33		Ratepayers' Share of Threshold Revenue	16,671,389
34		ISO Ratepayers' Share of Threshold Revenue	5,425,127
35			
36		Total Active Incremental Revenue	51,806,741
37		Ratepayers' Share of Active Incremental Revenue	5,180,674
38		Total Passive Incremental Revenue	25,409,726
39		Ratepayers' Share of Passive Incremental Revenue	7,622,918
40		Total Ratepayers' Share of Incremental Revenue	12,803,592
41		ISO Ratepayers' Share of Incremental Revenue (%)	32.54%
42		ISO Ratepayers' Share of Incremental Revenue	4,166,486
43		Tot. ISO Ratepayers' Share NTP&S Gross Rev.	9,591,612

Amount	Calculation
\$49,690,435	Sum of Column D, Line 43 and Column G, Line 32

Notes:

- 1- CPUC Jurisdictional service related.
- 2- Subject to sharing per the Gross Revenue Sharing Mechanism (GRSM), adopted in CPUC D.99-09-070. On an annual basis, once SCE obtains \$16,671,389.55 (Threshold Revenue) in NTP&S Revenues, any additional revenues (Incremental Gross Revenues) that SCE receives are shared between shareholders and ratepayers. For GRSM categories deemed Active, the Incremental Gross Revenues are shared 90/10 between shareholders and ratepayers. For those categories deemed Passive, the Incremental Gross Revenues are shared 70/30 between shareholders and ratepayers.
- 3- Generation related.
- 4- Non-ISO facilities related.
- 5- ISO transmission system related.
- 6- Subject to balancing account treatment
- 7- Allocated based on CPUC GRC allocator in effect during the Prior Year. The weighted average (by time) shall be used if more than one allocator is in effect during the Prior Year.
ISO Allocator = 0.04294 Source: CPUC D. 12-11-051
- 8- ISO portion of Traditional OOR relates to monthly revenues received from customers for facilities that are part of the ISO network.
- 9- Edison ESI is a subsidiary company. Gross revenues are not reported in FF-1, only net earnings. Net Earnings for ESI are reported on Acct 418.1, pg 225.5e.
- 10- The first \$16,671,389 million in gross revenues generated by GRSM activities are automatically classified as Threshold Revenue.
- 11- Allocator is equal to the jurisdictional split of the Threshold Revenue, which is jurisdictionalized as \$5.425M to FERC ratepayers and \$11.246M to CPUC ratepayers per the 2009 CPUC General Rate Case (D. 09-03-025). The ISO ratepayers' share of ratepayer revenue is \$5.425M/\$16.671M = 32.54%.
- 12- Allocated based on the CPUC Base Revenue Requirement Balancing Account (BRBA) allocator in effect during the Prior Year. The weighted average (by time) shall be used if more than one allocator is in effect during the Prior Year. ISO portion of revenue is treated as traditional OOR.
ISO Allocator = 0.04294 Source: CPUC D. 12-11-051
- 13- Mono Power Company is a subsidiary company. Net Earnings are reported on Acct 418.1, pg 225.11e. Revenues and costs shall be non-ISO.
- 14- SCE Capital Company is a subsidiary company. Net Earnings are reported on Acct 418.1, pg 225.23e. Revenues and costs shall be non-ISO.
- 15- Southern States Realty is a subsidiary company. Gross revenues are not reported in FF-1, only net earnings. Net Earnings for Southern States Realty are reported on Acct 418.1, pg 225.17e.
- 16- For subsidiaries that are subject to GRSM, Column D contains gross revenues. Input on Line 30D contains the associated expenses.
- 17- Per GRC Decision D.87-12-066, for ratemaking purposes EMS financials are consolidated with SCE's. See FERC Form 1 page 123.3 under "Equity Investment Differences". Consequently, net income of EMS is not reported separately in FERC Form 1 and is not a part of FERC Account 418.1 totals. To ensure that ratepayers receive the net income from this subsidiary SCE includes EMS net income in the formula on line 28f. This amount is reversed as part of line 30 to remain consistent with the totals reported in FERC Form 1.

One Time Adjustment for Revised 2013 True Up TRR		
Description	Amount	Source
Revised TO9 True Up TRR in TO2018 Filing	780,869,271	TO2018 Filing - WP Schedule 3 - One Time Adj True Up Adj, Page 28, Line 45.
Revised TO9 True Up TRR in TO2019 Draft Posting	780,668,872	TO2020 Annual Update - WP Schedule 3 - One Time Adj True Up Adj, Page 14, Line 45.
Variance*	(200,399)	

* Variance Includes Adjustment for:
(1) 2013 ISO Facilities Charge Adjustment

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Calculation of True Up TRR

A) Rate Base for True Up TRR

<u>Line</u>	<u>Rate Base Item</u>	<u>Calculation Method</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>Amount</u>
1	ISO Transmission Plant	13-Month Avg.		6-PlantInService, Line 18	\$4,903,133,419
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$179,789,557
3	Transmission Plant Held for Future Use	BOY/EOY Avg.		11-PHFU, Line 9	\$9,942,155
4	Abandoned Plant	BOY/EOY Avg.		12-AbandonedPlant Line 4	\$0
<u>Working Capital Amounts</u>					
5	Materials and Supplies	13-Month Avg.		13-WorkCap, Line 17	\$12,191,150
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$2,643,432
7	Cash Working Capital	1/16 (O&M + A&G)		1-Base TRR Line 7	\$7,140,725
8	Working Capital			Line 5 + Line 6 + Line 7	\$21,975,308
<u>Accumulated Depreciation Reserve Amounts</u>					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,071,602,325
10	Distribution Depreciation Reserve - ISO	BOY/EOY Avg.	Negative amount	8-AccDep, Line 17, Col. 5	-\$581,110
11	G + I Depreciation Reserve	BOY/EOY Avg.	Negative amount	8-AccDep, Line 23	-\$68,668,722
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	-\$1,140,852,156
13	Accumulated Deferred Income Taxes	BOY/EOY Avg.		9-ADIT, Line 15	-\$820,190,103
14	CWIP Plant	13-Month Avg.		14-IncentivePlant, L 12, C2	\$1,340,118,516
15	Network Upgrade Credits	BOY/EOY Avg.	Negative amount	22-NUCs, Line 9	-\$26,630,219
15a	Unfunded Reserves			34-UnfundedReserves, Line 7	-\$6,576,678
16	Other Regulatory Assets/Liabilities	BOY/EOY Avg.		23-RegAssets, Line 15	\$0
17	Rate Base			L1+L2+L3+L4+L8+L12+ L13+L14+L15+L15a+L16	\$4,460,709,799

B) Return on Capital

<u>Line</u>	<u>Cost of Capital Rate</u>	<u>See Instruction 1</u>	<u>Instruction 1, Line j</u>	<u>7.4546%</u>
18	Return on Capital: Rate Base times Cost of Capital Rate		Line 17 * Line 18	\$332,527,509

C) Income Taxes

20	Income Taxes = $[(RB * ER) + D] * 0$	16475769.59 837749.9749 -6451726		\$160,823,378
21	Where:	8601353.98		
22	RB = Rate	0		
23	ER = Equ	211377.76	Instruction 1	Line 17 Instruction 1, Line k 1-Base TRR L 58 5.1528%
24	CTR = Co	35875127.37		40.4394%
25	CO = Cre NA			1-Base TRR L 62 \$2,086,200
	D = Book	31135217.5		1-Base TRR L 64 \$1,857,488
		0		

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 True Up TRR
 (Revised 2013 True Up TRR)

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D) True Up TRR Calculation	223160.1321		
26 O&M Expense	19998510.35	1-Base TRR L 65	\$75,425,836
27 A&G Expense	78140.61	1-Base TRR L 66	\$38,825,772
27a PBOPs True Up TRR Adjustment	1635670	35-PBOPs L 14	\$2,544,049
28 Network Upgrade Interest Expense		1-Base TRR L 67	\$1,897,885
29 Depreciation Expense		1-Base TRR L 68	\$140,391,328
30 Abandoned Plant Amortization Expense		1-Base TRR L 69	\$0
31 Other Taxes		1-Base TRR L 70	\$39,818,332
32 Revenue Credits		1-Base TRR L 71	-\$46,024,247
33 Return on Capital		Line 19	\$332,527,509
34 Income Taxes		Line 20	\$160,823,378
35 Gains and Losses on Transmission Plant Held for Future Use -- Land		1-Base TRR L 74	\$0
36 Amortization and Regulatory Debits/Credits		1-Base TRR L 75	\$0
37 Total without True Up Incentive Adder		Sum Line 26 to Line 36	\$746,229,841
38 True Up Incentive Adder		15-IncentiveAdder L 20	\$25,794,673
39 True Up TRR without Franchise Fees and Uncollectibles Expense included:		Line 37 + Line 38	\$772,024,513

E) Calculation of final True Up TRR with Franchise Fees and Uncollectibles Expenses

<u>Line</u>		<u>Reference:</u>	<u>Change In TO9 TUTRR</u>
40	True Up TRR wo FF: \$772,024,513	Line 39	\$780,668,872
41	Franchise Fee Factor: 0.914%	28-FFU, L 5	<u>\$780,869,271</u>
42	Franchise Fee Expense: \$7,058,466	Line 40 * Line 41	
43	Uncollectibles Expense Factor: 0.205%	28-FFU, L 5	
44	Uncollectibles Expense: \$1,585,893	Line 42 * Line 43	
45	True Up TRR: \$780,668,872	L 40 + L 42 + L 44	-\$200,399

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Instructions:

- 1) Use weighted average (by time) of the Return on Equity in effect during the Prior Year in determining the "Cost of Capital Rate" on Line 18 and the "Equity Rate of Return Including Preferred Stock" on Line 22 in the event that the ROE is revised during the Prior Year. In this event, the ROE used in Schedule 1 will differ from the ROE used in this Schedule 4, because the Schedule 1 ROE will be the most recent ROE, whereas the Schedule 4 Cost of Capital Rate and Equity Rate of Return including Com. + Pref. Stock will be based on the weighted-average ROE.

Calculation of weighted average Cost of Capital Rate in Prior Year:

If ROE does not change during year, then attribute all days to Line a "ROE at end of Prior Year" and none to "ROE at start of PY"

	<u>Percentage</u>	<u>Reference:</u>	<u>From</u>	<u>To</u>	<u>Days ROE In Effect</u>
a ROE at end of Prior Year	9.80%	1-Base TRR L 49	Jan 1, 2013	Dec 31, 2013	365
b ROE start of Prior Year	9.80%	See Line e below	NA	NA	0
c				Total days in year:	365
d Wtd. Avg. ROE in Prior Year				9.80% ((Line a ROE * Line a days) + (Line b ROE * Line b days)) / Total Days in Year	

Commission Decisions approving ROE:

Reference:

- e End of Prior Year
- f Beginning of Prior Year

Percentage Reference:

- | | |
|-------------------------------|----------------------------------|
| g Wtd. Cost of Long Term Debt | 2.3018% 1-Base TRR L 50 |
| h Wtd.Cost of Preferred Stock | 0.4796% 1-Base TRR L 51 |
| i Wtd.Cost of Common Stock | 4.6732% 1-Base TRR L 46 * Line d |
| j Cost of Capital Rate | 7.4546% Sum of Lines f to h |

Calculation of Equity Rate of Return Including Common and Preferred Stock:

Percentage Reference:

- k 5.1528% Sum of Lines g to h

- 2) Beginning with the True Up Adjustment calculation for 2012 utilizing the True Up TRR for 2012, exclude from CWIP recovery the capital cost of facilities that were purchased for the portion of Tehachapi Segment 8 near the Chino Airport, but due to the April 25, 2011 Notice of Presumed Hazard issued to SCE by the FAA are not used in the construction of Tehachapi or in any other CWIP incentive project. Additionally, SCE will permanently exclude from Plant In Service, Rate Base, and transmission rates these capital costs if the facilities are not used in the construction of any SCE transmission project.

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Other Ratemaking
1a	450	4191110	Late Payment Charge- Comm. & Ind.	6,229,941	Traditional OOR	6,229,941	0	6,229,941	0			0	0	1
1b	450	4191115	Residential Late Payment	9,890,854	Traditional OOR	9,890,854	0	9,890,854	0			0	0	1
1c	450	4191120	Non-Residential Late Payment	0	Traditional OOR	0	0	0	0			0	0	1
2	450 Total			16,120,795		16,120,795	0	16,120,795	0		0	0	0	
3	FF-1 Total for Acct 450 - Forfeited Discounts, p300.16b (Must Equal Line 2)			16,120,795										
4a	451	4182110	Recover Unauthorized Use/Non-Energy	156,931	Traditional OOR	156,931	0	156,931	0			0	0	1
4b	451	4182115	Miscellaneous Service Revenue - Ownership Cost	669,825	Traditional OOR	669,825	0	669,825	0			0	0	1
4c	451	4192110	Miscellaneous Service Revenues	897	Traditional OOR	897	0	897	0			0	0	1
4d	451	4192115	Returned Check Charges	1,574,894	Traditional OOR	1,574,894	0	1,574,894	0			0	0	1
4e	451	4192125	Service Reconnection Charges	1,867	Traditional OOR	1,867	0	1,867	0			0	0	1
4f	451	4192130	Service Establishment Charge	476	Traditional OOR	476	0	476	0			0	0	1
4g	451	4192140	Field Collection Charges	4,888	Traditional OOR	4,888	0	4,888	0			0	0	1
4h	451	4192510	Quickcheck Revenue	47	GRSM	0	0	0	47	P	19	28	0	2
4i	451	4192910	PUC Reimbursement Fee-Elect	234,641	Other Ratemaking	0	0	0	0			0	234,641	6
4j	451	4182120	Uneconomic Line Extension	(7,694)	Traditional OOR	(7,694)	0	(7,694)	0			0	0	1
4k	451	4192152	Opt Out CARE-Res-Ini	15,220	Other Ratemaking	0	0	0	0			0	15,220	1
4l	451	4192155	Opt Out CARE-Res-Mo	315,860	Other Ratemaking	0	0	0	0			0	315,860	1
4m	451	4192158	Opt Out NonCARE-Res-Ini	313,500	Other Ratemaking	0	0	0	0			0	313,500	1
4n	451	4192160	Opt Out NonCARE-Res-Mo	1,915,525	Other Ratemaking	0	0	0	0			0	1,915,525	1
4o	451	4192135	Conn-Charge - Residential	7,322,398	Traditional OOR	7,322,398	0	7,322,398	0			0	0	1
4p	451	4192145	Conn-Charge - Non-Residential	3,515,420	Traditional OOR	3,515,420	0	3,515,420	0			0	0	1
4q	451	4192150	Conn-Charge - At Pole	15,059	Traditional OOR	15,059	0	15,059	0			0	0	1
5	451 Total			16,049,755		13,254,962	0	13,254,962	47		19	28	2,794,746	
6	FF-1 Total for Acct 451 - Misc. Service Revenues, p300.17b (Must Equal Line 5)			16,049,755										
7a	453	4183110	Sales of Water & Water Power - San Joaquin	147,000	Traditional OOR	147,000	0	147,000	0			0	0	3
7b	453	4183115	Sales of Water & Water Power - Headwater	0	Traditional OOR	0	0	0	0			0	0	3
7c	453	-	Miscellaneous Adjustments	0	Traditional OOR	0	0	0	0			0	0	3
8	453 Total			147,000		147,000	0	147,000	0		0	0	0	
9	FF-1 Total for Acct 453 - Sales of Water and Power, p300.18b (Must Equal Line 8)			147,000										
10a	454	4184110	Joint Pole - Tariffed Conduit Rental	475,984	Traditional OOR	475,984	0	475,984	0			0	0	4
10b	454	4184112	Joint Pole - Tariffed Pole Rental - Cable Cos.	2,877,823	Traditional OOR	2,877,823	0	2,877,823	0			0	0	4
10c	454	4184114	Joint Pole - Tariffed Process & Eng Fees - Cable	623,280	Traditional OOR	623,280	0	623,280	0			0	0	4
10d	454	4184116	Joint Pole - Tariffed Process & Eng Fees - Conduit	0	Traditional OOR	0	0	0	0			0	0	4
10e	454	4184118	Joint Pole - Pl Attachmt Audit - Undoc P&E Fee	0	Traditional OOR	0	0	0	0			0	0	4
10f	454	4184120	Joint Pole - Pl - Aud - Unauth Penalty	0	Traditional OOR	0	0	0	0			0	0	4
10g	454	4184510	Joint Pole - Non-Tariffed Pole Rental	125,993	GRSM	0	0	0	125,993	P	21,417	104,576	0	2
10h	454	4184512	Joint Pole - Non-Tariff Process & Engineering Fees	0	GRSM	0	0	0	0	P	0	0	0	2
10i	454	4184514	Joint Pole - Non-Tariff Requests for Information	3,813	GRSM	0	0	0	3,813	P	14	3,799	0	2
10j	454	4184516	Oil And Gas Royalties	42,531	GRSM	0	0	0	42,531	P	8,350	34,181	0	2
10k	454	4184518	Def Operating Land & Facilities Rent Rev	1,777,927	Traditional OOR	1,777,927	0	1,777,927	0			0	0	4
10l	454	4184910	Facility Cost -EIX/Nonutility	1,491,470	Other Ratemaking	64,044	64,044	0	0			0	1,427,426	6,12
10m	454	4184815	Facility Cost - Utility	0	Traditional OOR	0	0	0	0			0	0	7
10n	454	4184820	Rent Billed to Non-Utility Affiliates	1,106,310	Other Ratemaking	47,505	47,505	0	0			0	1,058,805	6,12
10o	454	4184825	Rent Billed to Utility Affiliates	4,371	Traditional OOR	4,371	188	4,183	0			0	0	7
10p	454	4194110	Meter Leasing Revenue	0	Traditional OOR	0	0	0	0			0	0	1
10q	454	4194115	Company Financed Added Facilities	11,431,522	Traditional OOR	11,431,522	0	11,431,522	0			0	0	4
10r	454	4194120	Company Financed Interconnect Facilities	613,141	Traditional OOR	613,141	0	613,141	0			0	0	4
10s	454	4194130	SCE Financed Added Facility	23,617,587	Traditional OOR	23,617,587	0	23,617,587	0			0	0	4
10t	454	4194135	Interconnect Facility Finance Charge	15,460,832	Traditional OOR	15,460,832	4,243,443	11,217,390	0			0	0	8
10u	454	4204515	Operating Land & Facilities Rent Revenue	17,801,246	GRSM	0	0	0	17,801,246	P	2,509,871	15,291,375	0	2
10v	454	4867020	Nonoperating Misc Land & Facilities Rent	0	Traditional OOR	0	0	0	0			0	0	4
10w	454	4184122	Miscellaneous Adjustments	0	Traditional OOR	0	0	0	0			0	0	1
10x	454	4206515	Op Misc Land/Fac Rev	654,930	GRSM	0	0	0	654,930	P	303,500	351,430	0	2
10y	454	4184122	T-Unauth Pole Rent	1,440	Traditional OOR	1,440	0	1,440	0			0	0	4
10z	454	4184124	T-P&E Fees	53,920	Traditional OOR	53,920	0	53,920	0			0	0	4
11	454 Total			78,164,120		57,049,376	4,355,179	52,694,197	18,628,512		2,843,151	15,785,361	2,486,231	
12	FF-1 Total for Acct 454 - Rent from Elec. Property, p300.19b (Must Equal Line 11)			78,164,120										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	GRSM	Other Ratemaking		
12a	456	4186114	Energy Related Services	2,800,953	Traditional OOR	2,800,953	0	2,800,953	0		0	0	0	1
12b	456	4186118	Distribution Miscellaneous Electric Revenues	3,145,722	Traditional OOR	3,145,722	0	3,145,722	0		0	0	0	4
12c	456	4186120	Added Facilities - One Time Charge	660,208	Traditional OOR	660,208	0	660,208	0		0	0	0	4
12d	456	4186122	Building Rental - Nev Power/Mohave Cr	0	Traditional OOR	0	0	0	0		0	0	0	3
12e	456	4186126	Service Fee - Optimal Bill Prd	160	Traditional OOR	160	0	160	0		0	0	0	1
12f	456	4186128	Miscellaneous Revenues	1,648,221	Traditional OOR	1,648,221	0	1,648,221	0		0	0	0	1
12g	456	4186130	Tule Power Plant - Revenue	600	Traditional OOR	600	0	600	0		0	0	0	3
12h	456	4186142	Microwave Agreement	3,428	Traditional OOR	3,428	0	3,428	0		0	0	0	4
12i	456	4186150	Utility Subs Labor Markup	0	Traditional OOR	0	0	0	0		0	0	0	7
12j	456	4186155	Non Utility Subs Labor Markup	216,765	Other Ratemaking	9,308	9,308	0	0		0	207,457	0	6,12
12k	456	4186162	Reliant Eng FSA Ann Pymt-Mandalay	1,447	Traditional OOR	1,447	0	1,447	0		0	0	0	4
12l	456	4186164	Reliant Eng FSA Ann Pymt-Ormond Beach	14,522	Traditional OOR	14,522	0	14,522	0		0	0	0	4
12m	456	4186166	Reliant Eng FSA Ann Pymt-Etiwanda	4,388	Traditional OOR	4,388	0	4,388	0		0	0	0	4
12n	456	4186168	Reliant Eng FSA Ann Pymt-Etiwood	993	Traditional OOR	993	0	993	0		0	0	0	4
12o	456	4186170	Reliant Eng FSA Ann Pymt-Coolwater	845	Traditional OOR	845	0	845	0		0	0	0	4
12p	456	4186194	Property License Fee revenue	208,656	Traditional OOR	208,656	0	208,656	0		0	0	0	4
12q	456	4186512	Revenue From Recreation, Fish & Wildlife	1,440,962	GRSM	0	0	0	1,440,962	P	221,505	1,219,457	0	2
12r	456	4186514	Mapping Services	126,984	GRSM	0	0	0	126,984	P	13,168	113,816	0	2
12s	456	4186518	Enhanced Pump Test Revenue	36,345	GRSM	0	0	0	36,345	P	6,423	29,922	0	2
12t	456	4186520	RTTC Revenue	0	GRSM	0	0	0	0	P	0	0	0	2
12u	456	4186524	Revenue From Scrap Paper - General Office	2,666	GRSM	0	0	0	2,666	P	36	2,630	0	2
12v	456	4186528	CTAC Revenues	2,600	GRSM	0	0	0	2,600	P	0	2,600	0	2
12w	456	4186530	AGTAC Revenues	5,590	GRSM	0	0	0	5,590	P	2,270	3,320	0	2
12x	456	4186536	Other Inc/erd Party DC-ESM	0	GRSM	0	0	0	0	P	0	0	0	2
12y	456	4186538	3rd Party-Div Tmg-Cr PPD training	0	GRSM	0	0	0	0	P	0	0	0	2
12z	456	4186716	ADT Vendor Service Revenue	0	GRSM	0	0	0	0	A	0	0	0	2
12aa	456	4186718	Read Water Meters - Irvine Ranch	0	GRSM	0	0	0	0	A	0	0	0	2
12bb	456	4186720	Read Water Meters - Rancho California	0	GRSM	0	0	0	0	A	0	0	0	2
12cc	456	4186722	Read Water Meters - Long Beach	0	GRSM	0	0	0	0	A	0	0	0	2
12dd	456	4186730	SSID Transformer Repair Services Revenue	6,790	GRSM	0	0	0	6,790	A	3,767	3,023	0	2
12ee	456	4186815	Employee Transfer/Affiliate Fee	56,842	Other Ratemaking	0	0	0	0		0	56,842	0	6
12ff	456	4186910	ITCC/CIA/C Revenues	21,125,116	Traditional OOR	21,125,116	0	21,125,116	0		0	0	0	4
12gg	456	4186912	Revenue From Decommission Trust Fund	181,618,857	Other Ratemaking	0	0	0	0		0	181,618,857	0	6
12hh	456	4186914	Revenue From Decommissioning Trust FAS115	(47,397,896)	Other Ratemaking	0	0	0	0		0	(47,397,896)	0	6
12ii	456	4186916	Offset to Revenue from NDT Earnings/Realized	(181,650,024)	Other Ratemaking	0	0	0	0		0	(181,650,024)	0	6
12jj	456	4186918	Offset to Revenue from FAS 115 FMV	47,397,896	Other Ratemaking	0	0	0	0		0	47,397,896	0	6
12kk	456	4186920	Revenue From Decommissioning Trust FAS115-1	129,920,723	Other Ratemaking	0	0	0	0		0	129,920,723	0	6
12ll	456	4186922	Offset to Revenue from FAS 115-1 Gains & Loss	(129,920,723)	Other Ratemaking	0	0	0	0		0	(129,920,723)	0	6
12mm	456	4188712	Power Supply Installations - IMS	0	GRSM	0	0	0	0	A	0	0	0	2
12nn	456	4188714	Consulting Fees - IMS	0	GRSM	0	0	0	0	A	0	0	0	2
12oo	456	4188818	FTR Auction Revenue	0	Other Ratemaking	0	0	0	0		0	0	0	6
12pp	456	4196105	DA Revenue	295,234	Traditional OOR	295,234	0	295,234	0		0	0	0	1
12qq	456	4196154	Direct Access Monthly Customer Charges	0	Traditional OOR	0	0	0	0		0	0	0	1
12rr	456	4196158	EDBL Customer Finance Added Facilities	3,563,057	Traditional OOR	3,563,057	0	3,563,057	0		0	0	0	4
12ss	456	4196162	SCE Energy Manager Fee Based Services	153,585	Traditional OOR	153,585	0	153,585	0		0	0	0	4
12tt	456	4196166	SCE Energy Manager Fee Based Services Adj	(14,156)	Traditional OOR	(14,156)	0	(14,156)	0		0	0	0	4
12uu	456	4196172	Off Grid Photo Voltaic Revenues	0	Traditional OOR	0	0	0	0		0	0	0	1
12vv	456	4196174	Scheduling/Dispatch Revenues	3,057	Traditional OOR	3,057	0	3,057	0		0	0	0	4
12ww	456	4196176	Interconnect Facilities Charges-Customer Financed	1,645,132	Traditional OOR	1,645,132	88,029	1,557,103	0		0	0	0	8
12xx	456	4196178	Interconnect Facilities Charges - SCE Financed	7,802,342	Traditional OOR	7,802,342	1	0	7,802,342	0		0	0	4
12yy	456	4196184	DMS Service Fees	2,273	Traditional OOR	2,273	0	2,273	0		0	0	0	4
12zz	456	4196188	CCA - Information Fees	958	Traditional OOR	958	0	958	0		0	0	0	6
12aaa	456	4206515	Operating Miscellaneous Land & Facilities	0	GRSM	0	0	0	0	P	0	0	0	2
12bbb	456	-	Miscellaneous Adjustments	(4,105)	Traditional OOR	(4,105)	0	(4,105)	0		0	0	0	1
12ccc	456	4186911	Grant Amortization	2,992,935	Other Ratemaking	0	0	0	0		0	2,992,935	0	6
12ddd	456	4186925	GHG Allowance Revenue	274,980,199	Other Ratemaking	0	0	0	0		0	274,980,199	0	6
13	456	Total		322,900,145		43,071,942	97,337	42,974,605	1,621,936		247,168	1,374,767	278,206,267	
14		FF-1 Total for Acct 456 - Other electric Revenues, p300.21b		322,900,145										
		(Must Equal Line 13)												

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	GRSM	Other Ratemaking		
15a	456.1	4188112	Trans of Elec of Others - Pasadena	0	Traditional OOR	0	0	0	0		0	0	0	5
15b	456.1	4188114	FTS PPU/Non-ISO	299,738	Traditional OOR	299,738	0	299,738	0		0	0	0	4
15c	456.1	4188116	FTS Non-PPU/Non-ISO	992,563	Traditional OOR	992,563	0	992,563	0		0	0	0	4
15d	456.1	4188812	ISO-Wheeling Revenue - Low Voltage	231,446	Other Ratemaking	0	0	0	0		0	231,446	0	6
15e	456.1	4188814	ISO-Wheeling Revenue - High Voltage	39,747,438	Other Ratemaking	0	0	0	0		0	39,747,438	0	6
15f	456.1	4188816	ISO-Congestion Revenue	0	Other Ratemaking	0	0	0	0		0	0	0	6
15g	456.1	4198110	Transmission of Elec of Others	32,284,584	Traditional OOR	32,284,584	32,284,584	0	0		0	0	0	5
15h	456.1	4198112	WDAT	5,020,973	Traditional OOR	5,020,973	0	5,020,973	0		0	0	0	4
15i	456.1	4198114	Radial Line Rev-Base Cost - Reliant Coolwater	394,622	Traditional OOR	394,622	0	394,622	0		0	0	0	4
15j	456.1	4198115	High Voltage Trans Access Rev (Existing Contracts)	0	Other Ratemaking	0	0	0	0		0	0	0	6
15k	456.1	4198116	Radial Line Rev-Base Cost - Reliant Ormond Beach	1,081,986	Traditional OOR	1,081,986	0	1,081,986	0		0	0	0	4
15l	456.1	4198118	Radial Line Rev-O&M - AES Huntington Beach	402,148	Traditional OOR	402,148	0	402,148	0		0	0	0	4
15m	456.1	4198120	Radial Line Rev-O&M - Reliant Mandalay	206,111	Traditional OOR	206,111	0	206,111	0		0	0	0	4
15n	456.1	4198122	Radial Line Rev-O&M - Reliant Coolwater	551,002	Traditional OOR	551,002	0	551,002	0		0	0	0	4
15o	456.1	4198124	Radial Line Rev-O&M - Ormond Beach	650,488	Traditional OOR	650,488	0	650,488	0		0	0	0	4
15p	456.1	4198126	High Desert Tie-Line Rental Rev	264,133	Traditional OOR	264,133	0	264,133	0		0	0	0	4
15q	456.1	4198128	Scheduling/Dispatch Revenues (CSS)	0	Traditional OOR	0	0	0	0		0	0	0	4
15r	456.1	4198130	Inland Empire CRT Tie-Line EX	42,492	Traditional OOR	42,492	0	42,492	0		0	0	0	4
15s	456.1	4198910	Reliability Service Revenue - Non-PTO's	77,079	Other Ratemaking	0	0	0	0		0	77,079	0	6
16	456.1 Total			82,246,803		42,190,840	32,284,584	9,906,256	0		0	0	40,055,963	
17	FF-1 Total for Account 456.1 - Revenues from Trans. Of Electricity of Others, p300.22b (Must Equal Line 16)			82,246,803										
18a														
19	457.1 Total			0		0	0	0	0		0	0	0	
20	FF-1 Total for Account 457.1 - Regional Control Service Revenues, p300.23b (Must Equal Line 19)			0										
21a														
22	457.2 Total			0		0	0	0	0		0	0	0	
23	FF-1 Total for Account 457.2- Miscellaneous Revenues, p300.24b (Must Equal Line 22)			0										
Edison Carrier Solutions (ECS)														
24a	417	4863135	ECS - Pass Pole Attachments	0	GRSM	0	0	0	0	P	0	0	0	2
24b	417	4863130	ECS - Distribution Facilities	723,135	GRSM	0	0	0	723,135	P	125,619	597,516	0	2
24c	417	4862110	ECS - Dark Fiber	5,888,977	GRSM	0	0	0	5,888,977	A	1,042,735	4,846,241	0	2
24d	417	4862115	ECS - SCE Net Fiber	3,328,620	GRSM	0	0	0	3,328,620	A	577,711	2,750,909	0	2
24e	417	4862120	ECS - Transmission Right of Way	290,713	GRSM	0	0	0	290,713	A	47,730	242,982	0	2
24f	417	4862135	ECS - Wholesale FCC	27,127,588	GRSM	0	0	0	27,127,588	A	4,786,591	22,340,997	0	2
24g	417	4864110	ECS - Infrastructure Leasing	0	GRSM	0	0	0	0	A	0	0	0	2
24h	417	4864115	ECS - EU FCC Rev	404,184	GRSM	0	0	0	404,184	A	66,803	337,381	0	2
24i	417	4862125	ECS - Cell Site Rent and Use (Active)	13,224,827	GRSM	0	0	0	13,224,827	A	2,296,524	10,928,303	0	2
24j	417	4862130	ECS - Cell Site Reimbursable (Active)	3,493,945	GRSM	0	0	0	3,493,945	A	599,825	2,894,120	0	2
24k	417	4863120	ECS - Communication Sites	385,762	GRSM	0	0	0	385,762	P	55,835	329,927	0	2
24l	417	4863110	ECS - Cell Site Rent and Use (Passive)	3,097,842	GRSM	0	0	0	3,097,842	P	498,669	2,599,173	0	2
24m	417	4863115	ECS - Cell Site Reimbursable (Passive)	354,551	GRSM	0	0	0	354,551	P	27,918	326,633	0	2
24n	417	4863125	ECS - Micro Cell	1,165,665	GRSM	0	0	0	1,165,665	P	227,121	938,544	0	2
24o	417	4864120	ECS - End User Universal Service Fund Fee	9,251	GRSM	0	0	0	9,251	A	2,664	6,587	0	2
25	417 ECS Total			59,495,059		0	0	0	59,495,059		10,355,744	49,139,315	0	
26	417 Other			6,213,359										
27	FF-1 Total for Account 417 - Revenues From Nonutility Operations p117.33c (Must Equal Line 25 + 26)			65,708,418										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	GRSM	Other Ratemaking			
Subsidiaries															
28a	418.1		ESI (Gross Revenues - Active)	12,224,293	GRSM	0	0	0	12,224,293	A	3,196,502	9,027,791	0	2,9	
28b	418.1		ESI (Gross Revenues - Passive)	170,083	GRSM	0	0	0	170,083	P	28,805	141,278	0	2,9	
28c	418.1		Southern States Realty	0	GRSM	0	0	0	0	P	0	0	0	2,15	
28d	418.1		Mono Power Company	(4,375)	Traditional OOR	(4,375)	0	(4,375)	0		0	0	0	13	
28e	418.1		SCE Capital Company	(4,455)	Traditional OOR	(4,455)	0	(4,455)	0		0	0	0	14	
28f	418.1		Edison Material Supply (EMS)	(734,534)	Traditional OOR	(734,534)	(31,541)	(702,993)	0		0	0	0	7,17	
29	418.1 Subsidiaries Total			11,651,012		(743,364)	(31,541)	(711,823)	12,394,376		3,225,306	9,169,070	0		
30	418.1 Other (See Note 16)			(11,249,829)											
31	FF-1 Total for Account 418.1 -Equity in Earnings of Subsidiary Companies, p117.36c (Must Equal Line 29 + 30)			401,183											
32				Totals	586,774,688		171,091,551	36,705,559	134,385,991	92,139,930		16,671,389	75,468,541	323,543,207	

33		Ratepayers' Share of Threshold Revenue	16,671,389
34		ISO Ratepayers' Share of Threshold Revenue	5,425,127
35			
36		Total Active Incremental Revenue	53,378,335
37		Ratepayers' Share of Active Incremental Revenue	5,337,834
38		Total Passive Incremental Revenue	22,090,206
39		Ratepayers' Share of Passive Incremental Revenue	6,627,062
40		Total Ratepayers' Share of Incremental Revenue	11,984,895
41		ISO Ratepayers' Share of Incremental Revenue (%)	32.54%
42		ISO Ratepayers' Share of Incremental Revenue	3,893,561
43		Tot. ISO Ratepayers' Share NTP&S Gross Rev.	9,318,688

Calculation
 = Line 32K
 Note 11
 = Sum Active categories in column L
 = Line 36D * 10%
 = Sum Passive categories in column L
 = Line 38D * 30%
 = Line 37D + Line 39D
 see Note 11
 = Line 40D * Line 41D
 = Line 34D + Line 42D

44	Total Revenue Credits:	Amount	Calculation
		\$46,024,247	Sum of Column D, Line 43 and Column G, Line 32

Notes:

- 1- CPUC Jurisdictional service related.
- 2- Subject to sharing per the Gross Revenue Sharing Mechanism (GRSM), adopted in CPUC D.99-09-070. On an annual basis, once SCE obtains \$16,671,389.55 (Threshold Revenue) in NTP&S Revenues, any additional revenues (Incremental Gross Revenues) that SCE receives are shared between shareholders and ratepayers. For GRSM categories deemed Active, the Incremental Gross Revenues are shared 90/10 between shareholders and ratepayers. For those categories deemed Passive, the Incremental Gross Revenues are shared 70/30 between shareholders and ratepayers.
- 3- Generation related.
- 4- Non-ISO facilities related.
- 5- ISO transmission system related.
- 6- Subject to balancing account treatment
- 7- Allocated based on CPUC GRC allocator in effect during the Prior Year. The weighted average (by time) shall be used if more than one allocator is in effect during the Prior Year.
 ISO Allocator = **0.04294** Source: CPUC D. 12-11-051
- 8- ISO portion of Traditional OOR relates to monthly revenues received from customers for facilities that are part of the ISO network.
- 9- Edison ESI is a subsidiary company. Gross revenues are not reported in FF-1, only net earnings. Net Earnings for ESI are reported on Acct 418.1, pg 225.5e.
- 10- The first \$16,671,389 million in gross revenues generated by GRSM activities are automatically classified as Threshold Revenue.
- 11- Allocator is equal to the jurisdictional split of the Threshold Revenue, which is jurisdictionalized as \$5.425M to FERC ratepayers and \$11.246M to CPUC ratepayers per the 2009 CPUC General Rate Case (D. 09-03-025). The ISO ratepayers' share of ratepayer revenue is \$5.425M/\$16.671M = 32.54%.
- 12- Allocated based on the CPUC Base Revenue Requirement Balancing Account (BRBA) allocator in effect during the Prior Year. The weighted average (by time) shall be used if more than one allocator is in effect during the Prior Year. ISO portion of revenue is treated as traditional OOR.
 ISO Allocator = **0.04294** Source: CPUC D. 12-11-051
- 13- Mono Power Company is a subsidiary company. Net Earnings are reported on Acct 418.1, pg 225.11e. Revenues and costs shall be non-ISO.
- 14- SCE Capital Company is a subsidiary company. Net Earnings are reported on Acct 418.1, pg 225.23e. Revenues and costs shall be non-ISO.
- 15- Southern States Realty is a subsidiary company. Gross revenues are not reported in FF-1, only net earnings. Net Earnings for Southern States Realty are reported on Acct 418.1, pg 225.17e.
- 16- For subsidiaries that are subject to GRSM, Column D contains gross revenues. Input on Line 30D contains the associated expenses.
- 17- Per GRC Decision D.87-12-066, for ratemaking purposes EMS financials are consolidated with SCE's. See FERC Form 1 page 123.3 under "Equity Investment Differences". Consequently, net income of EMS is not reported separately in FERC Form 1 and is not a part of FERC Account 418.1 totals. To ensure that ratepayers receive the net income from this subsidiary SCE includes EMS net income in the formula on line 28f. This amount is reversed as part of line 30 to remain consistent with the totals reported in FERC Form 1.

One Time Adjustment for Revised 2014 True Up TRR		
Description	Amount	Source
Revised TO10 True Up TRR in TO2018 Filing	900,376,914	TO2018 Filing - WP Schedule 3 - One Time Adj True Up Adj, Page 63, Line 45.
Revised TO10 True Up TRR in TO2019 Draft Posting	900,346,976	TO2020 Annual Update - WP Schedule 3 - One Time Adj True Up Adj, Page 22, Line 45.
Variance*	-29,939	

* Variance Includes Adjustments for:
(1) 2014 ISO Facilities Charge Adjustment

Schedule 4
True Up TRR
(Revised 2014 True Up TRR)

TO2020 Annual Update
Attachment 4
WP-Schedule 3-One Time Adj Prior Period
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Calculation of True Up TRR

A) Rate Base for True Up TRR

<u>Line</u>	<u>Rate Base Item</u>	<u>Calculation Method</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>Amount</u>
1	ISO Transmission Plant	13-Month Avg.		6-PlantInService, Line 18	\$5,979,743,757
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$243,935,135
3	Transmission Plant Held for Future Use	BOY/EOY Avg.		11-PHFU, Line 9	\$9,942,155
4	Abandoned Plant	BOY/EOY Avg.		12-AbandonedPlant Line 4	\$7,222,500
<u>Working Capital Amounts</u>					
5	Materials and Supplies	13-Month Avg.		13-WorkCap, Line 17	\$13,962,624
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$4,007,324
7	Cash Working Capital	1/16 (O&M + A&G)		1-Base TRR Line 7	\$8,942,909
8	Working Capital			Line 5 + Line 6 + Line 7	\$26,912,856
<u>Accumulated Depreciation Reserve Amounts</u>					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,118,370,130
10	Distribution Depreciation Reserve - ISO	BOY/EOY Avg.	Negative amount	8-AccDep, Line 17, Col. 5	\$0
11	G + I Depreciation Reserve	BOY/EOY Avg.	Negative amount	8-AccDep, Line 23	-\$100,505,621
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	-\$1,218,875,752
13	Accumulated Deferred Income Taxes	BOY/EOY Avg.		9-ADIT, Line 15	-\$1,123,792,994
14	CWIP Plant	13-Month Avg.		14-IncentivePlant, L 12, C2	\$1,012,920,132
15	Network Upgrade Credits	BOY/EOY Avg.	Negative amount	22-NUCs, Line 9	-\$39,651,975
15a	Unfunded Reserves			34-UnfundedReserves, Line 7	-\$14,611,200
16	Other Regulatory Assets/Liabilities	BOY/EOY Avg.		23-RegAssets, Line 15	\$0
17	Rate Base			L1+L2+L3+L4+L8+L12+ L13+L14+L15+L15a+L16	\$4,883,744,614

B) Return on Capital

<u>Line</u>	<u>Cost of Capital Rate</u>	<u>See Instruction 1</u>	<u>Instruction 1, Line j</u>	<u>7.3032%</u>
18	Return on Capital: Rate Base times Cost of Capital Rate		Line 17 * Line 18	\$356,670,635

C) Income Taxes

<u>20</u>	<u>Income Taxes = [((RB * ER) + D) * (CTR/(1 – CTR))] + CO/(1 – CTR)</u>			<u>\$176,609,752</u>
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Where:

21	RB = Rate Base		Line 17	\$4,883,744,614
22	ER = Equity ROR inc. Com. and Pref. Stock	Instruction 1	Instruction 1, Line k	5.1001%
23	CTR = Composite Tax Rate		1-Base TRR L 58	40.7559%
24	CO = Credits and Other		1-Base TRR L 62	\$2,086,200
25	D = Book Depreciation of AFUDC Equity Book Basis		1-Base TRR L 64	\$2,528,293

Schedule 4
 True Up TRR
 (Revised 2014 True Up TRR)

TO2020 Annual Update

Attachment 4

WP-Schedule 3-One Time Adj Prior Period

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D) True Up TRR Calculation

26	O&M Expense	1-Base TRR L 65	\$93,536,627
27	A&G Expense	1-Base TRR L 66	\$49,549,912
27a	PBOPs True Up TRR Adjustment	35-PBOPs L 14	-\$1,422,417
28	Network Upgrade Interest Expense	1-Base TRR L 67	\$1,555,832
29	Depreciation Expense	1-Base TRR L 68	\$175,437,869
30	Abandoned Plant Amortization Expense	1-Base TRR L 69	\$14,445,000
31	Other Taxes	1-Base TRR L 70	\$46,994,489
32	Revenue Credits	1-Base TRR L 71	-\$52,543,043
33	Return on Capital	Line 19	\$356,670,635
34	Income Taxes	Line 20	\$176,609,752
35	Gains and Losses on Transmission Plant Held for Future Use -- Land	1-Base TRR L 74	\$0
36	Amortization and Regulatory Debits/Credits	1-Base TRR L 75	\$0
37	Total without True Up Incentive Adder	Sum Line 26 to Line 36	\$860,834,657
38	True Up Incentive Adder	15-IncentiveAdder L 20	\$29,542,763
39	True Up TRR without Franchise Fees and Uncollectibles Expense included:	Line 37 + Line 38	\$890,377,420

E) Calculation of final True Up TRR with Franchise Fees and Uncollectibles Expenses

<u>Line</u>		<u>Reference:</u>	<u>Change In TO10 TUTRR</u>
40	True Up TRR wo FF: \$890,377,420	Line 39	\$900,346,976
41	Franchise Fee Factor: 0.914%	28-FFU, L 5	\$900,376,914
42	Franchise Fee Expense: \$8,140,543	Line 40 * Line 41	-\$29,939
43	Uncollectibles Expense Factor: 0.205%	28-FFU, L 5	
44	Uncollectibles Expense: \$1,829,013	Line 42 * Line 43	
45	True Up TRR: \$900,346,976	L 40 + L 42 + L 44	

Schedule 4
 True Up TRR
 (Revised 2014 True Up TRR)

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Instructions:

- 1) Use weighted average (by time) of the Return on Equity in effect during the Prior Year in determining the "Cost of Capital Rate" on Line 18 and the "Equity Rate of Return Including Preferred Stock" on Line 22 in the event that the ROE is revised during the Prior Year. In this event, the ROE used in Schedule 1 will differ from the ROE used in this Schedule 4, because the Schedule 1 ROE will be the most recent ROE, whereas the Schedule 4 Cost of Capital Rate and Equity Rate of Return including Com. + Pref. Stock will be based on the weighted-average ROE.

Calculation of weighted average Cost of Capital Rate in Prior Year:

If ROE does not change during year, then attribute all days to Line a "ROE at end of Prior Year" and none to "ROE at start of PY"

	<u>Percentage</u>	<u>Reference:</u>	<u>From</u>	<u>To</u>	<u>Days ROE In Effect</u>
a	ROE at end of Prior Year	9.80% 1-Base TRR L 49	Jan 1, 2014	Dec 31, 2014	365
b	ROE start of Prior Year	9.80% See Line e below			
c				Total days in year:	365
d	Wtd. Avg. ROE in Prior Year	9.80% ((Line a ROE * Line a days) + (Line b ROE * Line b days)) / Total Days in Year			

Commission Decisions approving ROE:

Reference:

- e End of Prior Year
- f Beginning of Prior Year

Percentage Reference:

- | | | |
|---|-----------------------------|----------------------------------|
| g | Wtd. Cost of Long Term Debt | 2.2031% 1-Base TRR L 50 |
| h | Wtd.Cost of Preferred Stock | 0.5011% 1-Base TRR L 51 |
| i | Wtd.Cost of Common Stock | 4.5990% 1-Base TRR L 46 * Line d |
| j | Cost of Capital Rate | 7.3032% Sum of Lines f to h |

Calculation of Equity Rate of Return Including Common and Preferred Stock:

Percentage Reference:

- | | |
|---|-----------------------------|
| k | 5.1001% Sum of Lines g to h |
|---|-----------------------------|

- 2) Beginning with the True Up Adjustment calculation for 2012 utilizing the True Up TRR for 2012, exclude from CWIP recovery the capital cost of facilities that were purchased for the portion of Tehachapi Segment 8 near the Chino Airport, but due to the April 25, 2011 Notice of Presumed Hazard issued to SCE by the FAA are not used in the construction of Tehachapi or in any other CWIP incentive project. Additionally, SCE will permanently exclude from Plant In Service, Rate Base, and transmission rates these capital costs if the facilities are not used in the construction of any SCE transmission project.

Schedule 21
 Revenue Credits
 (Revised 2014 True Up TRR)

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 WP-Schedule 3-One Time Adj Prior Period
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Other Ratemaking
1a	450	4191110	Late Payment Charge- Comm. & Ind.	6,638,263	Traditional OOR	6,638,263	0	6,638,263	0			0	0	1
1b	450	4191115	Residential Late Payment	10,336,556	Traditional OOR	10,336,556	0	10,336,556	0			0	0	1
1c	450	4191120	Non-Residential Late Payment	0	Traditional OOR	0	0	0	0			0	0	1
2	450 Total			16,974,819		16,974,819	0	16,974,819	0		0	0	0	
3	FF-1 Total for Acct 450 - Forfeited Discounts, p300.16b (Must Equal Line 2)			16,974,819										
4a	451	4182110	Recover Unauthorized Use/Non-Energy	138,145	Traditional OOR	138,145	0	138,145	0			0	0	1
4b	451	4182115	Miscellaneous Service Revenue - Ownership Cost	783,070	Traditional OOR	783,070	0	783,070	0			0	0	1
4c	451	4192110	Miscellaneous Service Revenues	564	Traditional OOR	564	0	564	0			0	0	1
4d	451	4192115	Returned Check Charges	1,599,974	Traditional OOR	1,599,974	0	1,599,974	0			0	0	1
4e	451	4192125	Service Reconnection Charges	30,983	Traditional OOR	30,983	0	30,983	0			0	0	1
4f	451	4192130	Service Establishment Charge	2,342	Traditional OOR	2,342	0	2,342	0			0	0	1
4g	451	4192140	Field Collection Charges	(212)	Traditional OOR	(212)	0	(212)	0			0	0	1
4h	451	4192510	Quickcheck Revenue	(1)	GRSM	0	0	0	(1)	P	(2)	2	0	2
4i	451	4192910	PUC Reimbursement Fee-Elect	217,411	Other Ratemaking	0	0	0	0			0	217,411	6
4j	451	4182120	Uneconomic Line Extension	9,763	Traditional OOR	9,763	0	9,763	0			0	0	1
4k	451	4192152	Opt Out CARE-Res-Ini	4,030	Other Ratemaking	0	0	0	0			0	4,030	1
4l	451	4192155	Opt Out CARE-Res-Mo	322,130	Other Ratemaking	0	0	0	0			0	322,130	1
4m	451	4192158	Opt Out NonCARE-Res-Ini	91,425	Other Ratemaking	0	0	0	0			0	91,425	1
4n	451	4192160	Opt Out NonCARE-Res-Mo	2,089,545	Other Ratemaking	0	0	0	0			0	2,089,545	1
4o	451	4192135	Conn-Charge - Residential	6,805,851	Traditional OOR	6,805,851	0	6,805,851	0			0	0	1
4p	451	4192145	Conn-Charge - Non-Residential	3,255,984	Traditional OOR	3,255,984	0	3,255,984	0			0	0	1
4q	451	4192150	Conn-Charge - At Pole	16,003	Traditional OOR	16,003	0	16,003	0			0	0	1
5	451 Total			15,367,008		12,642,467	0	12,642,467	(1)		(2)	2	2,724,541	
6	FF-1 Total for Acct 451 - Misc. Service Revenues, p300.17b (Must Equal Line 5)			15,367,008										
7a	453	4183110	Sales of Water & Water Power - San Joaquin	0	Traditional OOR	0	0	0	0			0	0	3
7b	453	4183115	Sales of Water & Water Power - Headwater	0	Traditional OOR	0	0	0	0			0	0	3
7c	453	-	Miscellaneous Adjustments	0	Traditional OOR	0	0	0	0			0	0	3
8	453 Total			0		0	0	0	0		0	0	0	
9	FF-1 Total for Acct 453 - Sales of Water and Power, p300.18b (Must Equal Line 8)			0										
10a	454	4184110	Joint Pole - Tariffed Conduit Rental	443,082	Traditional OOR	443,082	0	443,082	0			0	0	4
10b	454	4184112	Joint Pole - Tariffed Pole Rental - Cable Cos.	3,041,756	Traditional OOR	3,041,756	0	3,041,756	0			0	0	4
10c	454	4184114	Joint Pole - Tariffed Process & Eng Fees - Cable	550,960	Traditional OOR	550,960	0	550,960	0			0	0	4
10d	454	4184116	Joint Pole - Tariffed Process & Eng Fees - Conduit	3,000	Traditional OOR	3,000	0	3,000	0			0	0	4
10e	454	4184118	Joint Pole - PI Attachmnt Audit - Undoc P&E Fee	0	Traditional OOR	0	0	0	0			0	0	4
10f	454	4184120	Joint Pole - Aud - Unauth Penalty	0	Traditional OOR	0	0	0	0			0	0	4
10g	454	4184510	Joint Pole - Non-Tariffed Pole Rental	221,497	GRSM	0	0	0	221,497	P	\$33,590	187,907	0	2
10h	454	4184512	Joint Pole - Non-Tariff Process & Engineering Fees	0	GRSM	0	0	0	0	P	\$0	0	0	2
10i	454	4184514	Joint Pole - Non-Tariff Requests for Information	828	GRSM	0	0	0	828	P	\$234	594	0	2
10j	454	4184516	Oil And Gas Royalties	39,568	GRSM	0	0	0	39,568	P	\$9,351	30,217	0	2
10k	454	4184518	Def Operating Land & Facilities Rent Rev	(192,432)	Traditional OOR	(192,432)	0	(192,432)	0			0	0	4
10l	454	4184910	Facility Cost -EIX/Nonutility	1,519,358	Other Ratemaking	65,241	65,241	0	0			0	1,454,117	6,12
10m	454	4184815	Facility Cost - Utility	0	Traditional OOR	0	0	0	0			0	0	7
10n	454	4184820	Rent Billed to Non-Utility Affiliates	1,212,325	Other Ratemaking	52,057	52,057	0	0			0	1,160,268	6,12
10o	454	4184825	Rent Billed to Utility Affiliates	0	Traditional OOR	0	0	0	0			0	0	7
10p	454	4194110	Meter Leasing Revenue	0	Traditional OOR	0	0	0	0			0	0	1
10q	454	4194115	Company Financed Added Facilities	10,847,746	Traditional OOR	10,847,746	0	10,847,746	0			0	0	4
10r	454	4194120	Company Financed Interconnect Facilities	507,135	Traditional OOR	507,135	0	507,135	0			0	0	4
10s	454	4194130	SCE Financed Added Facility	23,087,340	Traditional OOR	23,087,340	0	23,087,340	0			0	0	4
10t	454	4194135	Interconnect Facility Finance Charge	15,482,178	Traditional OOR	15,482,178	4,087,271	11,394,907	0			0	0	8
10u	454	4204515	Operating Land & Facilities Rent Revenue	19,691,017	GRSM	0	0	0	19,691,017	P	\$4,003,883	15,687,133	0	2
10v	454	4867020	Nonoperating Misc Land & Facilities Rent	0	Traditional OOR	0	0	0	0			0	0	4
10w	454	4206515	Miscellaneous Adjustments	(231)	Traditional OOR	(231)	0	(231)	0			0	0	1
10x	454	4206515	Op Misc Land/Fac Rev	695,479	GRSM	0	0	0	695,479	P	\$220,583	474,896	0	2
10y	454	4184122	T-Unauth Pole Rent	(40)	Traditional OOR	(40)	0	(40)	0			0	0	4
10z	454	4184124	T-P&E Fees	11,600	Traditional OOR	11,600	0	11,600	0			0	0	4
11	454 Total			77,162,166		53,899,393	4,204,569	49,694,823	20,648,388		4,267,641	16,380,747	2,614,385	
12	FF-1 Total for Acct 454 - Rent from Elec. Property, p300.19b (Must Equal Line 11)			77,162,166										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	GRSM	Other Ratemaking		
12a	456	4186114	Energy Related Services	3,476,378	Traditional OOR	3,476,378	0	3,476,378	0		0	0	0	1
12b	456	4186118	Distribution Miscellaneous Electric Revenues	3,267,385	Traditional OOR	3,267,385	0	3,267,385	0		0	0	0	4
12c	456	4186120	Added Facilities - One Time Charge	332,063	Traditional OOR	332,063	0	332,063	0		0	0	0	4
12d	456	4186122	Building Rental - Nev Power/Mohave Cr	0	Traditional OOR	0	0	0	0		0	0	0	3
12e	456	4186126	Service Fee - Optimal Bill Prd	0	Traditional OOR	0	0	0	0		0	0	0	1
12f	456	4186128	Miscellaneous Revenues	15,787,444	Traditional OOR	15,787,444	0	15,787,444	0		0	0	0	1
12g	456	4186130	Tule Power Plant - Revenue	0	Traditional OOR	0	0	0	0		0	0	0	3
12h	456	4186142	Microwave Agreement	3,428	Traditional OOR	3,428	0	3,428	0		0	0	0	4
12i	456	4186150	Utility Subs Labor Markup	0	Traditional OOR	0	0	0	0		0	0	0	7
12j	456	4186155	Non Utility Subs Labor Markup	227,141	Other Ratemaking	9,753	9,753	0	0		0	217,387	6,12	
12k	456	4186162	Reliant Eng FSA Ann Pymt-Mandalay	1,206	Traditional OOR	1,206	0	1,206	0		0	0	0	4
12l	456	4186164	Reliant Eng FSA Ann Pymt-Ormond Beach	12,102	Traditional OOR	12,102	0	12,102	0		0	0	0	4
12m	456	4186166	Reliant Eng FSA Ann Pymt-Etiwanda	3,657	Traditional OOR	3,657	0	3,657	0		0	0	0	4
12n	456	4186168	Reliant Eng FSA Ann Pymt-Etiwood	828	Traditional OOR	828	0	828	0		0	0	0	4
12o	456	4186170	Reliant Eng FSA Ann Pymt-Coolwater	704	Traditional OOR	704	0	704	0		0	0	0	4
12p	456	4186194	Property License Fee revenue	191,268	Traditional OOR	191,268	0	191,268	0		0	0	0	4
12q	456	4186512	Revenue From Recreation, Fish & Wildlife	1,469,924	GRSM	0	0	0	1,469,924	P	261,008	1,208,916	0	2
12r	456	4186514	Mapping Services	132,373	GRSM	0	0	0	132,373	P	28,291	104,082	0	2
12s	456	4186518	Enhanced Pump Test Revenue	44,525	GRSM	0	0	0	44,525	P	2,814	41,711	0	2
12t	456	4186520	RTTC Revenue	0	GRSM	0	0	0	0	P	0	0	0	2
12u	456	4186524	Revenue From Scrap Paper - General Office	1,766	GRSM	0	0	0	1,766	P	94	1,672	0	2
12v	456	4186528	CTAC Revenues	1,240	GRSM	0	0	0	1,240	P		1,240	0	2
12w	456	4186530	AGTAC Revenues	16,180	GRSM	0	0	0	16,180	P	2,950	13,230	0	2
12x	456	4186536	Other Inc/erd Party DC-ESM	0	GRSM	0	0	0	0	P		0	0	2
12y	456	4186538	3rd Party-Div Tmg-Cr PPD training	0	GRSM	0	0	0	0	P		0	0	2
12z	456	4186716	ADT Vendor Service Revenue	0	GRSM	0	0	0	0	A		0	0	2
12aa	456	4186718	Read Water Meters - Irvine Ranch	0	GRSM	0	0	0	0	A		0	0	2
12bb	456	4186720	Read Water Meters - Rancho California	0	GRSM	0	0	0	0	A		0	0	2
12cc	456	4186722	Read Water Meters - Long Beach	0	GRSM	0	0	0	0	A		0	0	2
12dd	456	4186730	SSID Transformer Repair Services Revenue	0	GRSM	0	0	0	0	A		0	0	2
12ee	456	4186815	Employee Transfer/Affiliate Fee	223,794	Other Ratemaking	0	0	0	0			223,794	6	
12ff	456	4186910	ITCC/CIA/C Revenues	26,951,145	Traditional OOR	26,951,145	0	26,951,145	0		0	0	0	4
12gg	456	4186912	Revenue From Decommission Trust Fund	300,286,284	Other Ratemaking	0	0	0	0			300,286,284	6	
12hh	456	4186914	Revenue From Decommissioning Trust FAS115	(13,845,904)	Other Ratemaking	0	0	0	0			(13,845,904)	6	
12ii	456	4186916	Offset to Revenue from NDT Earnings/Realized	(300,286,254)	Other Ratemaking	0	0	0	0			(300,286,254)	6	
12jj	456	4186918	Offset to Revenue from FAS 115 FMV	13,845,904	Other Ratemaking	0	0	0	0			13,845,904	6	
12kk	456	4186920	Revenue From Decommissioning Trust FAS115-1	0	Other Ratemaking	0	0	0	0			0	0	6
12ll	456	4186922	Offset to Revenue from FAS 115-1 Gains & Loss	0	Other Ratemaking	0	0	0	0			0	0	6
12mm	456	4188712	Power Supply Installations - IMS	0	GRSM	0	0	0	0	A		0	0	2
12nn	456	4188714	Consulting Fees - IMS	0	GRSM	0	0	0	0	A		0	0	2
12oo	456	4188818	FTR Auction Revenue	0	Other Ratemaking	0	0	0	0			0	0	6
12pp	456	4196105	DA Revenue	283,173	Traditional OOR	283,173	0	283,173	0		0	0	0	1
12qq	456	4196154	Direct Access Monthly Customer Charges	0	Traditional OOR	0	0	0	0			0	0	1
12rr	456	4196158	EDBL Customer Finance Added Facilities	3,368,163	Traditional OOR	3,368,163	0	3,368,163	0			0	0	4
12ss	456	4196162	SCE Energy Manager Fee Based Services	161,574	Traditional OOR	161,574	0	161,574	0			0	0	4
12tt	456	4196166	SCE Energy Manager Fee Based Services Adj	(166)	Traditional OOR	(166)	0	(166)	0			0	0	4
12uu	456	4196172	Off Grid Photo Voltaic Revenues	0	Traditional OOR	0	0	0	0			0	0	1
12vv	456	4196174	Scheduling/Dispatch Revenues	(6,973)	Traditional OOR	(6,973)	0	(6,973)	0			0	0	4
12ww	456	4196176	Interconnect Facilities Charges-Customer Financed	2,379,182	Traditional OOR	2,379,182	88,029	2,291,153	0			0	0	8
12xx	456	4196178	Interconnect Facilities Charges - SCE Financed	17,793,677	Traditional OOR	17,793,677	1	0	17,793,677	0		0	0	4
12yy	456	4196184	DMS Service Fees	2,297	Traditional OOR	2,297	0	2,297	0			0	0	4
12zz	456	4196188	CCA - Information Fees	597	Traditional OOR	597	0	597	0			0	0	6
12aaa	456	4206515	Operating Miscellaneous Land & Facilities	0	GRSM	0	0	0	0	P		0	0	2
12bbb	456	-	Miscellaneous Adjustments	(268)	Traditional OOR	(268)	0	(268)	0			0	0	1
12ccc	456	4186911	Grant Amortization	4,483,529	Other Ratemaking	0	0	0	0			4,483,529	6	
12ddd	456	4186925	GHG Allowance Revenue	368,730,411	Other Ratemaking	0	0	0	0			368,730,411	6	
12eee	456	4186174	3rd Party Sys-Outside SCE AES Huntington Beach	\$103	Traditional OOR	103	0	103	0			0	0	1
12fff	456	4186740	Advanced Technology 3rd Party Services	\$205,723	Traditional OOR	205,723	0	205,723	0			0	0	1
13	456	Total		449,545,602		74,224,442	97,782	74,126,660	1,666,008		295,157	1,370,850	373,655,152	
14		FF-1 Total for Acct 456 - Other electric Revenues, p300.21b		449,545,602										

Changed from \$26,518 to
\$88,029 to correct
inadvertent error.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	GRSM	Other Ratemaking		
15a	456.1	4188112	Trans of Elec of Others - Pasadena	0	Traditional OOR	0	0	0	0		0	0	0	5
15b	456.1	4188114	FTS PPU/Non-ISO	299,738	Traditional OOR	299,738	0	299,738	0		0	0	0	4
15c	456.1	4188116	FTS Non-PPU/Non-ISO	992,563	Traditional OOR	992,563	0	992,563	0		0	0	0	4
15d	456.1	4188812	ISO-Wheeling Revenue - Low Voltage	126,133	Other Ratemaking	0	0	0	0		0	126,133	0	6
15e	456.1	4188814	ISO-Wheeling Revenue - High Voltage	16,400,947	Other Ratemaking	0	0	0	0		0	16,400,947	0	6
15f	456.1	4188816	ISO-Congestion Revenue	0	Other Ratemaking	0	0	0	0		0	0	0	6
15g	456.1	4198110	Transmission of Elec of Others	39,268,453	Traditional OOR	39,268,453	39,268,453	0	0		0	0	0	5
15h	456.1	4198112	WDAT	5,099,480	Traditional OOR	5,099,480	0	5,099,480	0		0	0	0	4
15i	456.1	4198114	Radial Line Rev-Base Cost - Reliant Coolwater	394,622	Traditional OOR	394,622	0	394,622	0		0	0	0	4
15j	456.1	4198115	High Voltage Trans Access Rev (Existing Contracts)	0	Other Ratemaking	0	0	0	0		0	0	0	6
15k	456.1	4198116	Radial Line Rev-Base Cost - Reliant Ormond Beach	1,078,528	Traditional OOR	1,078,528	0	1,078,528	0		0	0	0	4
15l	456.1	4198118	Radial Line Rev-O&M - AES Huntington Beach	402,148	Traditional OOR	402,148	0	402,148	0		0	0	0	4
15m	456.1	4198120	Radial Line Rev-O&M - Reliant Mandalay	215,698	Traditional OOR	215,698	0	215,698	0		0	0	0	4
15n	456.1	4198122	Radial Line Rev-O&M - Reliant Coolwater	551,002	Traditional OOR	551,002	0	551,002	0		0	0	0	4
15o	456.1	4198124	Radial Line Rev-O&M - Ormond Beach	653,298	Traditional OOR	653,298	0	653,298	0		0	0	0	4
15p	456.1	4198126	High Desert Tie-Line Rental Rev	264,133	Traditional OOR	264,133	0	264,133	0		0	0	0	4
15q	456.1	4198128	Scheduling/Dispatch Revenues (CSS)	0	Traditional OOR	0	0	0	0		0	0	0	4
15r	456.1	4198130	Inland Empire CRT Tie-Line EX	42,492	Traditional OOR	42,492	0	42,492	0		0	0	0	4
15s	456.1	4198910	Reliability Service Revenue - Non-PTO's	176,596	Other Ratemaking	0	0	0	0		0	176,596	0	6
16	456.1 Total			65,965,831		49,262,155	39,268,453	9,993,702	0	0	0	0	16,703,676	
17	FF-1 Total for Account 456.1 - Revenues from Trans. Of Electricity of Others, p300.22b (Must Equal Line 16)			65,965,831										
18a														
19	457.1 Total			0		0	0	0	0	0	0	0	0	
20	FF-1 Total for Account 457.1 - Regional Control Service Revenues, p300.23b (Must Equal Line 19)			0										
21a														
22	457.2 Total			0		0	0	0	0	0	0	0	0	
23	FF-1 Total for Account 457.2- Miscellaneous Revenues, p300.24b (Must Equal Line 22)			0										
Edison Carrier Solutions (ECS)														
24a	417	4863135	ECS - Pass Pole Attachments	0	GRSM	0	0	0	0	P	0	0	0	2
24b	417	4863130	ECS - Distribution Facilities	711,191	GRSM	0	0	0	711,191	P	130,313	580,878	0	2
24c	417	4862110	ECS - Dark Fiber	5,850,174	GRSM	0	0	0	5,850,174	A	1,197,979	4,652,196	0	2
24d	417	4862115	ECS - SCE Net Fiber	3,330,986	GRSM	0	0	0	3,330,986	A	678,666	2,652,319	0	2
24e	417	4862120	ECS - Transmission Right of Way	695,337	GRSM	0	0	0	695,337	A	53,181	642,157	0	2
24f	417	4862135	ECS - Wholesale FCC	27,617,591	GRSM	0	0	0	27,617,591	A	5,485,841	22,131,750	0	2
24g	417	4864110	ECS - Infrastructure Leasing	0	GRSM	0	0	0	0	A	0	0	0	2
24h	417	4864115	ECS - EU FCC Rev	343,067	GRSM	0	0	0	343,067	A	71,701	271,367	0	2
24i	417	4862125	ECS - Cell Site Rent and Use (Active)	13,476,994	GRSM	0	0	0	13,476,994	A	2,794,017	10,682,978	0	2
24j	417	4862130	ECS - Cell Site Reimbursable (Active)	3,556,422	GRSM	0	0	0	3,556,422	A	658,698	2,897,724	0	2
24k	417	4863120	ECS - Communication Sites	393,560	GRSM	0	0	0	393,560	P	63,170	330,390	0	2
24l	417	4863110	ECS - Cell Site Rent and Use (Passive)	3,229,905	GRSM	0	0	0	3,229,905	P	664,771	2,565,134	0	2
24m	417	4863115	ECS - Cell Site Reimbursable (Passive)	421,031	GRSM	0	0	0	421,031	P	76,653	344,378	0	2
24n	417	4863125	ECS - Micro Cell	992,568	GRSM	0	0	0	992,568	P	233,903	758,665	0	2
24o	417	4864120	ECS - End User Universal Service Fund Fee	0	GRSM	0	0	0	0	A	0	0	0	2
25	417 ECS Total			60,618,828		0	0	0	60,618,828		12,108,893	48,509,936	0	
26	417 Other			7,059,057										
27	FF-1 Total for Account 417 - Revenues From Nonutility Operations p117.33c (Must Equal Line 25 + 26)			67,677,885										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	GRSM	Other Ratemaking		
Subsidiaries														
28a	418.1		ESI (Gross Revenues - Active)	(300)	GRSM	0	0	(300)	A	(300)	0	0	0	2,9
28b	418.1		ESI (Gross Revenues - Passive)	0	GRSM	0	0	0	P	0	0	0	0	2,9
28c	418.1		Southern States Realty	976	GRSM	0	0	976	P	0	976	0	0	2,15
28d	418.1		Mono Power Company	(1,461)	Traditional OOR	(1,461)	0	(1,461)	0		0	0	0	13
28e	418.1		SCE Capital Company	1,201	Traditional OOR	1,201	0	1,201			0	0	0	14
28f	418.1		Edison Material Supply (EMS)	(1,458,052)	Traditional OOR	(1,458,052)	(62,609)	(1,395,443)	0		0	0	0	7,17
29	418.1 Subsidiaries Total			(1,457,636)		(1,458,312)	(62,609)	(1,395,703)	676	(300)	976	0		
30	418.1 Other (See Note 16)			1,453,882										
31	FF-1 Total for Account 418.1 -Equity in Earnings of Subsidiary Companies, p117.36c (Must Equal Line 29 + 30)			(3,754)										
32				Totals	684,176,618		205,544,964	43,508,196	162,036,768	82,933,900	16,671,389	66,262,511	395,697,754	

33		Ratepayers' Share of Threshold Revenue	16,671,389	Calculation
34		ISO Ratepayers' Share of Threshold Revenue	5,425,127	= Line 32K
35				Note 11
36		Total Active Incremental Revenue	43,930,490	= Sum Active categories in column L
37		Ratepayers' Share of Active Incremental Revenue	4,393,049	= Line 36D * 10%
38		Total Passive Incremental Revenue	22,332,020	= Sum Passive categories in column L
39		Ratepayers' Share of Passive Incremental Revenue	6,699,606	= Line 38D * 30%
40		Total Ratepayers' Share of Incremental Revenue	11,092,655	= Line 37D + Line 39D
41		ISO Ratepayers' Share of Incremental Revenue (%)	32.54%	see Note 11
42		ISO Ratepayers' Share of Incremental Revenue	3,609,721	= Line 40D * Line 41D
43		Tot. ISO Ratepayers' Share NTP&S Gross Rev.	9,034,847	= Line 34D + Line 42D

44	Total Revenue Credits:	Amount	Calculation
		\$52,543,043	Sum of Column D, Line 43 and Column G, Line 32

Notes:

- 1- CPUC Jurisdictional service related.
- 2- Subject to sharing per the Gross Revenue Sharing Mechanism (GRSM), adopted in CPUC D.99-09-070. On an annual basis, once SCE obtains \$16,671,389.55 (Threshold Revenue) in NTP&S Revenues, any additional revenues (Incremental Gross Revenues) that SCE receives are shared between shareholders and ratepayers. For GRSM categories deemed Active, the Incremental Gross Revenues are shared 90/10 between shareholders and ratepayers. For those categories deemed Passive, the Incremental Gross Revenues are shared 70/30 between shareholders and ratepayers.
- 3- Generation related.
- 4- Non-ISO facilities related.
- 5- ISO transmission system related.
- 6- Subject to balancing account treatment
- 7- Allocated based on CPUC GRC allocator in effect during the Prior Year. The weighted average (by time) shall be used if more than one allocator is in effect during the Prior Year.
ISO Allocator = **0.04294** Source: CPUC D. 12-11-051
- 8- ISO portion of Traditional OOR relates to monthly revenues received from customers for facilities that are part of the ISO network.
- 9- Edison ESI is a subsidiary company. Gross revenues are not reported in FF-1, only net earnings. Net Earnings for ESI are reported on Acct 418.1, pg 225.5e.
- 10- The first \$16,671,389 million in gross revenues generated by GRSM activities are automatically classified as Threshold Revenue.
- 11- Allocator is equal to the jurisdictional split of the Threshold Revenue, which is jurisdictionalized as \$5,425M to FERC ratepayers and \$11,246M to CPUC ratepayers per the 2009 CPUC General Rate Case (D. 09-03-025). The ISO ratepayers' share of ratepayer revenue is \$5,425M/\$16,671M = 32.54%.
- 12- Allocated based on the CPUC Base Revenue Requirement Balancing Account (BRBA) allocator in effect during the Prior Year. The weighted average (by time) shall be used if more than one allocator is in effect during the Prior Year. ISO portion of revenue is treated as traditional OOR.
ISO Allocator = **0.04294** Source: CPUC D. 12-11-051
- 13- Mono Power Company is a subsidiary company. Net Earnings are reported on Acct 418.1, pg 225.11e. Revenues and costs shall be non-ISO.
- 14- SCE Capital Company is a subsidiary company. Net Earnings are reported on Acct 418.1, pg 225.23e. Revenues and costs shall be non-ISO.
- 15- Southern States Realty is a subsidiary company. Gross revenues are not reported in FF-1, only net earnings. Net Earnings for Southern States Realty are reported on Acct 418.1, pg 225.17e.
- 16- For subsidiaries that are subject to GRSM, Column D contains gross revenues. Input on Line 30D contains the associated expenses.
- 17- Per GRC Decision D.87-12-066, for ratemaking purposes EMS financials are consolidated with SCE's. See FERC Form 1 page 123.3 under "Equity Investment Differences". Consequently, net income of EMS is not reported separately in FERC Form 1 and is not a part of FERC Account 418.1 totals. To ensure that ratepayers receive the net income from this subsidiary SCE includes EMS net income in the formula on line 28f. This amount is reversed as part of line 30 to remain consistent with the totals reported in FERC Form 1.

One Time Adjustment for Revised 2016 True Up TRR		
Description	Amount	Source
Revised TO12 True Up TRR in TO2019 Filing	1,024,300,614	TO2019 Annual Filing - WP Schedule 3 - One Time Adj Prior Period, Page 17, Line 45.
Revised TO12 True Up TRR in TO2020 Draft Posting	1,024,299,496	TO2020 Annual Update - WP Schedule 3 - One Time Adj Prior Period, Page 30, Line 45.
Variance*	(1,118)	

* Variance Includes Adjustment for:

(1) 2016 A&G exclusion for outside counsel

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Calculation of True Up TRR

A) Rate Base for True Up TRR

<u>Line</u>	<u>Rate Base Item</u>	<u>Calculation Method</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>Amount</u>
1	ISO Transmission Plant	13-Month Avg.		6-PlantInService, Line 18	\$7,902,835,353
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$256,061,816
3	Transmission Plant Held for Future Use	BOY/EOY Avg.		11-PHFU, Line 9	\$9,942,155
4	Abandoned Plant	BOY/EOY Avg.		12-AbandonedPlant Line 4	\$18,534,525
Working Capital Amounts					
5	Materials and Supplies	13-Month Avg.		13-WorkCap, Line 17	\$14,352,007
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$4,739,147
7	Cash Working Capital	1/16 (O&M + A&G)		1-Base TRR Line 7	\$8,056,055
8	Working Capital			Line 5 + Line 6 + Line 7	\$27,147,208
Accumulated Depreciation Reserve Amounts					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,388,640,791
10	Distribution Depreciation Reserve - ISO	BOY/EOY Avg.	Negative amount	8-AccDep, Line 17, Col. 5	\$0
11	G + I Depreciation Reserve	BOY/EOY Avg.	Negative amount	8-AccDep, Line 23	-\$111,020,981
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	\$1,499,661,772
13	Accumulated Deferred Income Taxes	BOY/EOY Avg.		9-ADIT, Line 14	-\$1,431,150,165
14	CWIP Plant	13-Month Avg.		14-IncentivePlant, L 12, C2	\$271,933,898
15	Network Upgrade Credits	BOY/EOY Avg.	Negative amount	22-NUCs, Line 9	-\$73,457,041
15a	Unfunded Reserves			34-UnfundedReserves, Line 7	-\$11,536,541
16	Other Regulatory Assets/Liabilities	BOY/EOY Avg.		23-RegAssets, Line 15	\$0
17	Rate Base			L1+L2+L3+L4+L8+L12+ L13+L14+L15+L15a+L16	\$5,470,649,435

B) Return on Capital

<u>Line</u>	<u>Cost of Capital Rate</u>	<u>See Instruction 1</u>	<u>Instruction 1, Line j</u>	<u>7.2549%</u>
18	Return on Capital: Rate Base times Cost of Capital Rate		Line 17 * Line 18	\$396,891,557

C) Income Taxes

<u>20</u>	<u>Income Taxes = [((RB * ER) + D) * (CTR/(1 – CTR))] + CO/(1 – CTR)</u>			<u>\$203,624,209</u>
-----------	--	--	--	----------------------

Where:

21	RB = Rate Base		Line 17	\$5,470,649,435
22	ER = Equity ROR inc. Com. and Pref. Stock	Instruction 1	Instruction 1, Line k	5.2590%
23	CTR = Composite Tax Rate		1-Base TRR L 58	40.7460%
24	CO = Credits and Other		1-Base TRR L 62	\$2,086,200
25	D = Book Depreciation of AFUDC Equity Book Basis		1-Base TRR L 64	\$3,296,636

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D) True Up TRR Calculation

26	O&M Expense	1-Base TRR L 65	\$82,055,346
27	A&G Expense	1-Base TRR L 66	\$46,841,527
27a	PBOPs True Up TRR Adjustment	35-PBOPs L 14	-\$134,119
28	Network Upgrade Interest Expense	1-Base TRR L 67	\$2,616,283
29	Depreciation Expense	1-Base TRR L 68	\$228,276,529
30	Abandoned Plant Amortization Expense	1-Base TRR L 69	\$37,069,049
31	Other Taxes	1-Base TRR L 70	\$58,138,923
32	Revenue Credits	1-Base TRR L 71	-\$77,887,588
33	Return on Capital	Line 19	\$396,891,557
34	Income Taxes	Line 20	\$203,624,209
35	Gains and Losses on Transmission Plant Held for Future Use -- Land	1-Base TRR L 74	\$0
36	Amortization and Regulatory Debits/Credits	1-Base TRR L 75	\$0
37	Total without True Up Incentive Adder	Sum Line 26 to Line 36	\$977,491,714
38	True Up Incentive Adder	15-IncentiveAdder L 20	\$35,016,999
39	True Up TRR without Franchise Fees and Uncollectibles Expense included:	Line 37 + Line 38	\$1,012,508,713

E) Calculation of final True Up TRR with Franchise Fees and Uncollectibles Expenses

<u>Line</u>		<u>Reference:</u>	<u>Change In TO12 TUTRR</u>
40	True Up TRR wo FF: \$1,012,508,713	Line 39	\$1,024,299,496
41	Franchise Fee Factor: 0.923%	28-FFU, L 5	\$1,024,300,614
42	Franchise Fee Expense: \$9,346,388	Line 40 * Line 41	
43	Uncollectibles Expense Factor: 0.241%	28-FFU, L 5	
44	Uncollectibles Expense: \$2,444,395	Line 42 * Line 43	
45	True Up TRR: \$1,024,299,496	L 40 + L 42 + L 44	-\$1,118

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Instructions:

- 1) Use weighted average (by time) of the Return on Equity in effect during the Prior Year in determining the "Cost of Capital Rate" on Line 18 and the "Equity Rate of Return Including Preferred Stock" on Line 22 in the event that the ROE is revised during the Prior Year. In this event, the ROE used in Schedule 1 will differ from the ROE used in this Schedule 4, because the Schedule 1 ROE will be the most recent ROE, whereas the Schedule 4 Cost of Capital Rate and Equity Rate of Return including Com. + Pref. Stock will be based on the weighted-average ROE.

Calculation of weighted average Cost of Capital Rate in Prior Year:

If ROE does not change during year, then attribute all days to Line a "ROE at end of Prior Year" and none to "ROE at start of PY"

	<u>Percentage</u>	<u>Reference:</u>	<u>From</u>	<u>To</u>	<u>Days ROE In Effect</u>
a	9.80%	1-Base TRR L 49	Jan 1, 2016	Dec 31, 2016	366
b	9.80%	See Line e below			
c				Total days in year:	366
d				9.80% ((Line a ROE * Line a days) + (Line b ROE * Line b days)) / Total Days in Year	

Commission Decisions approving ROE:

Reference:

- e End of Prior Year
- f Beginning of Prior Year

Percentage Reference:

- | | | |
|---|-----------------------------|---|
| g | Wtd. Cost of Long Term Debt | 1.9960% 1-Base TRR L 50 |
| h | Wtd.Cost of Preferred Stock | 0.5136% 1-Base TRR L 51 |
| i | Wtd.Cost of Common Stock | <u>4.7454%</u> 1-Base TRR L 46 * Line d |
| j | Cost of Capital Rate | 7.2549% Sum of Lines f to h |

Calculation of Equity Rate of Return Including Common and Preferred Stock:

Percentage Reference:

- | | |
|---|-----------------------------|
| k | 5.2590% Sum of Lines g to h |
|---|-----------------------------|

- 2) Beginning with the True Up Adjustment calculation for 2012 utilizing the True Up TRR for 2012, exclude from CWIP recovery the capital cost of facilities that were purchased for the portion of Tehachapi Segment 8 near the Chino Airport, but due to the April 25, 2011 Notice of Presumed Hazard issued to SCE by the FAA are not used in the construction of Tehachapi or in any other CWIP incentive project. Additionally, SCE will permanently exclude from Plant In Service, Rate Base, and transmission rates these capital costs if the facilities are not used in the construction of any SCE transmission project.

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Administrative and General Expenses
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Calculation of Administrative and General Expense

Line	Acct.	Description	Inputs are shaded yellow			
			FERC Form 1 Amount	Data Source	Col 3 See Note 1 Total Amount	Col 4
1	920	A&G Salaries	\$370,948,767	FF1 323.181b	\$72,999,159	\$297,949,608
2	921	Office Supplies and Expenses	\$213,803,210	FF1 323.182b	\$441,759	\$213,361,451
3	922	A&G Expenses Transferred	-\$119,273,668	FF1 323.183b	-\$29,401,382	-\$89,872,286
4	923	Outside Services Employed	\$60,667,969	FF1 323.184b	\$7,744,566	\$52,923,403
5	924	Property Insurance	\$14,124,920	FF1 323.185b	\$0	\$14,124,920
6	925	Injuries and Damages	\$90,935,394	FF1 323.186b	\$0	\$90,935,394
7	926	Employee Pensions and Benefits	\$169,577,000	FF1 323.187b	-\$4,337,968	\$173,914,968
8	927	Franchise Requirements	\$104,853,533	FF1 323.188b	\$104,853,533	\$0
9	928	Regulatory Commission Expenses	\$39,330,186	FF1 323.189b	\$40,447,590	-\$1,117,404
10	929	Duplicate Charges	\$0	FF1 323.190b	\$0	\$0
11	930.1	General Advertising Expense	\$4,740,534	FF1 323.191b	\$0	\$4,740,534
12	930.2	Miscellaneous General Expense	\$18,871,749	FF1 323.192b	\$22,065,926	-\$3,194,177
13	931	Rents	\$17,771,530	FF1 323.193b	\$0	\$17,771,530
14	935	Maintenance of General Plant	\$13,400,370	FF1 323.196b	\$718,532	\$12,681,838
15			\$999,751,494	Total A&G Expenses:	\$784,219,780	

	Amount	Source
16	Remaining A&G after exclusions & NOIC Adjustment:	\$784,219,780
17	Less Account 924:	\$14,124,920
18	Amount to apply the Transmission W&S AF:	\$770,094,860
19	Transmission Wages and Salaries Allocation Factor:	5.7291%
20	Transmission W&S AF Portion of A&G:	\$44,119,700
21	Transmission Plant Allocation Factor:	19.2697%
22	Property Insurance portion of A&G:	\$2,721,828
23	Administrative and General Expenses:	\$46,841,527

Changed from \$7,725,398 to \$7,744,566 due to removal of outside counsel cost related to employment litigation or arbitration matters which should have been excluded.

Note 1: Itemization of exclusions

Acct.	Total Amount Excluded (Sum of Col 1 to Col 4)	Col 1 Shareholder Exclusions or Other Adjustments	Col 2 Franchise Requirements	Col 3 NOIC	Col 4 PBOPs	Notes
24		\$72,999,159	-\$12,148,359	\$85,147,517		See Instructions 2b, 3, and Note 2
25		\$441,759	\$441,759	\$0		
26		-\$29,401,382	-\$7,665,955		-\$21,735,427	
27	\$7,744,566	\$7,744,566				
28		\$0	\$0			
29		\$0	\$0			
30		-\$4,337,968	\$14,829,571	\$0	-\$19,167,539	See Note 3
31		\$104,853,533	\$0	\$104,853,533	\$0	See Note 4
32		\$40,447,590	\$40,447,590			
33		\$0	\$0			
34		\$0	\$0			
35		\$22,065,926	\$22,065,926			
36		\$0	\$0			
37		\$718,532	\$718,532			

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Note 2: Non-Officer Incentive Compensation ("NOIC") Adjustment

(NOIC includes Results Sharing, Management Incentive Program, and Non-Officer Executive Incentive Compensation).
Adjust NOIC by excluding accrued NOIC Amount and replacing with the actual non-capitalized A&G NOIC payout.

	<u>Amount</u>	<u>Source</u>
a	Accrued NOIC Amount: \$108,677,133	SCE Records
b	Actual A&G NOIC payout: \$23,529,616	Note 2, d
c	Adjustment: \$85,147,517	

Actual non-capitalized NOIC Payouts:

	<u>Department</u>	<u>Amount</u>	<u>Source</u>
d	A&G	\$23,529,616	SCE Records and Workpapers
e	Other	\$11,215,512	SCE Records and Workpapers
f	Trans. And Dist. Business Unit	\$37,246,762	SCE Records and Workpapers
g	Total:	\$71,991,890	Sum of d to f

Note 3: PBOPs Exclusion Calculation

	<u>Amount</u>	<u>Note:</u>
a	Authorized PBOPs expense amount: \$40,055,779	See instruction #4
b	Prior Year FF1 PBOPs expense: \$20,888,240	SCE Records
c	PBOPs Expense Exclusion: -\$19,167,539	b - a

Note 4:

Amount in Line 31, column 2 equals amount in Line 8, column 1 because all Franchise Requirements Expenses are excluded
Franchise Fees Expenses component of the Prior Year TRR are based on Franchise Fee Factors.

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Instructions:

- 1) Enter amounts of A&G expenses from FERC Form 1 in Lines 1 to 14.
- 2) Fill out "Itemization of Exclusions" table for all input cells. NOIC amount in Column 3, Line 24 is calculated in Note 2. The PBOPs exclusion in Column 4, Line 30 is calculated in Note 3.
 - a) Exclude amount of any Shareholder Adjustments, costs incurred on behalf of SCE shareholders, from relevant account in Column 1.
 - b) Include as an adjustment in Column 1 for Account 920 any amount excluded from Accounts 569.100, 569.200, and 569.300 in Schedule 19 (OandM) related to Order 668 costs transferred.
 - c) Exclude entire amount of account 927 "Franchise Requirements" in Column 2, as those costs are recovered through the Franchise Fees Expense item.
 - d) Exclude any amount of Account 930.1 "General Advertising Expense" not related to advertising for safety, siting, or informational purposes in column 1.
 - e) Exclude any amount of expense relating to secondary land use and audit expenses not directly benefitting utility customers.
 - f) Exclude from account 930.2:
 - 1) Nuclear Power Research Expenses.
 - 2) Write Off of Abandoned Project Expenses.
 - 3) Any advertising expenses within the Consultants/Professional Services category.
 - g) Exclude the following costs included in any account 920-935:
 - 1) Any amount of "Provision for Doubtful Accounts" costs.
 - 2) Any amount of "Accounting Suspense" costs.
 - 3) Any penalties of fines.
 - 4) Any amount of costs recovered 100% through California Public Utilities Commission ("CPUC") rates.
 - h) Exclude the following amounts of employee incentive compensation from any account 920-935:
 - 1) Any Long Term Incentive Compensation ("LTI") costs.
 - 2) Beginning with Prior Year 2012, any amount of Officer Executive Incentive Compensation ("OEIC") in excess of the amount authorized by the CPUC in Decision D.12-11-051 or subsequent decision.
 - 3) Beginning with Prior Year 2012, any amount of Supplemental Executive Retirement Plan ("SERP") in excess of the amount authorized by the CPUC in Decision D.12-11-051 or subsequent decision.
 - 4) Beginning with Prior Year 2012, any amount of NOIC in excess of the amount authorized by the CPUC in Decision D.12-11-051 or subsequent decision.
 - 5) Any Spot Bonus costs.
 - 6) Any Awards to Celebrate Excellence ("ACE") costs.
- 3) NOIC adjustment in Column 3, Line 24 is made by determining the difference between the total accrued NOIC amount included in the FERC Form 1 recorded cost amounts and the actual A&G NOIC payout (see note 2). NOIC adjustment in column 3, Line 26 is made by entering the amount of accrued NOIC that is capitalized.
- 4) Determine the PBOPs exclusion. The authorized amount of PBOPs expense (line a) may only be revised pursuant to Commission acceptance of an SCE FPA Section 205 filing to revise the authorized PBOPs expense, in accordance with the tariff protocols. Accordingly, any amount different than the authorized PBOPs expense is excluded from account 926 (see note 3). Docket or Decision approving authorized PBOPs amount: ER16-2433, Order dated September 28, 2016
- 5) SCE shall make no adjustments to recorded labor amounts related to non-labor labor and/or Indirect labor in Schedule 20.

One Time Adjustment for Revised 2017 True Up TRR		
Description	Amount	Source
Filed TO13 True Up TRR	1,014,525,809	TO2019 Annual Update Filing - Attachment 5 - Schedule 4 , Page 14, Line 45.
TO13 Revised True Up TRR in TO2020 Draft Posting	1,014,519,565	TO2020 Annual Update - WP Schedule 3 - One Time Adj Prior Period, Page 37, Line 45.
Variance*	(6,244)	

* Variance Includes Adjustment for:

- (1) 2017 A&G exclusion for outside counsel
- (2) 2017 Mesa CWIP Balance Adjustment

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Calculation of True Up TRR

A) Rate Base for True Up TRR

<u>Line</u>	<u>Rate Base Item</u>	<u>Calculation Method</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>Amount</u>
1	ISO Transmission Plant	13-Month Avg.		6-PlantInService, Line 18	\$8,389,794,318
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$252,097,756
3	Transmission Plant Held for Future Use	BOY/EOY Avg.		11-PHFU, Line 9	\$9,942,155
4	Abandoned Plant	BOY/EOY Avg.		12-AbandonedPlant Line 4	\$0
Working Capital Amounts					
5	Materials and Supplies	13-Month Avg.		13-WorkCap, Line 17	\$13,057,097
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$10,647,093
7	Cash Working Capital	1/16 (O&M + A&G)		1-Base TRR Line 7	\$7,824,777
8	Working Capital			Line 5 + Line 6 + Line 7	\$31,528,967
Accumulated Depreciation Reserve Amounts					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,549,914,567
10	Distribution Depreciation Reserve - ISO	BOY/EOY Avg.	Negative amount	8-AccDep, Line 17, Col. 5	\$0
11	G + I Depreciation Reserve	BOY/EOY Avg.	Negative amount	8-AccDep, Line 23	-\$102,849,091
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	\$1,652,763,658
13	Accumulated Deferred Income Taxes	BOY/EOY Avg.		9-ADIT, Line 15	-\$1,600,478,572
14	CWIP Plant	13-Month Avg.		14-IncentivePlant, L 13, C2	\$106,414,658
15	Network Upgrade Credits	BOY/EOY Avg.	Negative amount	22-NUCs, Line 9	-\$106,562,330
15a	Unfunded Reserves			34-UnfundedReserves, Line 7	-\$10,165,091
16	Other Regulatory Assets/Liabilities	BOY/EOY Avg.		23-RegAssets, Line 15	\$0
17	Rate Base			L1+L2+L3+L4+L8+L12+ L13+L14+L15+L15a+L16	\$5,419,808,203

B) Return on Capital

<u>Line</u>	<u>Cost of Capital Rate</u>	<u>See Instruction 1</u>	<u>Instruction 1, Line j</u>	<u>7.2500%</u>
18	Return on Capital: Rate Base times Cost of Capital Rate		Line 17 * Line 18	\$392,934,501

C) Income Taxes

<u>20</u>	<u>Income Taxes = [((RB * ER) + D) * (CTR/(1 – CTR))] + CO/(1 – CTR)</u>			<u>\$201,958,887</u>
-----------	--	--	--	----------------------

Where:

21	RB = Rate Base		Line 17	\$5,419,808,203
22	ER = Equity ROR inc. Com. and Pref. Stock	Instruction 1	Instruction 1, Line k	5.2592%
23	CTR = Composite Tax Rate		1-Base TRR L 58	40.7460%
24	CO = Credits and Other		1-Base TRR L 62	\$2,086,200
25	D = Book Depreciation of AFUDC Equity Book Basis		1-Base TRR L 64	\$3,535,511

Schedule 4
 True Up TRR
 (Revised 2017 True Up TRR)

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D) True Up TRR Calculation

26	O&M Expense	1-Base TRR L 65	\$78,644,834
27	A&G Expense	1-Base TRR L 66	\$46,551,598
27a	PBOPs True Up TRR Adjustment	35-PBOPs L 14	-\$6,505
28	Network Upgrade Interest Expense	1-Base TRR L 67	\$6,116,851
29	Depreciation Expense	1-Base TRR L 68	\$239,582,731
30	Abandoned Plant Amortization Expense	1-Base TRR L 69	\$0
31	Other Taxes	1-Base TRR L 70	\$60,990,527
32	Revenue Credits	1-Base TRR L 71	-\$58,832,606
33	Return on Capital	Line 19	\$392,934,501
34	Income Taxes	Line 20	\$201,958,887
35	Gains and Losses on Transmission Plant Held for Future Use -- Land	1-Base TRR L 74	\$0
36	Amortization and Regulatory Debits/Credits	1-Base TRR L 75	\$0
37	Total without True Up Incentive Adder	Sum Line 26 to Line 36	\$967,940,819
38	True Up Incentive Adder	15-IncentiveAdder L 20	\$34,932,083
39	True Up TRR without Franchise Fees and Uncollectibles Expense included:	Line 37 + Line 38	\$1,002,872,901

E) Calculation of final True Up TRR with Franchise Fees and Uncollectibles Expenses

<u>Line</u>		<u>Reference:</u>	<u>Change In TO13 TUTRR</u>
40	True Up TRR wo FF: \$1,002,872,901	Line 39	
41	Franchise Fee Factor: 0.921%	28-FFU, L 5	\$1,014,519,565
42	Franchise Fee Expense: \$9,232,147	Line 40 * Line 41	\$1,014,525,809
43	Uncollectibles Expense Factor: 0.241%	28-FFU, L 5	
44	Uncollectibles Expense: \$2,414,517	Line 42 * Line 43	
45	True Up TRR: \$1,014,519,565	L 40 + L 42 + L 44	-\$6,244

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Instructions:

- 1) Use weighted average (by time) of the Return on Equity in effect during the Prior Year in determining the "Cost of Capital Rate" on Line 18 and the "Equity Rate of Return Including Preferred Stock" on Line 22 in the event that the ROE is revised during the Prior Year. In this event, the ROE used in Schedule 1 will differ from the ROE used in this Schedule 4, because the Schedule 1 ROE will be the most recent ROE, whereas the Schedule 4 Cost of Capital Rate and Equity Rate of Return including Com. + Pref. Stock will be based on the weighted-average ROE.

Calculation of weighted average Cost of Capital Rate in Prior Year:

If ROE does not change during year, then attribute all days to Line a "ROE at end of Prior Year" and none to "ROE at start of PY"

	<u>Percentage</u>	<u>Reference:</u>	<u>From</u>	<u>To</u>	<u>Days ROE In Effect</u>
a	ROE at end of Prior Year	9.80% 1-Base TRR L 49	Jan 1, 2017	Dec 31, 2017	365
b	ROE start of Prior Year	9.80% See Line e below			
c				Total days in year:	365
d	Wtd. Avg. ROE in Prior Year	9.80% ((Line a ROE * Line a days) + (Line b ROE * Line b days)) / Total Days in Year			

Commission Decisions approving ROE:

Reference:

- e End of Prior Year
- f Beginning of Prior Year

Percentage Reference:

- | | | |
|---|-----------------------------|---|
| g | Wtd. Cost of Long Term Debt | 1.9908% 1-Base TRR L 50 |
| h | Wtd.Cost of Preferred Stock | 0.4951% 1-Base TRR L 51 |
| i | Wtd.Cost of Common Stock | <u>4.7641%</u> 1-Base TRR L 46 * Line d |
| j | Cost of Capital Rate | 7.2500% Sum of Lines f to h |

Calculation of Equity Rate of Return Including Common and Preferred Stock:

Percentage Reference:

- | | |
|---|-----------------------------|
| k | 5.2592% Sum of Lines g to h |
|---|-----------------------------|

- 2) Beginning with the True Up Adjustment calculation for 2012 utilizing the True Up TRR for 2012, exclude from CWIP recovery the capital cost of facilities that were purchased for the portion of Tehachapi Segment 8 near the Chino Airport, but due to the April 25, 2011 Notice of Presumed Hazard issued to SCE by the FAA are not used in the construction of Tehachapi or in any other CWIP incentive project. Additionally, SCE will permanently exclude from Plant In Service, Rate Base, and transmission rates these capital costs if the facilities are not used in the construction of any SCE transmission project.

Prior Year CWIP and Forecast Period Incremental CWIP by Project

Prior Year CWIP is the amount of Construction Work In Progress for projects that have received Commission approval to include CWIP in Rate Base.

1) Prior Year CWIP, Total and by Project

<u>Line</u>	<u>Month</u>	<u>Year</u>	<u>Monthly Total CWIP</u>	<u>Tehachapi</u>	<u>Devers to Colorado River</u>	<u>South of Kramer</u>	<u>West of Devers</u>	<u>Red Bluff</u>
1	December	2016	\$115,749,706	\$14,915,548	\$0	\$4,204,927	\$69,685,245	\$0
2	January	2017	\$117,194,142	\$15,082,524	\$0	\$4,239,931	\$70,177,660	\$0
3	February	2017	\$119,164,541	\$15,117,127	\$0	\$4,296,863	\$71,031,101	\$0
4	March	2017	\$125,730,091	\$15,123,625	\$0	\$4,400,061	\$73,723,204	\$0
5	April	2017	\$95,419,244	\$15,192,634	\$0	\$4,461,541	\$75,120,416	\$0
6	May	2017	\$82,582,163	\$149,718	\$0	\$4,476,504	\$77,300,754	\$0
7	June	2017	\$84,504,679	\$149,718	\$0	\$4,697,238	\$78,966,264	\$0
8	July	2017	\$85,941,140	\$149,718	\$0	\$4,761,048	\$80,276,384	\$0
9	August	2017	\$89,338,929	\$150,129	\$0	\$4,777,853	\$83,585,450	\$0
10	September	2017	\$91,194,895	\$150,062	\$0	\$4,824,268	\$85,335,965	\$0
11	October	2017	\$91,967,696	\$150,062	\$0	\$4,844,918	\$86,972,716	\$0
12	November	2017	\$134,172,264	\$150,062	\$0	\$4,852,268	\$91,066,687	\$0
13	December	2017	\$150,431,067	\$150,976	\$0	\$4,884,728	\$98,805,812	\$0
14	13 Month Averages:		\$106,414,658	\$5,894,762	\$0	\$4,594,011	\$80,157,512	\$0

<u>Line</u>	<u>Month</u>	<u>Year</u>	<u>Col 7 Whirlwind Substation Expansion</u>	<u>Col 8 Colorado River Substation Expansion</u>	<u>Col 9 Mesa</u>	<u>Col 10 Alberhill</u>	<u>Col 11 ELM Series Caps</u>	<u>Col 12</u>
15	December	2016	\$26,943,987	\$0	\$0	\$0	\$0	
16	January	2017	\$27,694,027	\$0	\$0	\$0	\$0	
17	February	2017	\$28,719,449	\$0	\$0	\$0	\$0	
18	March	2017	\$32,483,202	\$0	\$0	\$0	\$0	
19	April	2017	\$644,653	\$0	\$0	\$0	\$0	
20	May	2017	\$655,187	\$0	\$0	\$0	\$0	
21	June	2017	\$691,460	\$0	\$0	\$0	\$0	
22	July	2017	\$753,990	\$0	\$0	\$0	\$0	
23	August	2017	\$825,497	\$0	\$0	\$0	\$0	
24	September	2017	\$884,600	\$0	\$0	\$0	\$0	
25	October	2017	\$0	\$0	\$0	\$0	\$0	
26	November	2017	\$0	\$0	\$0	\$0	\$0	
27	December	2017	\$0	\$0	\$0	\$0	\$0	
28	13 Month Averages:		\$9,253,542	\$0	\$38,103,246	\$0	\$0	---
				\$0	\$46,589,551	\$0	\$0	
					\$6,514,831	\$0	\$0	

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2) Total Forecast Period CWIP Expenditures (see Note 1)

Line	Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
			Forecast Expenditures	Corporate Overheads	Total CWIP Exp	See Note 2 Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
29	December	2017	---	---	---	---	---	---	\$150,431,067	---
30	January	2018	\$9,351,204	\$701,340	\$10,052,544	\$5,037,315	\$4,098,417	\$70,417	\$155,375,878	\$4,944,811
31	February	2018	\$10,204,202	\$765,315	\$10,969,517	\$1,615,948	\$0	\$121,196	\$164,608,251	\$14,177,184
32	March	2018	\$22,153,491	\$1,661,512	\$23,815,003	\$1,024,177	\$0	\$76,813	\$187,322,264	\$36,891,197
33	April	2018	\$9,357,335	\$701,800	\$10,059,135	\$116,255	\$0	\$8,719	\$197,256,425	\$46,825,358
34	May	2018	\$14,954,818	\$1,121,611	\$16,076,429	\$786,000	\$0	\$58,950	\$212,487,905	\$62,056,838
35	June	2018	\$17,718,219	\$1,328,866	\$19,047,085	\$3,410,370	\$2,447,558	\$72,211	\$228,052,409	\$77,621,342
36	July	2018	\$12,070,760	\$905,307	\$12,976,067	\$548,326	\$0	\$41,124	\$240,439,026	\$90,007,959
37	August	2018	\$16,798,571	\$1,259,893	\$18,058,464	\$297,663	\$0	\$22,325	\$258,177,502	\$107,746,435
38	September	2018	\$13,815,047	\$1,036,129	\$14,851,175	\$349,971	\$0	\$26,248	\$272,652,459	\$122,221,392
39	October	2018	\$24,263,780	\$1,819,783	\$26,083,563	\$77,673	\$0	\$5,825	\$298,652,523	\$148,221,457
40	November	2018	\$22,781,801	\$1,708,635	\$24,490,436	\$47,000	\$0	\$3,525	\$323,092,434	\$172,661,367
41	December	2018	\$27,803,219	\$2,085,241	\$29,888,461	\$20,677,884	\$8,513,638	\$912,318	\$331,390,692	\$180,959,625
42	January	2019	\$10,509,601	\$788,220	\$11,297,821	\$185,930	\$0	\$13,945	\$342,488,638	\$192,057,571
43	February	2019	\$18,429,548	\$1,382,216	\$19,811,764	\$204,643	\$0	\$15,348	\$362,080,411	\$211,649,344
44	March	2019	\$20,210,543	\$1,515,791	\$21,726,333	\$361,034	\$0	\$27,078	\$383,418,633	\$232,987,566
45	April	2019	\$18,395,093	\$1,379,632	\$19,774,725	\$373,816	\$0	\$28,036	\$402,791,506	\$252,360,439
46	May	2019	\$19,070,892	\$1,430,317	\$20,501,209	\$400,431	\$0	\$30,032	\$422,862,252	\$272,431,185
47	June	2019	\$34,328,459	\$2,574,634	\$36,903,093	\$413,213	\$0	\$30,991	\$459,321,141	\$308,890,074
48	July	2019	\$21,416,333	\$1,606,225	\$23,022,558	\$432,387	\$0	\$32,429	\$481,878,883	\$331,447,816
49	August	2019	\$22,238,370	\$1,667,878	\$23,906,247	\$14,427,934	\$8,470,083	\$446,839	\$490,910,357	\$340,479,290
50	September	2019	\$24,775,209	\$1,858,141	\$26,633,350	\$453,078	\$0	\$33,981	\$517,056,647	\$366,625,580
51	October	2019	\$23,310,193	\$2,891,632	\$41,446,725	\$19,987,218	\$9,341,864	\$798,402	\$537,717,752	\$387,286,685
52	November	2019	\$28,594,395	\$2,488,229	\$35,664,615	\$16,531,554	\$6,140,181	\$779,353	\$556,071,460	\$405,640,393
53	December	2019	\$33,982,790	\$2,548,709	\$36,531,499	\$5,786,285	\$2,531,642	\$244,098	\$586,572,577	\$436,141,510
54	13-Month Averages:									\$301,458,237

3) Forecast Period CWIP Expenditures by Project (see Note 1)

3a) Project:

Tehachapi

Line	Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
			Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	= (C4 - C5) * 16-Plnt Add Line 74	= Prior Month C7 + C3 - C4 - C6	= C7 - Dec Prior Year C7
55	December	2017	---	---	---	---	---	---	\$150,976	---
56	January	2018	\$426,481	\$31,986	\$458,467	\$191,116	\$0	\$14,334	\$403,994	\$253,017
57	February	2018	\$659,259	\$49,444	\$708,703	\$891,972	\$0	\$66,898	\$153,827	\$2,851
58	March	2018	\$589,704	\$44,228	\$633,932	\$588,345	\$0	\$44,126	\$155,288	\$4,312
59	April	2018	\$82,255	\$6,169	\$88,424	\$80,255	\$0	\$6,019	\$157,438	\$6,462
60	May	2018	\$788,000	\$59,100	\$847,100	\$786,000	\$0	\$58,950	\$159,588	\$8,612
61	June	2018	\$703,326	\$52,749	\$756,075	\$862,313	\$150,976	\$53,350	\$0	-\$150,976
62	July	2018	\$503,326	\$37,749	\$541,075	\$503,326	\$0	\$37,749	\$0	-\$150,976
63	August	2018	\$252,663	\$18,950	\$271,613	\$252,663	\$0	\$18,950	\$0	-\$150,976
64	September	2018	\$304,971	\$22,873	\$327,844	\$304,971	\$0	\$22,873	\$0	-\$150,976
65	October	2018	\$2,000	\$150	\$2,150	\$2,000	\$0	\$150	\$0	-\$150,976
66	November	2018	\$2,000	\$150	\$2,150	\$2,000	\$0	\$150	\$0	-\$150,976
67	December	2018	\$2,161,291	\$162,097	\$2,323,388	\$2,161,291	\$0	\$162,097	\$0	-\$150,976
68	January	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$150,976
69	February	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$150,976
70	March	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$150,976
71	April	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$150,976
72	May	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$150,976
73	June	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$150,976
74	July	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$150,976
75	August	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$150,976
76	September	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$150,976
77	October	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$150,976
78	November	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$150,976
79	December	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$150,976
80	13-Month Averages:									-\$150,976

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3b) Project:

Devers to Colorado River

Line	Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	
			= C1 * 16-Plnt Add Line 74		= C1 + C2	Unloaded		= (C4 - C5) * 16-Plnt Add Line 74		= Prior Month C7 + C3 - C4 - C6	= C7 - Dec Prior Year C7
			Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP	
81	December	2017	---	---	---	---	---	---	\$0	---	
82	January	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
83	February	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
84	March	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
85	April	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
86	May	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
87	June	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
88	July	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
89	August	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
90	September	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
91	October	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
92	November	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
93	December	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
94	January	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
95	February	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
96	March	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
97	April	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
98	May	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
99	June	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
100	July	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
101	August	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
102	September	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
103	October	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
104	November	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
105	December	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
106	13-Month Averages:										

3c) Project:

South of Kramer

Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
			---		Total Plant Adds	---			---	---
			Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
107	December	2017	---	---	---	---	---	---	\$4,884,728	---
108	January	2018	\$11,515	\$864	\$12,379	\$0	\$0	\$0	\$4,897,107	\$12,379
109	February	2018	\$11,776	\$883	\$12,659	\$0	\$0	\$0	\$4,909,766	\$25,038
110	March	2018	\$11,286	\$846	\$12,132	\$0	\$0	\$0	\$4,921,898	\$37,170
111	April	2018	\$18,380	\$1,379	\$19,759	\$0	\$0	\$0	\$4,941,657	\$56,929
112	May	2018	\$18,380	\$1,379	\$19,759	\$0	\$0	\$0	\$4,961,415	\$76,687
113	June	2018	\$18,380	\$1,379	\$19,759	\$0	\$0	\$0	\$4,981,174	\$96,446
114	July	2018	\$18,380	\$1,379	\$19,759	\$0	\$0	\$0	\$5,000,932	\$116,204
115	August	2018	\$18,380	\$1,379	\$19,759	\$0	\$0	\$0	\$5,020,691	\$135,963
116	September	2018	\$18,380	\$1,379	\$19,759	\$0	\$0	\$0	\$5,040,449	\$155,721
117	October	2018	\$18,380	\$1,379	\$19,759	\$0	\$0	\$0	\$5,060,208	\$175,480
118	November	2018	\$18,380	\$1,379	\$19,759	\$0	\$0	\$0	\$5,079,966	\$195,238
119	December	2018	\$18,383	\$1,379	\$19,762	\$0	\$0	\$0	\$5,099,728	\$215,000
120	January	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,126,603	\$241,875
121	February	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,153,478	\$268,750
122	March	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,180,353	\$295,625
123	April	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,207,228	\$322,500
124	May	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,234,103	\$349,375
125	June	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,260,978	\$376,250
126	July	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,287,853	\$403,125
127	August	2019	\$125,000	\$9,375	\$134,375	\$0	\$0	\$0	\$5,422,228	\$537,500
128	September	2019	\$250,000	\$18,750	\$268,750	\$0	\$0	\$0	\$5,690,978	\$806,250
129	October	2019	\$250,000	\$18,750	\$268,750	\$0	\$0	\$0	\$5,959,728	\$1,075,000
130	November	2019	\$250,000	\$18,750	\$268,750	\$0	\$0	\$0	\$6,228,478	\$1,343,750
131	December	2019	\$545,000	\$40,875	\$585,875	\$0	\$0	\$0	\$6,814,353	\$1,929,625
132	13-Month Averages:									

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3d) Project:

West of Devers		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
Line	Month	Year							
			= C1 * 16-Plnt Add Line 74	= C1 + C2	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
133	December	2017	---	---	---	---	---	\$98,805,812	---
134	January	2018	\$588,167	\$44,113	\$632,280	\$0	\$0	\$99,438,091	\$632,280
135	February	2018	\$2,503,300	\$187,748	\$2,691,048	\$0	\$0	\$102,129,139	\$3,323,327
136	March	2018	\$4,798,387	\$359,879	\$5,158,266	\$0	\$0	\$107,287,405	\$8,481,593
137	April	2018	\$5,648,177	\$423,613	\$6,071,790	\$0	\$0	\$113,359,195	\$14,553,383
138	May	2018	\$5,573,177	\$417,988	\$5,991,165	\$0	\$0	\$119,350,360	\$20,544,549
139	June	2018	\$6,499,929	\$487,495	\$6,987,424	\$2,458,051	\$2,207,009	\$18,828 \$123,860,905	\$25,055,094
140	July	2018	\$5,781,065	\$433,580	\$6,214,645	\$45,000	\$0	\$3,375 \$130,027,175	\$31,221,363
141	August	2018	\$7,660,609	\$574,546	\$8,235,155	\$45,000	\$0	\$3,375 \$138,213,955	\$39,408,143
142	September	2018	\$7,537,297	\$565,297	\$8,102,594	\$45,000	\$0	\$3,375 \$146,268,174	\$47,462,362
143	October	2018	\$18,313,481	\$1,373,511	\$19,686,992	\$75,673	\$0	\$5,675 \$165,873,818	\$67,068,006
144	November	2018	\$19,079,066	\$1,430,930	\$20,509,996	\$45,000	\$0	\$3,375 \$186,335,438	\$87,529,627
145	December	2018	\$20,045,130	\$1,503,385	\$21,548,515	\$18,456,121	\$8,497,680	\$746,883 \$188,680,949	\$89,875,137
146	January	2019	\$4,609,602	\$345,720	\$4,955,322	\$185,000	\$0	\$13,875 \$193,437,396	\$94,631,585
147	February	2019	\$5,236,167	\$392,713	\$5,628,880	\$190,000	\$0	\$14,250 \$198,862,026	\$100,056,214
148	March	2019	\$11,290,424	\$846,782	\$12,137,206	\$340,000	\$0	\$25,500 \$210,633,731	\$111,827,920
149	April	2019	\$12,835,520	\$962,664	\$13,798,184	\$340,000	\$0	\$25,500 \$224,066,415	\$125,260,604
150	May	2019	\$13,428,006	\$1,007,100	\$14,435,106	\$340,000	\$0	\$25,500 \$238,136,022	\$139,330,210
151	June	2019	\$14,204,694	\$1,065,352	\$15,270,046	\$340,000	\$0	\$25,500 \$253,040,568	\$154,234,756
152	July	2019	\$14,472,486	\$1,085,436	\$15,557,922	\$340,000	\$0	\$25,500 \$268,232,990	\$169,427,179
153	August	2019	\$14,642,486	\$1,098,186	\$15,740,672	\$340,000	\$0	\$25,500 \$283,608,163	\$184,802,351
154	September	2019	\$15,213,790	\$1,141,034	\$16,354,824	\$340,000	\$0	\$25,500 \$299,597,487	\$200,791,675
155	October	2019	\$18,580,671	\$1,393,550	\$19,974,221	\$5,706,367	\$3,174,605	\$189,882 \$313,675,460	\$214,869,648
156	November	2019	\$13,761,026	\$1,032,077	\$14,793,103	\$290,000	\$0	\$21,750 \$328,156,813	\$229,351,001
157	December	2019	\$14,863,709	\$1,114,778	\$15,978,487	\$290,000	\$0	\$21,750 \$343,823,550	\$245,017,738
158	13-Month Averages:								\$158,421,232

3e) Project:

Red Bluff		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
Line	Month	Year							
			Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP
159	December	2017	---	---	---	---	---	\$0	---
160	January	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
161	February	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
162	March	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
163	April	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
164	May	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
165	June	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
166	July	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
167	August	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
168	September	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
169	October	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
170	November	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
171	December	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
172	January	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
173	February	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
174	March	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
175	April	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
176	May	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
177	June	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
178	July	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
179	August	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
180	September	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
181	October	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
182	November	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
183	December	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
184	13-Month Averages:								\$0

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3f) Project:

Whirlwind Substation Expansion

Line	Month	Year	Forecast	Corporate	Total	Unload	= (C4 - C5) *	= Prior Month C7	= C7 -
			Expenditures	Overheads					
185	December	2017	---	---	---	---	---	\$0	---
186	January	2018	\$10,309	\$773	\$11,082	\$10,309	\$0	\$0	\$0
187	February	2018	\$6,204	\$465	\$6,669	\$6,204	\$0	\$0	\$0
188	March	2018	\$6,687	\$502	\$7,189	\$6,687	\$0	\$0	\$0
189	April	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
190	May	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
191	June	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
192	July	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
193	August	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
194	September	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
195	October	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
196	November	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
197	December	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0
198	January	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
199	February	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
200	March	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
201	April	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
202	May	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
203	June	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
204	July	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
205	August	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
206	September	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
207	October	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
208	November	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
209	December	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0
210	13-Month Averages:								

3g) Project:

Colorado River Substation Expansion

Line	Month	Year	Forecast	Corporate	Total	Unloaded	Prior Period	Over Heads	Forecast	Forecast Period
			Expenditures	Overheads						
211	December	2017	---	---	---	---	---	---	\$0	---
212	January	2018	\$728	\$55	\$783	\$728	\$0	\$55	\$0	\$0
213	February	2018	\$1,158	\$87	\$1,245	\$1,158	\$0	\$87	\$0	\$0
214	March	2018	\$780	\$59	\$839	\$780	\$0	\$59	\$0	\$0
215	April	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
216	May	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
217	June	2018	\$334	\$25	\$359	\$334	\$0	\$25	\$0	\$0
218	July	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
219	August	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
220	September	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
221	October	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
222	November	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
223	December	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
224	January	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
225	February	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
226	March	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
227	April	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
228	May	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
229	June	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
230	July	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
231	August	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
232	September	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
233	October	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
234	November	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
235	December	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
236	13-Month Averages:									\$0

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3h) Project:

		Mesa									
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP	
237	December	2017	---	---	---	---	---	---	\$46,589,551	---	
238	January	2018	\$6,150,625	\$461,297	\$6,611,922	\$4,835,162	\$4,098,417	\$55,256	\$48,311,055	\$1,721,504	
239	February	2018	\$6,764,842	\$507,363	\$7,272,205	\$716,614	\$0	\$53,746	\$54,812,899	\$8,223,348	
240	March	2018	\$6,728,747	\$504,656	\$7,233,403	\$428,365	\$0	\$32,127	\$61,585,810	\$14,996,259	
241	April	2018	\$2,637,958	\$197,847	\$2,835,805	\$36,000	\$0	\$2,700	\$64,382,915	\$17,793,364	
242	May	2018	\$7,602,991	\$570,224	\$8,173,216	\$0	\$0	\$0	\$72,556,131	\$25,966,580	
243	June	2018	\$9,514,013	\$713,551	\$10,227,564	\$0	\$0	\$0	\$82,783,695	\$36,194,144	
244	July	2018	\$4,760,538	\$357,040	\$5,117,579	\$0	\$0	\$0	\$87,901,274	\$41,311,723	
245	August	2018	\$7,813,915	\$586,044	\$8,399,959	\$0	\$0	\$0	\$96,301,232	\$49,711,681	
246	September	2018	\$4,860,922	\$364,569	\$5,225,491	\$0	\$0	\$0	\$101,526,724	\$54,937,173	
247	October	2018	\$5,232,286	\$392,421	\$5,624,708	\$0	\$0	\$0	\$107,151,431	\$60,561,880	
248	November	2018	\$3,062,453	\$229,684	\$3,292,137	\$0	\$0	\$0	\$110,443,568	\$63,854,017	
249	December	2018	\$4,668,878	\$350,166	\$5,019,044	\$23,755	\$0	\$1,782	\$115,437,076	\$68,847,525	
250	January	2019	\$5,133,736	\$385,030	\$5,518,766	\$0	\$0	\$0	\$120,955,842	\$74,366,291	
251	February	2019	\$11,785,380	\$883,903	\$12,669,283	\$0	\$0	\$0	\$133,625,125	\$87,035,574	
252	March	2019	\$7,424,715	\$556,854	\$7,981,568	\$0	\$0	\$0	\$141,606,693	\$95,017,142	
253	April	2019	\$4,022,697	\$301,702	\$4,324,399	\$0	\$0	\$0	\$145,931,092	\$99,341,541	
254	May	2019	\$3,957,356	\$296,802	\$4,254,158	\$0	\$0	\$0	\$150,185,250	\$103,595,699	
255	June	2019	\$4,386,911	\$329,018	\$4,715,929	\$0	\$0	\$0	\$154,901,179	\$108,311,628	
256	July	2019	\$5,763,632	\$432,272	\$6,195,905	\$0	\$0	\$0	\$161,097,084	\$114,507,533	
257	August	2019	\$6,352,933	\$476,470	\$6,829,403	\$0	\$0	\$0	\$167,926,487	\$121,336,936	
258	September	2019	\$8,352,169	\$626,413	\$8,978,581	\$0	\$0	\$0	\$176,905,068	\$130,315,517	
259	October	2019	\$3,995,870	\$299,690	\$4,295,560	\$0	\$0	\$0	\$181,200,628	\$134,611,077	
260	November	2019	\$14,262,524	\$1,069,689	\$15,332,214	\$0	\$0	\$0	\$196,532,842	\$149,943,291	
261	December	2019	\$9,312,568	\$698,443	\$10,011,010	\$4,179,168	\$2,531,642	\$123,564	\$202,241,119	\$155,651,568	
262	13-Month Averages:									\$110,990,871	

3i) Project:

		Alberhill									
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP	
263	December	2017	---	---	---	---	---	---	\$0	---	
264	January	2018	\$15,725	\$1,179	\$16,904	\$0	\$0	\$0	\$16,904	\$16,904	
265	February	2018	\$39,608	\$2,971	\$42,579	\$0	\$0	\$0	\$59,483	\$59,483	
266	March	2018	\$43,160	\$3,237	\$46,397	\$0	\$0	\$0	\$105,880	\$105,880	
267	April	2018	\$116,635	\$8,748	\$125,383	\$0	\$0	\$0	\$231,262	\$231,262	
268	May	2018	\$89,340	\$6,700	\$96,040	\$0	\$0	\$0	\$327,303	\$327,303	
269	June	2018	\$86,306	\$6,473	\$92,779	\$89,672	\$89,573	\$7	\$330,403	\$330,403	
270	July	2018	\$126,591	\$9,494	\$136,085	\$0	\$0	\$0	\$466,488	\$466,488	
271	August	2018	\$170,144	\$12,761	\$182,905	\$0	\$0	\$0	\$649,393	\$649,393	
272	September	2018	\$147,617	\$11,071	\$158,688	\$0	\$0	\$0	\$808,081	\$808,081	
273	October	2018	\$98,843	\$7,413	\$106,256	\$0	\$0	\$0	\$914,337	\$914,337	
274	November	2018	\$315,182	\$23,639	\$338,821	\$0	\$0	\$0	\$1,253,157	\$1,253,157	
275	December	2018	\$63,376	\$4,753	\$68,129	\$0	\$0	\$0	\$1,321,286	\$1,321,286	
276	January	2019	\$273,333	\$20,500	\$293,833	\$0	\$0	\$0	\$1,615,119	\$1,615,119	
277	February	2019	\$108,141	\$8,111	\$116,252	\$12,783	\$0	\$959	\$1,717,630	\$1,717,630	
278	March	2019	\$189,544	\$14,216	\$203,760	\$19,174	\$0	\$1,438	\$1,900,777	\$1,900,777	
279	April	2019	\$243,017	\$18,226	\$261,243	\$31,956	\$0	\$2,397	\$2,127,667	\$2,127,667	
280	May	2019	\$323,230	\$24,242	\$347,472	\$51,131	\$0	\$3,835	\$2,420,174	\$2,420,174	
281	June	2019	\$376,704	\$28,253	\$404,957	\$63,913	\$0	\$4,793	\$2,756,424	\$2,756,424	
282	July	2019	\$456,915	\$34,269	\$491,183	\$83,087	\$0	\$6,232	\$3,158,289	\$3,158,289	
283	August	2019	\$483,650	\$36,274	\$519,924	\$89,478	\$0	\$6,711	\$3,582,024	\$3,582,024	
284	September	2019	\$483,650	\$36,274	\$519,924	\$89,478	\$0	\$6,711	\$4,005,759	\$4,005,759	
285	October	2019	\$483,652	\$36,274	\$519,926	\$89,478	\$0	\$6,711	\$4,429,495	\$4,429,495	
286	November	2019	\$320,845	\$24,063	\$344,908	\$76,696	\$0	\$5,752	\$4,691,956	\$4,691,956	
287	December	2019	\$4,917,683	\$368,826	\$5,286,510	\$31,956	\$0	\$2,397	\$9,944,112	\$9,944,112	
288	13-Month Averages:									\$3,359,286	

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3j) Project:

ELM Series Capacitors

Line	Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
			= C1 * 16-Plnt Add Line 74		= C1 + C2	Unloaded Total Plant Adds		= (C4 - C5) * 16-Plnt Add Line 74		= C7 - Dec Prior Year C7
			Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP	
289	December	2017	---	---	---	---	---	\$0	\$0	---
290	January	2018	\$2,147,654	\$161,074	\$2,308,728	\$0	\$0	\$2,308,728	\$2,308,728	
291	February	2018	\$218,055	\$16,354	\$234,409	\$0	\$0	\$0	\$2,543,137	\$2,543,137
292	March	2018	\$9,974,740	\$748,106	\$10,722,846	\$0	\$0	\$0	\$13,265,983	\$13,265,983
293	April	2018	\$853,930	\$64,045	\$917,975	\$0	\$0	\$0	\$14,183,958	\$14,183,958
294	May	2018	\$882,930	\$66,220	\$949,150	\$0	\$0	\$0	\$15,133,108	\$15,133,108
295	June	2018	\$895,930	\$67,195	\$963,125	\$0	\$0	\$0	\$16,096,232	\$16,096,232
296	July	2018	\$880,860	\$66,065	\$946,925	\$0	\$0	\$0	\$17,043,157	\$17,043,157
297	August	2018	\$882,860	\$66,215	\$949,075	\$0	\$0	\$0	\$17,992,231	\$17,992,231
298	September	2018	\$945,860	\$70,940	\$1,016,800	\$0	\$0	\$0	\$19,009,031	\$19,009,031
299	October	2018	\$598,790	\$44,909	\$643,699	\$0	\$0	\$0	\$19,652,730	\$19,652,730
300	November	2018	\$304,720	\$22,854	\$327,574	\$0	\$0	\$0	\$19,980,304	\$19,980,304
301	December	2018	\$846,161	\$63,462	\$909,623	\$36,717	\$15,958	\$1,557	\$20,851,653	\$20,851,653
302	January	2019	\$467,930	\$35,095	\$503,025	\$930	\$0	\$70	\$21,353,678	\$21,353,678
303	February	2019	\$1,274,860	\$95,615	\$1,370,475	\$1,860	\$0	\$140	\$22,722,153	\$22,722,153
304	March	2019	\$1,280,860	\$96,065	\$1,376,925	\$1,860	\$0	\$140	\$24,097,078	\$24,097,078
305	April	2019	\$1,268,860	\$95,165	\$1,364,025	\$1,860	\$0	\$140	\$25,459,103	\$25,459,103
306	May	2019	\$1,337,300	\$100,298	\$1,437,598	\$9,300	\$0	\$698	\$26,886,703	\$26,886,703
307	June	2019	\$15,335,150	\$1,150,136	\$16,485,286	\$9,300	\$0	\$698	\$43,361,992	\$43,361,992
308	July	2019	\$698,300	\$52,373	\$750,673	\$9,300	\$0	\$698	\$44,102,667	\$44,102,667
309	August	2019	\$634,300	\$47,573	\$681,873	\$13,998,456	\$8,470,083	\$414,628	\$30,371,455	\$30,371,455
310	September	2019	\$475,600	\$35,670	\$511,270	\$23,600	\$0	\$1,770	\$30,857,355	\$30,857,355
311	October	2019	\$15,244,900	\$1,143,368	\$16,388,268	\$14,191,373	\$6,167,259	\$601,809	\$32,452,441	\$32,452,441
312	November	2019	\$4,581,991	\$343,649	\$4,925,640	\$16,164,858	\$6,140,181	\$751,851	\$20,461,372	\$20,461,372
313	December	2019	\$4,343,830	\$325,787	\$4,669,617	\$1,285,160	\$0	\$96,387	\$23,749,443	\$23,749,443
314	13-Month Averages:									\$28,209,776

3k) Project:

add additional projects below this line (See Instruction 3)

Line	Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
			= C1 * 16-Plnt Add Line 74		= C1 + C2	Unloaded Total Plant Adds		= (C4 - C5) * 16-Plnt Add Line 74		= C7 - Dec Prior Year C7
			Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP	
315	December	2017	---	---	---	---	---	\$0	\$0	---
316	January	2018	\$0	\$0	\$0	---	---	\$0	\$0	\$0
317	February	2018	\$0	\$0	\$0	---	---	\$0	\$0	\$0
318	March	2018	\$0	\$0	\$0	---	---	\$0	\$0	\$0
319	April	2018	\$0	\$0	\$0	---	---	\$0	\$0	\$0
320	May	2018	\$0	\$0	\$0	---	---	\$0	\$0	\$0
321	June	2018	\$0	\$0	\$0	---	---	\$0	\$0	\$0
322	July	2018	\$0	\$0	\$0	---	---	\$0	\$0	\$0
323	August	2018	\$0	\$0	\$0	---	---	\$0	\$0	\$0
324	September	2018	\$0	\$0	\$0	---	---	\$0	\$0	\$0
325	October	2018	\$0	\$0	\$0	---	---	\$0	\$0	\$0
326	November	2018	\$0	\$0	\$0	---	---	\$0	\$0	\$0
327	December	2018	\$0	\$0	\$0	---	---	\$0	\$0	\$0
328	January	2019	\$0	\$0	\$0	---	---	\$0	\$0	\$0
329	February	2019	\$0	\$0	\$0	---	---	\$0	\$0	\$0
330	March	2019	\$0	\$0	\$0	---	---	\$0	\$0	\$0
331	April	2019	\$0	\$0	\$0	---	---	\$0	\$0	\$0
332	May	2019	\$0	\$0	\$0	---	---	\$0	\$0	\$0
333	June	2019	\$0	\$0	\$0	---	---	\$0	\$0	\$0
334	July	2019	\$0	\$0	\$0	---	---	\$0	\$0	\$0
335	August	2019	\$0	\$0	\$0	---	---	\$0	\$0	\$0
336	September	2019	\$0	\$0	\$0	---	---	\$0	\$0	\$0
337	October	2019	\$0	\$0	\$0	---	---	\$0	\$0	\$0

Schedule 10
CWIP
(Revised 2017 True Up TRR)

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338 November	2019	\$0	\$0	\$0	\$0	\$0
339 December	2019	\$0	\$0	\$0	\$0	\$0

Notes:

- 1) Forecast Period is the calendar year two years after the Prior Year (i.e., PY+2).
- 2) Sum of project specific values from lines 55-79, 81-105, 107-131, 133-157, 159-183, 185-209, 211-235, 237-261, 263-287, 289-313,...

Instructions:

- 1) Enter recorded amounts of CWIP during Prior Year on Lines 1-13, 15-27 (including December of year previous to Prior Year).
- 2) Enter forecast project specific values on lines 55-79, 81-105, 107-131, 133-157, 159-183, 185-209, 211-235, 237-261, 263-287, 289-313,...
- 3) If Commission approval is granted to include CWIP in Rate Base for additional projects, include additional tables for each of those additional projects.

Schedule 20
Administrative and General Expenses
(Revised 2017 True Up TRR)

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Calculation of Administrative and General Expense

Line	Acct.	Description	Inputs are shaded yellow			
			FERC Form 1 Amount	Data Source	Col 3 See Note 1 Total Amount	Col 4
1	920	A&G Salaries	\$354,859,044	FF1 323.181b	\$69,867,001	\$284,992,043
2	921	Office Supplies and Expenses	\$249,803,334	FF1 323.182b	\$5,868,285	\$243,935,049
3	922	A&G Expenses Transferred	-\$145,897,634	FF1 323.183b	-\$48,972,720	-\$96,924,914
4	923	Outside Services Employed	\$54,121,017	FF1 323.184b	\$7,741,758	\$46,379,259
5	924	Property Insurance	\$14,497,978	FF1 323.185b	\$0	\$14,497,978
6	925	Injuries and Damages	\$117,581,984	FF1 323.186b	-\$694,137	\$118,276,121
7	926	Employee Pensions and Benefits	\$142,806,958	FF1 323.187b	-\$15,693,853	\$158,500,811
8	927	Franchise Requirements	\$110,632,750	FF1 323.188b	\$110,632,750	\$0
9	928	Regulatory Commission Expenses	\$16,012,736	FF1 323.189b	\$17,351,998	-\$1,339,262
10	929	Duplicate Charges	\$0	FF1 323.190b	\$0	\$0
11	930.1	General Advertising Expense	\$5,718,074	FF1 323.191b	\$0	\$5,718,074
12	930.2	Miscellaneous General Expense	\$34,422,373	FF1 323.192b	\$24,004,996	\$10,417,377
13	931	Rents	\$6,627,867	FF1 323.193b	\$11,411,119	-\$4,783,252
14	935	Maintenance of General Plant	\$13,296,044	FF1 323.196b	\$697,671	\$12,598,373
15			\$974,482,525	Total A&G Expenses:	\$792,267,658	

	Amount	Source
16	Remaining A&G after exclusions & NOIC Adjustment:	\$792,267,658
17	Less Account 924:	\$14,497,978
18	Amount to apply the Transmission W&S AF:	\$777,769,680
19	Transmission Wages and Salaries Allocation Factor:	5.6290%
20	Transmission W&S AF Portion of A&G:	\$43,780,821
21	Transmission Plant Allocation Factor:	19.1115%
22	Property Insurance portion of A&G:	\$2,770,777
23	Administrative and General Expenses:	\$46,551,598

Line 15
Line 5
Line 16 - Line 17
27-Allocators, Line 9
Line 18 * Line 19
27-Allocators, Line 22
Line 5 Col 4 * Line 21
Line 20 + Line 22

Changed from \$7,684,282 to
\$7,741,758 due to removal of outside
counsel cost related to employment
litigation or arbitration matters which
should have been excluded.

Note 1: Itemization of exclusions

Acct.	Total Amount Excluded (Sum of Col 1 to Col 4)	Col 1 Shareholder Exclusions or Other Adjustments	Col 2 Franchise Requirements	Col 3 NOIC	Col 4 PBOPs	Notes
24	\$69,867,001	-\$11,516,850		\$81,383,851		See Instructions 2b, 3, and Note 2
25	\$5,868,285	\$5,868,285		\$0		
26	-\$48,972,720	-\$7,655,813		-\$41,316,907		
27	\$7,741,758	\$7,741,758		\$0		
28	\$0	\$0		\$0		
29	-\$694,137	-\$694,137		\$0		
30	-\$15,693,853	\$19,430,853		\$0	-\$35,124,706	See Note 3
31	\$110,632,750	\$0	\$110,632,750	\$0	\$0	See Note 4
32	\$17,351,998	\$17,351,998		\$0		
33	\$0	\$0		\$0		
34	\$0	\$0		\$0		
35	\$24,004,996	\$24,004,996		\$0		
36	\$11,411,119	\$11,411,119		\$0		
37	\$697,671	\$697,671		\$0		

Schedule 20
Administrative and General Expenses
(Revised 2017 True Up TRR)

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Note 2: Non-Officer Incentive Compensation ("NOIC") Adjustment

(NOIC includes Results Sharing, Management Incentive Program, and Non-Officer Executive Incentive Compensation).
Adjust NOIC by excluding accrued NOIC Amount and replacing with the actual non-capitalized A&G NOIC payout.

	<u>Amount</u>	<u>Source</u>
a	Accrued NOIC Amount: \$103,811,325	SCE Records
b	Actual A&G NOIC payout: \$22,427,473	Note 2, d
c	Adjustment: \$81,383,851	

Actual non-capitalized NOIC Payouts:

	<u>Department</u>	<u>Amount</u>	<u>Source</u>
d	A&G	\$22,427,473	SCE Records and Workpapers
e	Other	\$10,140,103	SCE Records and Workpapers
f	Trans. And Dist. Business Unit	\$33,565,145	SCE Records and Workpapers
g	Total:	\$66,132,721	Sum of d to f

Note 3: PBOPs Exclusion Calculation

	<u>Amount</u>	<u>Note:</u>
a	Authorized PBOPs expense amount: \$40,171,333	See instruction #4
b	Prior Year FF1 PBOPs expense: \$5,046,627	SCE Records
c	PBOPs Expense Exclusion: -\$35,124,706	b - a

Note 4:

Amount in Line 31, column 2 equals amount in Line 8, column 1 because all Franchise Requirements Expenses are excluded
Franchise Fees Expenses component of the Prior Year TRR are based on Franchise Fee Factors.

Schedule 20
Administrative and General Expenses
(Revised 2017 True Up TRR)

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WP-Schedule 3-One Time Adj Prior Period
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Instructions:

- 1) Enter amounts of A&G expenses from FERC Form 1 in Lines 1 to 14.
- 2) Fill out "Itemization of Exclusions" table for all input cells. NOIC amount in Column 3, Line 24 is calculated in Note 2. The PBOPs exclusion in Column 4, Line 30 is calculated in Note 3.
 - a) Exclude amount of any Shareholder Adjustments, costs incurred on behalf of SCE shareholders, from relevant account in Column 1.
 - b) Include as an adjustment in Column 1 for Account 920 any amount excluded from Accounts 569.100, 569.200, and 569.300 in Schedule 19 (OandM) related to Order 668 costs transferred.
 - c) Exclude entire amount of account 927 "Franchise Requirements" in Column 2, as those costs are recovered through the Franchise Fees Expense item.
 - d) Exclude any amount of Account 930.1 "General Advertising Expense" not related to advertising for safety, siting, or informational purposes in column 1.
 - e) Exclude any amount of expense relating to secondary land use and audit expenses not directly benefitting utility customers.
 - f) Exclude from account 930.2:
 - 1) Nuclear Power Research Expenses.
 - 2) Write Off of Abandoned Project Expenses.
 - 3) Any advertising expenses within the Consultants/Professional Services category.
 - g) Exclude the following costs included in any account 920-935:
 - 1) Any amount of "Provision for Doubtful Accounts" costs.
 - 2) Any amount of "Accounting Suspense" costs.
 - 3) Any penalties of fines.
 - 4) Any amount of costs recovered 100% through California Public Utilities Commission ("CPUC") rates.
 - h) Exclude the following amounts of employee incentive compensation from any account 920-935:
 - 1) Any Long Term Incentive Compensation ("LTI") costs.
 - 2) Beginning with Prior Year 2012, any amount of Officer Executive Incentive Compensation ("OEIC") in excess of the amount authorized by the CPUC in Decision D.12-11-051 or subsequent decision.
 - 3) Beginning with Prior Year 2012, any amount of Supplemental Executive Retirement Plan ("SERP") in excess of the amount authorized by the CPUC in Decision D.12-11-051 or subsequent decision.
 - 4) Beginning with Prior Year 2012, any amount of NOIC in excess of the amount authorized by the CPUC in Decision D.12-11-051 or subsequent decision.
 - 5) Any Spot Bonus costs.
 - 6) Any Awards to Celebrate Excellence ("ACE") costs.
- 3) NOIC adjustment in Column 3, Line 24 is made by determining the difference between the total accrued NOIC amount included in the FERC Form 1 recorded cost amounts and the actual A&G NOIC payout (see note 2). NOIC adjustment in column 3, Line 26 is made by entering the amount of accrued NOIC that is capitalized.
- 4) Determine the PBOPs exclusion. The authorized amount of PBOPs expense (line a) may only be revised pursuant to Commission acceptance of an SCE FPA Section 205 filing to revise the authorized PBOPs expense, in accordance with the tariff protocols. Accordingly, any amount different than the authorized PBOPs expense is excluded from account 926 (see note 3). Docket or Decision approving authorized PBOPs amount: ER16-2433
- 5) SCE shall make no adjustments to recorded labor amounts related to non-labor labor and/or Indirect labor in Schedule 20.

SCHEDULE 3

ONE TIME ADJUSTMENT TRANSITION

WORKPAPERS

Total One Time Adjustment for proposed Formula Rate to reflect:

- 1) End of Year 2017 Undercollection
- 2) Second Formula Rate 2018 True Up TRR relative to proposed Formula Rate 2018 TUTRR

One Time Adjustments:

End of Year 2017 Undercollection:	-\$98,407,948	See TO2019 Filing, Schedule 3, Line 23, Column 9
True Up TRR Adjustment:	-\$32,801,312	See "One Time Adjust for TUTRR" sheet

The Adjustments will appear as follows in TO2020 Draft Annual Update Schedule 3:

<u>Line</u>	<u>Month</u>	<u>Year</u>	<u>Col 1</u>	<u>Col 4</u>
			C1 -C2 not shown	Revenue In Previous
11	December	2017	---	-\$98,407,948
12	January	2018	---	
13	February	2018	---	
14	March	2018	---	
15	April	2018	---	
16	May	2018	---	
17	June	2018	---	
18	July	2018	---	
19	August	2018	---	
20	September	2018	---	
21	October	2018	---	
22	November	2018	---	
23	December	2018	---	-\$32,801,312

← From TO2019 Filing, Line 23, Col. 9 pursuant to Note 4:
Note 4: "Enter "Shortfall or Excess Revenue in Previous Annual Update" on Line 11, or other appropriate (from Previous Annual Update, Line 23, Column 9)."

← From "One Time Adjust for TUTRR" Worksheet

**Workpaper to Calculate One Time Adjustment to adjust for the difference between the True Up TRR
in the New Formula Rate as compared to the True Up TRR in the Second Formula Rate (TO2020 compared to TO2018)**

Annual True Up TRRs for Year: 2018

TO2020 TUTRR: \$1,110,576,731

TO2018 Second Formula Rate TUTRR: \$1,078,540,190

Monthly True Up TRRs for the New Formula Rate and the Original Formula Rate:

Line	Month	Year	New	Original	Relative to	Monthly	Interest	Interest	Interest	Cumulative	Under (+) or	Over (-)	Statement	Statement	Interest	Interest	Cumulative
			Formula Rate	Formula Rate	Original Formula	Rate	Interest for Current Month	for Current Month	for Current Month	of TUTRR	Under (+) or	Over (-)	Statement	Statement	for Current Month	with Interest for Current Month	Under (+) or
1	December	2017	---	---	---	0.35%	---	---	---	-\$2,669,712	Under (+)	Over (-)	Statement of TUTRR in TO2019	Monthly Interest of TUTRR	Interest for Current Month	Interest with Interest for Current Month	Cumulative Under (+) or Over (-) Statement of TUTRR
2	January	2018	\$92,548,061	\$89,878,349	-\$2,669,712	0.35%	-\$2,669,712	-\$2,669,712	-\$2,669,712	-\$4,672	Under (+)	Over (-)	Statement of TUTRR in TO2019	Monthly Interest of TUTRR	Interest for Current Month	Interest with Interest for Current Month	Cumulative Under (+) or Over (-) Statement of TUTRR
3	February	2018	\$92,548,061	\$89,878,349	-\$2,669,712	0.35%	-\$5,344,095	-\$5,344,095	-\$5,344,095	-\$14,032	Under (+)	Over (-)	Statement of TUTRR in TO2019	Monthly Interest of TUTRR	Interest for Current Month	Interest with Interest for Current Month	Cumulative Under (+) or Over (-) Statement of TUTRR
4	March	2018	\$92,548,061	\$89,878,349	-\$2,669,712	0.35%	-\$8,027,840	-\$8,027,840	-\$8,027,840	-\$23,425	Under (+)	Over (-)	Statement of TUTRR in TO2019	Monthly Interest of TUTRR	Interest for Current Month	Interest with Interest for Current Month	Cumulative Under (+) or Over (-) Statement of TUTRR
5	April	2018	\$92,548,061	\$89,878,349	-\$2,669,712	0.37%	-\$10,720,977	-\$10,720,977	-\$10,720,977	-\$34,729	Under (+)	Over (-)	Statement of TUTRR in TO2019	Monthly Interest of TUTRR	Interest for Current Month	Interest with Interest for Current Month	Cumulative Under (+) or Over (-) Statement of TUTRR
6	May	2018	\$92,548,061	\$89,878,349	-\$2,669,712	0.37%	-\$13,425,417	-\$13,425,417	-\$13,425,417	-\$44,735	Under (+)	Over (-)	Statement of TUTRR in TO2019	Monthly Interest of TUTRR	Interest for Current Month	Interest with Interest for Current Month	Cumulative Under (+) or Over (-) Statement of TUTRR
7	June	2018	\$92,548,061	\$89,878,349	-\$2,669,712	0.37%	-\$16,139,864	-\$16,139,864	-\$16,139,864	-\$54,779	Under (+)	Over (-)	Statement of TUTRR in TO2019	Monthly Interest of TUTRR	Interest for Current Month	Interest with Interest for Current Month	Cumulative Under (+) or Over (-) Statement of TUTRR
8	July	2018	\$92,548,061	\$89,878,349	-\$2,669,712	0.39%	-\$18,864,354	-\$18,864,354	-\$18,864,354	-\$68,365	Under (+)	Over (-)	Statement of TUTRR in TO2019	Monthly Interest of TUTRR	Interest for Current Month	Interest with Interest for Current Month	Cumulative Under (+) or Over (-) Statement of TUTRR
9	August	2018	\$92,548,061	\$89,878,349	-\$2,669,712	0.39%	-\$21,602,431	-\$21,602,431	-\$21,602,431	-\$79,044	Under (+)	Over (-)	Statement of TUTRR in TO2019	Monthly Interest of TUTRR	Interest for Current Month	Interest with Interest for Current Month	Cumulative Under (+) or Over (-) Statement of TUTRR
10	September	2018	\$92,548,061	\$89,878,349	-\$2,669,712	0.39%	-\$24,351,186	-\$24,351,186	-\$24,351,186	-\$89,764	Under (+)	Over (-)	Statement of TUTRR in TO2019	Monthly Interest of TUTRR	Interest for Current Month	Interest with Interest for Current Month	Cumulative Under (+) or Over (-) Statement of TUTRR
11	October	2018	\$92,548,061	\$89,878,349	-\$2,669,712	0.41%	-\$27,110,662	-\$27,110,662	-\$27,110,662	-\$105,681	Under (+)	Over (-)	Statement of TUTRR in TO2019	Monthly Interest of TUTRR	Interest for Current Month	Interest with Interest for Current Month	Cumulative Under (+) or Over (-) Statement of TUTRR
12	November	2018	\$92,548,061	\$89,878,349	-\$2,669,712	0.41%	-\$29,886,054	-\$29,886,054	-\$29,886,054	-\$117,060	Under (+)	Over (-)	Statement of TUTRR in TO2019	Monthly Interest of TUTRR	Interest for Current Month	Interest with Interest for Current Month	Cumulative Under (+) or Over (-) Statement of TUTRR
13	December	2018	<u>\$92,548,061</u>	<u>\$89,878,349</u>	<u>-\$2,669,712</u>	<u>0.41%</u>	<u>-\$32,672,826</u>	<u>-\$32,672,826</u>	<u>-\$32,672,826</u>	<u>-\$128,486</u>	<u>Under (+)</u>	<u>Over (-)</u>	<u>Statement of TUTRR in TO2019</u>	<u>Monthly Interest of TUTRR</u>	<u>Interest for Current Month</u>	<u>Interest with Interest for Current Month</u>	<u>Cumulative Under (+) or Over (-) Statement of TUTRR</u>
Total:			\$1,110,576,731	\$1,078,540,190	-\$32,036,541												

↑
One Time Adjustment

Notes:

- 1) The purpose of this workpaper is to calculate a One Time Adjustment that will ensure that SCE recovers a True Up TRR for the years 2016 and 2017 based on the Original Formula Rate. This is necessary to reflect the termination date of the Original Formula Rate of December 31, 2017 (see Original Formula Rate Protocols, Section 2).
- 2) The One Time Adjustment amount calculated in this workpaper (Line 13, Column 7) is to be inserted in Schedule 3 of the TO2019 Annual Update.
- 3) Monthly Interest Rates for year are as shown in Schedule 3, Lines 12-23, Column 6.
- 4) The amount on this workpaper Line 13, Column 7, is entered as a One Time Adjustment in the Annual Update Schedule 3 True Up Adjustment line corresponding to the same month (Line 23, Column 4).
- 5) Interest for current month is calculated as: Average of Col 5 and Col 7 for previous month times interest rate in Column 4.

SCHEDULE 6

PRIOR YEAR CORPORATE OVERHEAD EXPENSES

WORKPAPERS

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
3138	24,212,727	639,802	1,147,215	3,021,907
CET-OT-OT-ME	24,212,727	639,802	1,147,215	3,021,907
900250937	20,500,083	590,776	1,125,575	2,970,235
901288253				
901822281	(5,137)	(798)		
901950559	3,151	1		
901994578	787,298	334		
901994846	1,344,876	33,390		
902041380	340,103	6,883		
902063083	1,191,537	8,792	21,642	51,519
902235837	50,816	424	(1)	153
3362	(12,589,758)	(197,506)	(72,883)	(168,318)
CET-PD-CI-CI	(16,086,769)	(194,974)	(72,881)	(168,310)
700074	324,454	-		
701681	(16,411,223)	(194,974)	(72,881)	(168,310)
703521				
CET-PD-OT-SP	3,497,011	(2,532)	(2)	(8)
700375	7,527,127	-		
701680	(4,030,333)	(2,540)	(2)	(8)
901189685	(0)	-	0	(0)
901189686	-	-		
901189687	(0)	-		
901315768	(0)	-		
901530198	2	0		
901564457	215	7		
CET-PD-OT-TP	-	-	-	-
703481	-	-		
703483	-	-		
3363	6,353,502	213,518	(16,400)	13,030
CET-PD-BM-SU	(2,196,519)	401,934	10,173	32,399
800437899	0	-		
900676133	(13,443)	(1,480)	(178)	(402)
900869349	-	-		
901213646	1	0		
901355553	(16,590)	(2,450)	-	-
901358395	-	-		
901368865	-	-		
901395484	-	-		
901396881	-	-		
901473541	-	-		
901474139	0	-		
901564647	(0)	-		
901587857	-	-		
901597260	-	-		
901602314	0	-		
901603956	-	-		
901609962	208	106	-	-
901627986	-	-		
901641471	-	-		
901641472	-	-		
901647301	-	-		
901661210	-	-		
901663519	-	-		
901664840	-	-		
901668404	-	-		
901719388	-	-		
901744632	2,224	270	-	-
901744868	-	-		
901745174	(11,672)	(1,046)	-	-
901755619	(976)	0	(244)	(732)
901766988	-	-		
901767221	-	-		
901767224	-	-		
901771134	-	-		
901772359	0	-		

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
901795932	6,174	463	27	70
901808057	-	-	-	-
901815705	-	-	-	-
901821668	-	-	-	-
901822449	(3,521)	(16,050)	6	19
901826126	0	-	-	-
901826129	0	-	-	-
901826566	-	-	-	-
901826767	-	-	-	-
901840566	(183,540)	(7,663)	86	303
901840598	-	-	-	-
901848581	0	-	-	-
901861313	0	-	-	-
901863010	-	-	-	-
901863138	-	-	-	-
901863675	-	-	-	-
901863824	-	-	-	-
901866994	-	-	-	-
901867124	-	-	-	-
901867880	-	-	-	-
901867924	14,762	4,005	24	71
901871397	0	-	-	-
901875426	-	-	-	-
901881150	(0)	-	-	-
901881447	-	-	-	-
901881660	-	-	-	-
901883971	0	-	-	-
901884906	-	-	-	-
901886133	0	0	-	-
901886546	0	0	-	-
901887563	-	-	-	-
901889087	0	-	-	-
901889736	-	-	-	-
901903619	0	-	-	-
901904976	-	-	-	-
901905085	-	-	-	-
901905132	189	8	-	-
901905133	0	-	-	-
901905374	0	-	-	-
901906001	0	-	-	-
901908605	-	-	-	-
901909300	0	0	-	-
901914158	(1,935)	(57)	-	-
901914661	-	-	-	-
901916662	-	-	-	-
901919400	0	-	-	-
901919696	0	-	-	-
901919901	-	-	-	-
901919986	-	-	-	-
901932859	-	-	-	-
901933064	0	-	-	-
901933068	0	-	-	-
901933165	0	-	-	-
901933175	(9,623)	(2,128)	-	-
901933884	0	-	-	-
901933886	-	-	-	-
901933939	0	-	-	-
901933941	0	-	-	-
901943485	142,538	35,119	3,032	7,852
901951381	229,680	53,184	2,754	7,549
901966200	0	-	-	-
901971520	0	-	-	-
901971521	-	-	-	-
901982954	(22,668)	-	-	-
901987116	-	-	-	-
902002358	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
902002505	0	-	-	-
902022330	(768)	(266)	(0)	(1)
902027934	277	123	-	-
902037008	0	-	-	-
902039872	0	-	-	-
902039876	0	0	-	-
902041268	(6,511)	(743)	3	11
902041270	(8,428)	(963)	8	27
902046220	14	-	3	11
902046718	0	-	-	-
902056972	0	-	-	-
902058168	0	-	-	-
902062759	(5,826)	(307)	-	-
902062762	(4,699)	(360)	3	11
902062763	(1,393)	(120)	-	-
902067076	0	-	-	-
902067692	12,644	799	142	387
902067884	48,951	7,284	109	233
902072612	(22,668)	-	-	-
902084990	(7,692)	(752)	7	24
902088978	0	-	-	-
902090113	29,054	1,294	27	87
902098668	1	0	-	-
902099359	(42,164)	-	-	-
902100293	(43,946)	-	-	-
902100320	8,888	6,123	19	48
902100462	(22,668)	-	-	-
902104969	0	-	-	-
902109141	(6,524)	(297)	-	-
902109616	(25,508)	-	-	-
902109618	(31,651)	-	-	-
902109967	(22,668)	-	-	-
902110032	13	-	3	10
902110033	0	-	-	-
902118933	0	-	-	-
902118934	0	-	-	-
902118935	0	-	-	-
902118938	0	-	-	-
902119622	(2,898)	(243)	-	-
902120258	0	-	-	-
902120362	(176)	1,144	13	47
902128557	(609)	(102)	11	37
902132789	1,225	446	4	13
902133778	(28,961)	(7,140)	(346)	(682)
902136457	(130,374)	(8,520)	-	-
902136476	82,008	26,779	525	1,286
902137816	(4,818)	(467)	4	12
902137917	(49,090)	(6,999)	-	-
902145133	0	-	-	-
902145959	(22,370)	-	-	-
902146129	(7,090)	(672)	(13)	(26)
902149284	(25,188)	-	-	-
902149290	(25,188)	-	-	-
902150793	(50,118)	13,643	73	236
902151900	(70,818)	(5,326)	-	-
902151901	(25,524)	-	-	-
902154025	2,538	2,276	-	-
902154580	(25,308)	-	-	-
902158435	(1,522)	(149)	-	-
902159161	(13,850)	-	-	-
902161440	72,592	26,219	719	1,869
902167687	(9,803)	(669)	9	29
902167828	(17,487)	(1,499)	3	10
902169039	(16,477)	-	-	-
902170911	(38,537)	-	-	-
902176950	240,952	105,869	1,293	3,796

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
902178825	(13,998)	(1,108)	39	126
902179186	958	(45)	(100)	(145)
902179191	(12,754)	-	-	-
902179195	(38,537)	-	-	-
902179504	(2,991)	(403)	3	10
902179505	298	101	2	5
902179786	(4,116)	(474)	-	-
902181729	(39,804)	-	-	-
902182003	-	-	-	-
902182004	(4,342)	(582)	(88)	(137)
902183041	(18,303)	-	-	-
902194836	(6,769)	(771)	1	4
902196232	(4,526)	(429)	4	12
902205410	37,704	6,326	55	152
902205583	4,165	169	5	12
902205592	13,607	621	51	150
902210027	(25,524)	-	-	-
902210411	7	-	2	5
902213770	288,494	44,759	2,634	6,268
902214232	39,476	2,640	334	892
902214314	53,268	5,945	708	1,667
902214485	14,145	2,942	(230)	288
902220249	22,063	3,203	35	96
902224735	(35,982)	(1,416)	-	-
902229220	7,963	685	2	5
902232430	(78,398)	-	-	-
902234887	7	-	1	6
902235313	0	(0)	-	-
902239884	38,469	5,808	91	257
902243615	(14,504)	(4,508)	(971)	(1,509)
902243664	23,242	6,345	17	42
902249003	(25,524)	-	-	-
902249006	(491,312)	-	-	-
902249173	(25,524)	-	-	-
902254461	3,668	1,170	-	-
902254465	5,341	1,626	-	-
902259152	(38,607)	-	-	-
902259454	(18,157)	(1,475)	(304)	(677)
902259539	7	-	2	6
902263358	(14,055)	-	-	-
902263467	1,889	(4,420)	(379)	(581)
902266185	(34,230)	(2,444)	(1,361)	(2,442)
902286820	5,926	217	9	24
902287081	0	(0)	-	-
902288378	(2,064,358)	(105,772)	1,312	3,120
902291736	9,328	1,181	11	28
902292272	10,238	652	11	29
902311003	411,628	80,318	1,899	4,469
902311298	23,434	3,117	38	90
902311566	29,965	6,444	14	30
902311692	11,787	1,396	18	38
902315700	(24,973)	-	-	-
902315834	7,567	2,477	4	9
902316249	10,650	1,290	41	87
902316263	(504,417)	-	-	-
902316561	(228,044)	(10,995)	4	9
902316949	1,867	(165)	(98)	(137)
902317000	(25,524)	-	-	-
902321166	7,184	2,289	3	7
902321167	28,417	5,653	102	410
902325695	(85,384)	(15,460)	(859)	(1,668)
902325930	10,529	3,024	(86)	(116)
902327111	(6,165)	(261)	-	-
902327616	(31,651)	-	-	-
902330676	(31,651)	-	-	-
902330715	(15,826)	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
902330783	22,792	5,034	9	19
902330927	70,505	4,974	36	76
902331472	-	-	-	-
902332346	(79,581)	(5,985)	-	-
902340290	4,814	345	36	85
902340291	(6,586)	(4,007)	(430)	(979)
902355070	16,994	2,855	5	12
902365393	(18,034)	(6,008)	(447)	(1,044)
902369775	3,798	288	34	72
902370698	102	5,037	(85)	(174)
902392007	153,879	40,030	457	1,076
902400664	8,608	739	3	7
902400673	17,813	861	69	162
902400863	10,029	1,803	(42)	21
902403435	32,945	6,193	14	32
902404352	(4,633)	(666)	(440)	(1,001)
902404602	5,496	(129)	4	9
902405785	50,876	14,513	63	148
902408522	(2,706)	(328)	60	140
902408524	16,127	3,658	65	153
902408525	6,124	793	62	145
902408526	(4,020)	3,923	47	111
902409113	11,985	4,236	30	71
902411078	3,752	(3,201)	(110)	11
902412723	24,402	6,414	165	388
902412727	28,262	6,883	164	385
902412729	20,100	2,637	83	194
902414923	2,369	384	14	30
902416058	(2,959)	399	(4)	(4)
902419266	4,188	975	-	-
902419361	2,408	(176)	(129)	(201)
902420140	12,259	3,414	7	18
902425513	4,261	(379)	(87)	(172)
902425757	3,705	313	(180)	(50)
902425979	15,761	1,346	7	17
902426739	(23,480)	-	-	-
902432543	67,095	1,979	(93)	(121)
902433734	24,746	1,030	10	24
902436571	64	(791)	(9)	(29)
902436905	4,506	424	(43)	(70)
902438044	(25,308)	-	-	-
902438058	968	(663)	(7)	(24)
902439837	14,984	1,484	21	49
902439976	18,731	3,157	18	43
902444449	73,078	6,694	94	220
902444830	19,667	2,601	2	6
902445446	5,261	659	3	7
902447466	10,662	493	11	26
902447601	34,797	11,288	78	184
902447607	10,662	493	11	26
902448318	13,113	2,129	3	7
902449684	(26,382)	(1,349)	(523)	(1,171)
902450414	5,859	191	3	8
902453624	10,248	1,029	4	9
902453702	10,144	989	4	9
902454660	10,248	1,029	4	9
902457810	8,606	1,021	11	26
902468097	10,190	1,689	5	12
902468810	3,087	603	-	-
902468844	8,158	(1,385)	(43)	40
902492440	8,975	725	13	31
902513458	7,360	(1,690)	(48)	33
902513604	32,339	6,579	9	21
902519430	10,825	1,253	5	11
902524475	9,523	827	4	9
902527334	21,736	2,572	37	86

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
902554622	9,910	958	4	10
902561776	8,290	391	3	8
CET-PD-IR-SP	1,312,315	151,185	8,189	22,944
800515425	(41,951)	(1,133)	(673)	(1,519)
900226864	4,549	118	-	-
900264455	(0)	-	-	-
900974692	-	-	-	-
901117213	-	-	-	-
901176324	-	-	-	-
901181185	-	-	-	-
901194819	-	-	-	-
901196256	-	-	-	-
901205404	-	-	-	-
901285364	29	-	7	22
901307805	(0)	-	-	-
901342525	-	-	-	-
901342526	-	-	-	-
901342527	-	-	-	-
901351522	-	-	-	-
901351523	-	-	-	-
901356464	(0)	-	-	-
901356477	(0)	-	-	-
901369370	0	-	-	-
901376707	-	-	-	-
901397243	-	-	-	-
901397253	-	-	-	-
901397398	-	-	-	-
901402304	-	-	-	-
901402307	-	-	-	-
901402312	-	-	-	-
901402314	-	-	-	-
901403454	-	-	-	-
901486681	0	-	-	-
901491819	0	-	-	-
901500824	(0)	-	-	-
901501357	(0)	-	-	-
901516685	0	-	-	-
901526363	-	-	-	-
901557644	(0)	-	-	-
901558270	-	-	-	-
901558271	-	-	-	-
901560824	0	-	-	-
901561219	(2,549)	(3,959)	(198)	-
901579531	-	-	-	-
901579532	-	-	-	-
901579534	-	-	-	-
901606904	-	-	-	-
901610127	-	-	-	-
901661349	-	-	-	-
901661475	-	-	-	-
901767643	0	-	-	-
901863123	0	-	-	-
901921125	5,145	1,080	-	-
901921129	(1,490)	128	14	44
901932444	-	-	-	-
901941981	0	-	-	-
901941982	0	0	-	-
901941983	0	0	-	-
901941985	0	-	-	-
901942309	0	-	-	-
901942310	0	0	-	-
901979400	0	-	-	-
901995204	(3,071)	(410)	-	-
902021606	0	-	-	-
902035683	40,110	11,086	-	-
902041311	4,797	2,117	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
902071582	(4,656)	(3,338)	(31)	51
902133802	13,512	1,350	38	109
902133810	11,753	568	33	72
902133900	3,657	734	7	(14)
902153908	8,584	2,271	89	276
902165368	189,075	11,775	2,819	6,727
902166048	13,817	1,251	131	354
902166222	12,986	935	131	353
902166277	5,830	342	16	51
902166294	14,107	1,263	154	407
902166299	13,753	1,222	131	354
902166300	21,754	1,684	155	409
902166302	13,283	1,011	151	399
902166304	13,424	1,087	132	356
902166306	13,253	1,010	151	399
902166311	13,118	1,014	132	356
902166312	13,599	1,067	151	400
902166314	13,474	1,016	151	400
902166316	6,413	440	(44)	(43)
902166317	13,025	1,009	131	353
902167336	13,247	1,012	150	398
902167384	13,336	1,012	131	353
902167387	13,321	1,011	131	353
902167653	12,742	837	131	353
902167655	12,786	839	131	353
902167656	5,276	(416)	141	370
902167657	5,911	(1,664)	143	379
902167658	8,696	1,028	152	404
902167698	13,217	1,011	150	398
902167699	13,251	1,102	151	399
902167700	13,238	1,033	130	349
902167701	14,274	1,396	130	350
902167705	14,115	1,340	130	350
902167707	14,195	1,335	120	328
902167842	14,490	1,493	176	458
902167932	13,200	982	151	399
902168148	13,655	1,184	131	356
902168221	11,005	1,026	152	402
902168237	12,970	931	131	355
902168273	8,507	509	150	398
902168569	6,430	49	32	118
902168578	5,892	688	85	227
902168665	13,327	854	131	354
902168981	14,198	1,379	131	354
902169027	14,462	1,610	152	402
902169141	13,988	1,130	130	350
902170931	12,798	883	129	349
902170936	14,121	1,327	130	350
902171202	13,187	847	130	350
902171394	12,902	887	129	349
902171473	5,852	515	(118)	7
902171501	(3,625)	100	(494)	(540)
902171694	(25,308)	-	-	-
902172690	13,756	1,190	130	350
902172691	13,431	1,117	130	349
902175936	8,589	1,079	19	37
902176075	5,577	1,196	14	27
902176301	13,179	1,178	17	36
902220250	14,188	1,814	7	15
902220251	7,063	725	4	9
902260071	(0)	(0)	-	-
902287504	10,397	(195)	-	-
902310497	20,918	2,279	9	19
902317101	4,536	2,811	6	(22)
902320908	21,199	19,960	18	43
902354562	2,010	47	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
902377044	12,948	1,509	16	37
902392936	80,364	8,980	345	811
902422766	4,135	1,680	-	-
902428741	160,416	6,255	66	156
902447598	58,248	12,836	148	349
902460708	11,551	1,078	5	11
902472306	68,122	11,340	83	195
902493923	32,705	10,302	14	34
CET-PD-OT-FO	6,380,874	(390,229)	(34,829)	(42,504)
900638652	(910,959)	(609,313)	(21,541)	(10,798)
900806845	10,164	622	-	-
901115709	10,620	1,120	-	-
901120856	-	-	-	-
901120857	-	-	-	-
901158311	1,283,956	81,205	(4,539)	(13,061)
901159270	211,654	13,499	(2,899)	(8,331)
901159386	5,916	223	-	-
901161255	6,042,278	168,922	-	-
901161612	(21,152)	(460)	-	-
901218465	-	-	-	-
901218466	1,566	157	-	-
901218468	(94,165)	(4,462)	(60)	(11)
901218469	(0)	-	-	-
901218472	102,893	8,861	0	0
901218473	(0)	-	-	-
901218474	(56,032)	(230)	-	-
901288814	(202,443)	(13,596)	(6,125)	(17,434)
901288962	4,987	(23,085)	(1,423)	2,071
901289024	(115,075)	(20,745)	(832)	(2,353)
901291822	106,664	7,052	2,590	7,414
CET-PD-ST-SS	856,832	50,627	67	191
800239341	(24,928)	(0)	-	-
901671463	959,918	46,831	-	-
901800817	(0)	-	-	-
901832970	0	-	-	-
901896282	0	-	-	-
902137934	(51,049)	-	-	-
902165554	0	-	-	-
902175476	-	-	-	-
902228851	23,723	3,796	67	191
902229061	0	(0)	-	-
902240352	(25,524)	-	-	-
902432900	(25,308)	-	-	-
3364	93,460,280	10,991,685	545,811	1,476,908
CET-PD-BM-TU	1,891,012	354,512	9,512	23,061
800059872	-	-	-	-
900734820	87,198	-	7,287	17,227
901111270	-	-	-	-
901196114	-	-	-	-
901276693	-	-	-	-
901342762	-	-	-	-
901373275	-	-	-	-
901448468	-	-	-	-
901492783	-	-	-	-
901557547	-	-	-	-
901584269	-	-	-	-
901584483	-	-	-	-
901587204	746	-	185	561
901606524	-	-	-	-
901623808	-	-	-	-
901650175	-	-	-	-
901653844	-	-	-	-
901690357	-	-	-	-
901737420	-	-	-	-
901752318	-	-	-	-
901801438	60,942	15,892	422	1,243

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
901819695	-	-	-	-
901819787	8,083	242	32	100
901844528	-	-	-	-
901855185	565	-	141	424
901863163	-	-	-	-
901863822	-	-	-	-
901866795	45	-	10	35
901914319	-	-	-	-
901971752	-	-	-	-
901972532	-	-	-	-
901982986	-	-	-	-
901986764	-	-	-	-
901987626	(344)	(32)	-	-
902003245	-	(0)	-	-
902003444	-	-	-	-
902013507	-	-	-	-
902061805	-	-	-	-
902072505	-	-	-	-
902073026	8,499	3,860	12	38
902099125	-	-	-	-
902162552	-	-	-	-
902178759	(3,851)	(354)	7	21
902179107	1,185	70	-	-
902182774	21	-	5	16
902187540	31	-	7	24
902249868	4,103	249	6	19
902254730	16,609	979	1	4
902306347	26,785	4,751	11	23
902306474	(13,184)	(9,656)	23	50
902311576	8,455	1,447	5	10
902340426	33,418	4,513	25	52
902343449	7,675	1,891	-	-
902353903	21,547	3,830	8	19
902355269	31,176	8,118	34	73
902358166	16,512	4,376	7	16
902371047	34,457	8,216	14	34
902416908	3,319	203	-	-
902425207	10,357	943	-	-
902445060	28,226	6,689	11	26
902450997	1,236,512	248,173	820	1,930
902453686	29,147	2,017	13	31
902499333	17,005	3,651	7	17
TD1066328	23,782	6,704	110	318
TD1097626	-	-	-	-
TD1117736	-	-	-	-
TD1332232	70,688	14,189	112	264
TD1349067	44,646	7,402	85	200
TD1377976	51,707	15,045	26	61
TD1410664	28,551	1,676	51	120
TD518228	-	-	-	-
TD862274	(3,603)	(571)	32	104
TD879539	-	-	-	-
CET-PD-CR-JT	(2,518,840)	-	-	-
700038	(102,361)	-	-	-
700061	(200,433)	-	-	-
700062	(504,371)	-	-	-
700068	(601,669)	-	-	-
700072	(422,117)	-	-	-
701623	(619,033)	-	-	-
701624	(46,723)	-	-	-
701625	(22,133)	-	-	-
CET-PD-IR-TC	6,133,653	385,913	47,986	136,650
901356479	19,036	1,309	565	1,986
901396886	341,216	28,189	22,550	66,708
TD1239524	-	-	-	-
TD1246498	1,477,741	80,906	6,281	19,232

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1261093	505,731	31,731	2,356	7,230
TD1261472	625,684	60,108	2,772	7,046
TD1268316	523,587	45,647	1,961	4,646
TD1301266	908,680	50,148	4,117	11,723
TD1334504	459,313	14,634	667	1,724
TD1343148	1,103,788	50,268	6,102	14,706
TD1446327	136,023	17,430	439	1,032
TD788540	32,853	5,542	175	617
CET-PD-IR-TG	10,013,292	1,478,102	5,411	14,081
901965680	(196,191)	311	13	43
901965682	6,377	607	4	12
901972938	9,519	2,846	33	107
902204869	1,063,475	52,857	757	1,781
902420225	30,128	1,992	5	11
TD1079947	117,573	22,964	310	729
TD1143268	147,536	30,244	2,398	6,782
TD1171197	54,107	7,643	171	490
TD1183883	99	-	22	77
TD1238957	57,777	11,227	395	988
TD1279486	764	16	-	-
TD1295648	(4,796)	(420)	-	-
TD1319379	(15,016)	(2,418)	(35)	(78)
TD1335567	13,715	12	-	-
TD1354642	52,762	3,210	39	83
TD1369334	100,130	16,321	622	1,464
TD1374456	12,399	376	150	354
TD1376853	64,613	8,548	19	44
TD1377472	(716)	(70)	-	-
TD1391269	19,538	2,392	23	54
TD1410287	28,405	2,218	31	73
TD1423083	85,829	13,171	58	136
TD1423111	105,954	25,417	93	219
TD1423128	141,431	14,402	111	261
TD1423131	148,332	26,675	128	302
TD1423178	67,200	16,651	59	138
TD1433876	21,151	5,504	-	-
TD1436026	39,706	8,312	5	13
TD857279	7,841,494	1,207,093	-	0
CET-PD-IR-TL	2,994,564	327,124	10,229	26,327
TD1097601	-	-	-	-
TD1126796	28,041	9,204	169	453
TD1126802	70,773	20,526	756	1,997
TD1156439	-	-	-	-
TD1159183	5,617	827	6	18
TD1159187	14	-	3	10
TD1166120	-	-	-	-
TD1184464	5,158	783	3	10
TD1191408	(183)	(19)	5	16
TD1222809	-	-	-	-
TD1247087	37,079	1,525	33	82
TD1247097	(2,427)	(2,241)	(51)	(119)
TD1247101	(12,894)	(1,484)	(46)	(111)
TD1252985	87,179	6,284	401	981
TD1252986	(1,572)	(151)	15	49
TD1252987	(309)	(30)	4	14
TD1252988	21,964	3,112	51	138
TD1252989	14	(0)	3	11
TD1252990	33,583	1,907	180	477
TD1259795	(1,278)	(117)	-	-
TD1259890	(397)	(37)	2	7
TD1260461	128,655	11,860	548	1,300
TD1260480	6,655	773	21	53
TD1260594	45,231	3,596	151	354
TD1260596	56,700	3,317	65	139
TD1260600	37,382	3,678	7	14
TD1260647	52,727	3,878	23	49

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1260651	(1,259)	(117)	5	15
TD1260662	56,684	6,753	76	189
TD1260667	34,083	3,135	25	52
TD1260670	19,789	2,203	5	10
TD1260671	86,555	9,936	133	313
TD1263339	(886)	(83)	5	15
TD1270185	27,240	5,005	13	30
TD1271682	35,833	3,572	91	214
TD1271691	30,290	3,773	41	97
TD1271710	28,706	2,938	71	186
TD1271714	88,757	8,074	631	1,584
TD1272804	3,226	1,249	4	13
TD1273486	26,513	2,810	12	27
TD1273487	63,047	19,727	25	54
TD1273490	70,273	14,799	154	431
TD1311761	95,059	5,557	81	191
TD1312629	26,319	1,562	22	51
TD1314159	1,720	370	(22)	(67)
TD1317176	23,113	2,179	11	25
TD1317181	10,942	(254)	8	18
TD1317185	41,974	3,229	67	157
TD1317206	27,349	2,464	42	99
TD1317284	43,784	5,502	29	67
TD1320572	36,151	3,537	43	101
TD1321051	59,915	6,259	73	172
TD1323796	24,950	3,197	84	250
TD1326475	26,454	1,481	5	12
TD1326488	20,158	1,087	8	19
TD1326498	27,147	1,639	8	20
TD1327175	49,557	3,631	20	48
TD1327835	73,488	4,776	203	478
TD1327838	49,372	3,811	39	93
TD1327839	28,861	3,093	8	20
TD1327841	19,332	6,070	10	22
TD1327843	32,263	2,628	23	54
TD1327844	35,528	3,811	8	18
TD1327845	16,832	2,831	7	17
TD1339693	58,153	4,826	24	58
TD1343016	24,851	2,616	32	76
TD1358799	25,441	6,349	20	48
TD1361978	69,058	5,528	86	202
TD1362895	19,110	1,817	29	68
TD1362899	15,070	(99)	63	149
TD1362905	24,211	2,176	26	60
TD1362907	17,271	890	32	74
TD1362908	28,687	1,245	61	144
TD1367133	25,582	2,237	23	55
TD1367148	21,205	1,394	11	26
TD1367344	37,001	2,230	18	42
TD1367362	24,201	1,350	12	27
TD1367367	39,541	1,749	21	50
TD1367694	32,689	2,402	55	130
TD1370232	56,415	3,496	49	115
TD1370765	18,523	1,642	6	14
TD1382286	31,954	2,216	34	80
TD1386460	24,031	8,284	31	72
TD1390702	28,301	2,988	46	108
TD1391554	31,054	3,341	23	55
TD1393882	37,483	4,223	14	34
TD1393932	34,240	2,321	29	69
TD1407856	26,615	2,237	23	54
TD1413287	24,602	1,824	15	35
TD1419318	31,977	2,663	45	106
TD818868	-	-	-	-
TD911234	-	-	-	-
TD911404	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD916293	250,463	35,757	4,985	13,342
TD948674	-	-	-	-
CET-PD-IR-TP	27,066,508	3,338,231	260,364	701,494
800485762	-	-	-	-
901103134	193,978	11,108	-	-
901356610	-	-	-	-
901356611	1,917,389	104,705	-	-
901564640	1,696	-	-	-
901564641	208	13	-	-
901564746	4,501	-	1,153	3,348
901674008	47,053	-	11,922	35,131
901674009	380	-	90	290
901674010	383,058	35,117	2,337	7,358
901674520	-	0	0	(0)
901677586	(6,300,983)	(461,922)	(75,779)	(234,500)
901677587	(499,560)	(17,748)	630	2,027
901677589	519	-	123	396
901677598	47	-	11	36
901677680	691,161	32,322	11,406	27,907
901677682	236,812	22,663	2,107	6,490
901690300	1,110,483	41,046	24,987	79,863
901690445	(97,270)	(72,419)	(786)	(421)
901965681	13,436	689	13	41
901987253	(888)	(31)	32	102
901987456	22,799	1,198	35	112
901987457	74,595	3,957	140	450
901987458	42,875	2,528	84	269
901987889	-	-	-	-
901994365	-	-	-	-
901998304	68,597	5,102	39	127
901998305	24,777	2,122	20	66
902072629	-	-	-	-
902089989	-	-	-	-
902093849	-	-	-	-
902107849	9,249	874	12	38
902153644	15,287,206	2,055,678	57,133	156,753
902259299	10,964	962	1	5
902338918	65,919	9,178	8	17
TD1012727	-	-	-	-
TD1018377	470	-	440	29
TD1022200	3,945	215	70	226
TD1027678	-	-	-	-
TD1027679	-	-	-	-
TD1027680	-	-	-	-
TD1034800	812	-	193	620
TD1044368	-	-	-	-
TD1060958	7,655,501	556,397	99,245	267,647
TD1064731	(6,120)	(1,675)	65	209
TD1075676	628	173	22	71
TD1075678	(344)	(76)	19	61
TD1078326	779,553	102,323	14,147	35,437
TD1078336	(3,187)	(6,695)	545	1,652
TD1079628	50,397	10,797	2,180	5,977
TD1079953	(20,907)	(4,873)	17	54
TD1079955	80	-	19	61
TD1079961	(14,887)	(2,411)	22	69
TD1079980	-	-	-	-
TD1080008	15,227	3,654	312	898
TD1080013	(10,364)	(6,962)	431	1,254
TD1080030	22,268	7,817	332	935
TD1080059	6,498	5,514	410	1,158
TD1080141	42,293	12,447	1,506	3,898
TD1080147	47,213	15,256	609	1,767
TD1080154	(28,607)	(3,519)	752	2,110
TD1080301	86,709	6,596	90	211
TD1080304	(21,148)	(3,617)	26	83

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1080372	61,563	12,312	143	337
TD1080391	-	-	-	-
TD1080402	-	-	-	-
TD1080429	-	-	-	-
TD1081530	138,068	28,540	1,042	2,771
TD1081553	228,935	43,234	3,349	8,611
TD1081559	-	-	-	-
TD1081563	(28,260)	(3,591)	0	-
TD1081564	85,031	18,233	112	263
TD1081565	(29,200)	(3,261)	16	52
TD1081567	-	-	-	-
TD1081568	-	-	-	-
TD1081570	(26,162)	(2,761)	29	94
TD1081572	-	-	-	-
TD1081575	150,197	12,862	997	2,540
TD1081578	52,009	7,677	530	1,267
TD1081579	60,857	4,190	1,060	3,161
TD1081581	91,744	13,012	776	2,288
TD1081582	69,248	5,764	346	841
TD1081583	-	-	-	-
TD1081584	133,132	25,038	801	2,383
TD1081585	62,339	5,467	350	1,007
TD1081586	78	-	19	60
TD1081588	81,893	10,506	496	1,401
TD1081589	108,549	21,166	1,059	2,583
TD1082531	-	-	-	-
TD1082533	-	-	-	-
TD1082541	-	-	-	-
TD1082556	85,564	17,736	1,021	2,594
TD1083243	-	-	-	-
TD1083275	-	-	-	-
TD1083355	-	-	-	-
TD1083448	-	-	-	-
TD1083454	-	-	-	-
TD1083601	-	-	-	-
TD1083655	-	-	-	-
TD1083670	-	-	-	-
TD1083679	-	-	-	-
TD1084438	-	-	-	-
TD1084439	70,792	12,190	1,196	3,474
TD1084446	72,716	14,182	1,254	3,474
TD1084448	63,389	9,811	1,026	2,813
TD1084449	115,074	18,554	925	2,569
TD1084451	57,601	10,511	893	2,410
TD1086157	(59,438)	(17,139)	32	103
TD1086171	-	-	-	-
TD1089365	-	-	-	-
TD1089373	-	-	-	-
TD1089377	-	-	-	-
TD1089379	-	-	-	-
TD1094249	105	0	22	71
TD1094295	-	-	-	-
TD1094311	(32,177)	(8,481)	(212)	(628)
TD1094314	-	-	-	-
TD1094320	81,915	12,608	1,099	3,310
TD1094323	959	333	-	-
TD1094326	716	248	-	-
TD1094921	218,682	33,259	3,477	9,034
TD1094924	256,023	36,108	2,606	6,369
TD1095663	174	-	44	130
TD1095664	(9,873)	(2,575)	13	41
TD1095667	92,509	13,502	963	2,686
TD1095677	140,736	24,846	1,571	4,473
TD1095681	-	-	-	-
TD1097831	-	-	-	-
TD1100383	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1100384	-	-	-	-
TD1100385	-	-	-	-
TD1100387	-	-	-	-
TD1100388	(87,233)	(22,568)	-	-
TD1100391	-	-	-	-
TD1100392	-	-	-	-
TD1102255	(569,626)	(54,197)	(9,757)	(23,572)
TD1102257	(14,078)	(1,533)	(65)	(199)
TD1102781	496	(66)	106	371
TD1102843	84,173	14,104	11	35
TD1102856	-	-	-	-
TD1102865	(5,735)	(2,326)	(0)	-
TD1103620	143,097	31,266	4,283	13,259
TD1110911	-	-	-	-
TD1114085	-	-	-	-
TD1131072	(11,497)	(2,882)	9	28
TD1131118	(137,442)	(35,129)	38	121
TD1131128	142,392	28,092	1,460	4,224
TD1132521	(10,990)	(3,032)	-	-
TD1133763	(38,273)	(9,879)	(18)	(49)
TD1133769	(99,855)	(23,273)	15	48
TD1134002	3,621	(18,100)	1,524	4,444
TD1155564	(24,104)	(6,137)	10	31
TD1156789	102,223	23,100	433	1,019
TD1156791	37,110	6,337	80	187
TD1156880	40,395	7,220	302	882
TD1159499	1,643	1	19	60
TD1162677	90,427	16,774	984	2,983
TD1169332	(2,686)	(190)	13	43
TD1170382	(3,975)	(351)	17	54
TD1170448	136	0	32	104
TD1172077	-	-	-	-
TD1178735	32	-	8	25
TD1203465	-	-	-	-
TD1209552	(38,023)	(7,172)	19	60
TD1210177	-	-	-	-
TD1239288	-	-	-	-
TD1249597	(697)	(227)	3	10
TD1254654	12,317	1,775	6	13
TD1277011	(3,093)	(1,342)	-	-
TD1356960	73,502	13,313	141	331
TD1380189	42,992	5,969	47	110
TD1390673	1,568	57	-	-
TD1401034	279,169	13,760	34	80
TD541826	-	-	-	-
TD541827	-	-	-	-
TD541995	-	-	-	-
TD670725	-	-	-	-
TD704186	-	-	-	-
TD705039	-	-	-	-
TD705079	-	-	-	-
TD705081	-	-	-	-
TD705083	(12,527)	(6,898)	219	769
TD705641	-	-	-	-
TD707472	-	-	-	-
TD708108	(347,689)	(34,694)	(4,976)	(12,007)
TD708113	(767,574)	(98,773)	(14,749)	(39,555)
TD708123	-	-	-	-
TD708173	(44,198)	(3,236)	(32)	(70)
TD708177	392	21	-	-
TD708181	330,097	61,808	13,343	37,001
TD708599	17,882	789	33	117
TD708627	280,666	56,383	4,469	12,666
TD708630	-	-	-	-
TD709599	11,510	3,434	393	1,289
TD709606	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD710449	29,157	(82)	3,215	8,342
TD710450	-	-	-	-
TD714103	-	-	-	-
TD714215	393,437	58,575	10,541	29,010
TD714282	350,201	54,334	9,401	25,820
TD714285	431,493	58,178	12,468	34,001
TD716641	-	-	-	-
TD717831	(27,961)	(4,885)	35	111
TD717856	-	-	-	-
TD721229	(0)	-	-	-
TD721738	-	-	-	-
TD721834	-	-	-	-
TD721908	81,918	15,306	4,532	12,890
TD721945	365	-	87	278
TD722017	-	-	-	-
TD722022	-	-	-	-
TD722039	(0)	(0)	-	-
TD722060	-	-	-	-
TD722069	-	-	-	-
TD722243	-	-	-	-
TD722252	-	-	-	-
TD722269	-	-	-	-
TD722272	1,506	610	39	136
TD722560	229,511	34,183	2,042	5,222
TD722625	-	-	-	-
TD722781	8,357	29	87	278
TD722806	-	-	-	-
TD722821	5,928	247	-	-
TD723352	376,018	38,415	12,273	34,461
TD723700	-	-	-	-
TD724039	-	-	-	-
TD724040	-	-	-	-
TD725321	-	-	-	-
TD747042	-	-	-	-
TD752226	643	32	-	-
TD791387	(57,717)	(13,290)	101	356
TD834470	441,921	84,513	7,137	19,274
TD837580	-	-	-	-
TD869268	210,694	19,310	514	1,371
TD879684	95,404	18,077	826	2,333
TD880283	276	33	-	-
TD880288	182	4	-	-
TD882566	656	128	-	-
TD882581	602	131	-	-
TD882925	-	-	-	-
TD883725	10,944	734	-	-
TD883727	182	4	-	-
TD913796	-	-	-	-
TD913830	400,222	49,900	12,371	34,546
TD913831	(38,674)	(5,818)	98	316
TD913836	-	-	-	-
TD914811	-	-	-	-
TD915342	-	-	-	-
TD928757	(151,541)	(8,764)	-	-
TD937624	-	-	-	-
TD947847	-	-	-	-
TD947868	-	-	-	-
TD948267	5,664	266	17	55
TD948271	2,082	-	528	1,554
TD948273	-	-	-	-
TD948275	-	-	-	-
TD948276	-	-	-	-
TD948278	-	-	-	-
TD948280	-	-	-	-
TD954192	-	-	-	-
TD955037	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD955040	-	-	-	-
TD955242	-	-	-	-
TD955245	-	-	-	-
TD955246	-	-	-	-
TD955249	-	-	-	-
TD955250	-	-	-	-
TD955279	-	-	-	-
TD957840	-	-	-	-
TD957851	-	-	-	-
TD957856	-	-	-	-
TD957861	-	-	-	-
TD957864	-	-	-	-
TD958398	-	-	-	-
TD958401	-	-	-	-
TD958402	-	-	-	-
TD958415	-	-	-	-
TD958434	-	-	-	-
TD958438	-	-	-	-
TD958490	-	-	-	-
TD958492	-	-	-	-
TD967998	639,082	153,001	1,376	3,314
TD987480	-	-	-	-
TD987497	-	-	-	-
TD989193	-	-	-	-
TD989508	-	-	-	-
TD996402	(161,109)	(9,715)	-	-
CET-PD-IR-TR	47,880,092	5,107,804	212,309	575,294
800060878	-	-	-	-
800512710	-	-	-	-
TD1000680	-	-	-	-
TD1000684	-	-	-	-
TD1003399	-	-	-	-
TD1003404	-	-	-	-
TD1003407	-	-	-	-
TD1003408	-	-	-	-
TD1003972	-	-	-	-
TD1004341	-	-	-	-
TD1004488	-	-	-	-
TD1005366	-	-	-	-
TD1005494	-	-	-	-
TD1006468	-	-	-	-
TD1006469	-	-	-	-
TD1009225	-	-	-	-
TD1011447	-	-	-	-
TD1011448	33	-	8	25
TD1011450	-	-	-	-
TD1011460	-	-	-	-
TD1011467	-	-	-	-
TD1011473	-	-	-	-
TD1011477	-	-	-	-
TD1011478	-	-	-	-
TD1011479	-	-	-	-
TD1011484	-	-	-	-
TD1012029	-	-	-	-
TD1012076	-	-	-	-
TD1012077	-	-	-	-
TD1012079	-	-	-	-
TD1012081	-	-	-	-
TD1012084	-	-	-	-
TD1012086	-	-	-	-
TD1012205	-	-	-	-
TD1012301	-	-	-	-
TD1012351	-	-	-	-
TD1012377	-	-	-	-
TD1012380	-	-	-	-
TD1012404	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1012483	-	-	-	-
TD1012623	-	-	-	-
TD1012700	-	-	-	-
TD1012703	-	-	-	-
TD1012987	-	-	-	-
TD1013033	-	-	-	-
TD1013038	-	-	-	-
TD1013048	42,426	4,206	79	205
TD1013049	-	-	-	-
TD1013056	-	-	-	-
TD1013058	-	-	-	-
TD1013062	-	-	-	-
TD1013076	-	-	-	-
TD1013080	-	-	-	-
TD1013084	-	-	-	-
TD1013776	42,878	6,021	196	518
TD1014110	-	-	-	-
TD1015229	-	-	-	-
TD1015233	-	-	-	-
TD1015239	-	-	-	-
TD1016211	-	-	-	-
TD1016268	-	-	-	-
TD1017200	-	-	-	-
TD1017323	-	-	-	-
TD1020712	-	-	-	-
TD1023138	-	-	-	-
TD1023466	(262)	(24)	-	-
TD1023470	26,257	803	142	416
TD1023474	-	-	-	-
TD1023475	-	-	-	-
TD1023480	159,796	11,808	955	2,870
TD1023482	72,885	5,444	591	1,737
TD1023494	-	-	-	-
TD1023500	32,832	3,926	102	300
TD1023529	-	-	-	-
TD1023537	-	-	-	-
TD1023602	-	-	-	-
TD1023608	-	-	-	-
TD1023609	-	-	-	-
TD1023613	-	-	-	-
TD1023616	-	-	-	-
TD1023617	(9,522)	(1,301)	23	75
TD1023618	84,997	6,697	1,074	3,179
TD1023620	-	-	-	-
TD1023622	-	-	-	-
TD1023623	-	-	0	0
TD1023624	-	-	-	-
TD1023625	-	-	-	-
TD1023628	-	-	-	-
TD1023629	-	-	-	-
TD1023630	-	-	-	-
TD1024697	-	-	-	-
TD1025205	-	-	-	-
TD1025528	-	-	-	-
TD1025894	-	-	-	-
TD1025895	-	-	-	-
TD1026445	-	-	-	-
TD1027148	-	-	-	-
TD1028195	54,234	4,344	502	1,483
TD1028911	-	-	-	-
TD1028916	(37,224)	(4,505)	25	80
TD1028918	-	-	-	-
TD1029245	-	-	-	-
TD1029267	-	-	-	-
TD1029274	(4,512)	405	87	279
TD1029548	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1029554	-	-	-	-
TD1029583	-	-	-	-
TD1029584	-	-	-	-
TD1029585	-	-	-	-
TD1029587	-	-	-	-
TD1029814	-	-	-	-
TD1029819	-	-	-	-
TD1030153	-	-	-	-
TD1031047	-	-	-	-
TD1031071	15	-	3	11
TD1031074	(7,932)	(680)	16	52
TD1031078	40,726	1,736	300	893
TD1031088	26,592	4,161	155	417
TD1031147	-	-	-	-
TD1031172	-	-	-	-
TD1031184	27	-	6	21
TD1031189	-	-	-	-
TD1031303	3,230	(64)	-	-
TD1031306	-	-	-	-
TD1031498	24,757	4,358	3	9
TD1031501	-	-	-	-
TD1031545	-	-	-	-
TD1031562	-	-	-	-
TD1031593	-	-	-	-
TD1031601	-	-	-	-
TD1031607	-	-	-	-
TD1031616	81,116	7,621	640	1,963
TD1031623	-	-	-	-
TD1031631	-	-	-	-
TD1031652	-	-	-	-
TD1031662	(1,007)	(94)	7	24
TD1031689	-	-	-	-
TD1031690	-	-	-	-
TD1031691	-	-	-	-
TD1031692	-	-	-	-
TD1031693	-	-	-	-
TD1031694	-	-	-	-
TD1031695	-	-	-	-
TD1031697	-	-	-	-
TD1031698	-	-	-	-
TD1031700	-	-	-	-
TD1031701	-	-	-	-
TD1032165	(18,244)	(1,420)	3	9
TD1032168	-	-	-	-
TD1032171	57,077	3,406	780	2,409
TD1032176	-	-	-	-
TD1032181	(716)	(345)	21	68
TD1032184	-	-	-	-
TD1032188	28,226	3,419	119	348
TD1032189	-	-	-	-
TD1032206	-	-	-	-
TD1032216	-	-	-	-
TD1032217	-	-	-	-
TD1032232	(144)	(5)	-	-
TD1032234	-	-	-	-
TD1032236	-	-	-	-
TD1032238	-	-	-	-
TD1032251	-	-	-	-
TD1032255	-	-	-	-
TD1033682	-	-	-	-
TD1033688	-	-	-	-
TD1033690	-	-	-	-
TD1033722	-	-	-	-
TD1033724	-	-	-	-
TD1034371	-	-	-	-
TD1034532	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1034895	-	-	-	-
TD1035323	43,271	6,611	165	416
TD1035847	53,361	3,596	484	1,428
TD1036424	-	-	-	-
TD1037015	-	-	-	-
TD1037042	-	-	-	-
TD1037052	-	-	-	-
TD1037057	-	-	-	-
TD1037090	-	-	-	-
TD1037136	-	-	-	-
TD1037188	-	-	-	-
TD1037194	-	-	-	-
TD1037195	-	-	-	-
TD1037202	-	-	-	-
TD1037214	-	-	-	-
TD1037299	-	-	-	-
TD1037300	-	-	-	-
TD1037301	-	-	-	-
TD1037474	-	-	-	-
TD1037499	-	-	-	-
TD1037532	(2,322)	(551)	9	28
TD1037537	-	-	-	-
TD1037542	-	-	-	-
TD1037547	-	-	-	-
TD1037548	-	-	-	-
TD1037550	-	-	-	-
TD1037556	-	-	-	-
TD1037559	-	-	-	-
TD1037560	-	-	-	-
TD1037564	-	-	-	-
TD1037567	-	-	-	-
TD1037573	-	-	-	-
TD1037576	-	-	-	-
TD1037633	-	-	-	-
TD1037637	-	-	-	-
TD1037863	-	-	-	-
TD1037866	-	-	-	-
TD1037894	-	-	-	-
TD1037911	-	-	-	-
TD1037950	-	-	-	-
TD1038336	-	-	-	-
TD1038935	-	-	-	-
TD1039024	-	-	-	-
TD1039390	-	-	-	-
TD1039397	-	-	-	-
TD1039561	-	-	-	-
TD1039683	-	-	-	-
TD1039689	-	-	-	-
TD1039698	-	-	-	-
TD1041052	-	-	-	-
TD1042581	-	-	-	-
TD1042596	-	-	-	-
TD1042605	-	-	-	-
TD1043301	-	-	-	-
TD1043560	-	-	-	-
TD1045191	-	-	-	-
TD1045761	-	-	-	-
TD1045974	-	-	-	-
TD1045978	-	-	-	-
TD1046234	-	-	-	-
TD1046464	-	-	-	-
TD1046468	3,332	(176)	7	21
TD1046661	-	-	-	-
TD1046662	-	-	-	-
TD1046868	-	-	-	-
TD1046873	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1046876	-	-	-	-
TD1046890	323	8	16	56
TD1046892	-	-	-	-
TD1046893	16,449	1,562	-	-
TD1047068	-	-	-	-
TD1047320	34,046	2,795	746	2,212
TD1047336	-	-	-	-
TD1049865	-	-	-	-
TD1049997	77,529	2,628	716	2,158
TD1050030	39,133	3,662	162	419
TD1050043	-	-	-	-
TD1050824	-	-	-	-
TD1050895	-	-	-	-
TD1051816	-	-	-	-
TD1052030	-	-	-	-
TD1052034	-	-	-	-
TD1052166	4,447	1,259	4	13
TD1052190	(5,725)	(322)	32	104
TD1052192	(11,227)	(2,441)	(13)	(25)
TD1052204	-	-	-	-
TD1052207	-	-	-	-
TD1052217	-	-	-	-
TD1052227	-	-	-	-
TD1052229	-	-	-	-
TD1052232	-	-	-	-
TD1052237	-	-	-	-
TD1052240	-	-	-	-
TD1052241	-	-	-	-
TD1052244	-	-	-	-
TD1052246	-	-	-	-
TD1052254	25	-	6	19
TD1052259	-	-	-	-
TD1052263	-	-	-	-
TD1052265	39	-	9	30
TD1052272	-	-	-	-
TD1052273	1,997	68	12	37
TD1052275	-	-	-	-
TD1052283	(2,664)	(739)	37	120
TD1052284	-	-	-	-
TD1052286	269	-	64	205
TD1052288	-	-	-	-
TD1052293	-	-	-	-
TD1052297	-	-	-	-
TD1052349	10,254	2,668	37	131
TD1052354	-	-	-	-
TD1052355	-	-	-	-
TD1052356	-	-	-	-
TD1052370	-	-	-	-
TD1052374	-	-	-	-
TD1052392	12,014	3,675	25	87
TD1052393	-	-	-	-
TD1052399	-	-	-	-
TD1052401	-	-	-	-
TD1052407	-	-	-	-
TD1052408	-	-	-	-
TD1052411	-	-	-	-
TD1052412	-	-	-	-
TD1052422	-	-	-	-
TD1052423	-	-	-	-
TD1052465	-	-	-	-
TD1052476	-	-	-	-
TD1052483	-	-	-	-
TD1052487	-	-	-	-
TD1052522	-	-	-	-
TD1052528	-	-	-	-
TD1052532	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1052536	2,430	144	8	27
TD1052544	65,058	7,378	367	1,036
TD1052552	-	-	-	-
TD1052556	-	-	-	-
TD1052559	140,909	14,837	676	1,766
TD1052567	-	-	-	-
TD1052574	-	-	-	-
TD1052602	39	-	9	30
TD1052731	-	-	-	-
TD1052735	-	-	-	-
TD1053341	-	-	-	-
TD1053663	(13,692)	(561)	-	-
TD1053880	-	-	-	-
TD1053883	1,203	12	9	30
TD1053884	-	-	-	-
TD1053885	-	-	-	-
TD1053887	-	-	-	-
TD1053889	(1,864)	(613)	-	-
TD1053893	39	-	9	30
TD1053895	-	-	-	-
TD1053897	-	-	-	-
TD1054445	568,167	40,173	3,325	8,435
TD1054692	-	-	-	-
TD1055750	-	-	-	-
TD1056276	-	-	-	-
TD1056328	-	-	-	-
TD1056396	-	-	-	-
TD1056643	-	-	-	-
TD1056730	-	-	-	-
TD1056738	-	-	-	-
TD1056893	-	-	-	-
TD1056895	-	-	-	-
TD1056896	-	-	-	-
TD1056898	-	-	-	-
TD1056900	-	-	-	-
TD1059125	21,473	2,569	68	184
TD1059150	-	-	-	-
TD1059358	-	-	-	-
TD1059361	-	-	-	-
TD1059363	-	-	-	-
TD1059364	244	(38)	19	62
TD1059875	-	-	-	-
TD1059877	29	-	7	22
TD1059878	-	-	-	-
TD1059880	-	-	-	-
TD1059981	74,279	14,291	66	203
TD1060001	-	-	-	-
TD1060013	-	-	-	-
TD1060021	-	-	-	-
TD1060130	-	-	-	-
TD1060133	-	-	-	-
TD1060137	-	-	-	-
TD1060138	-	-	-	-
TD1060261	-	-	-	-
TD1060264	-	-	-	-
TD1060266	-	-	-	-
TD1060270	-	-	-	-
TD1060272	-	-	-	-
TD1060274	-	-	-	-
TD1060277	-	-	-	-
TD1060281	-	-	-	-
TD1060459	-	-	-	-
TD1060462	-	-	-	-
TD1060466	-	-	-	-
TD1060469	-	-	-	-
TD1060471	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1060475	-	-	-	-
TD1060476	-	-	-	-
TD1060770	-	-	-	-
TD1060774	-	-	-	-
TD1060780	-	-	-	-
TD1060788	-	-	-	-
TD1060894	(1,338)	(124)	6	19
TD1060895	1,963	102	5	17
TD1060896	-	-	-	-
TD1060897	31	-	7	23
TD1060898	9	-	2	7
TD1060900	-	-	-	-
TD1060901	-	-	-	-
TD1060902	-	-	-	-
TD1060903	-	-	-	-
TD1060905	(6,431)	(1,503)	8	25
TD1060907	-	-	-	-
TD1060913	-	-	-	-
TD1060914	-	-	-	-
TD1060915	-	-	-	-
TD1060916	-	-	-	-
TD1060917	-	-	-	-
TD1061071	-	-	-	-
TD1061100	-	-	-	-
TD1061111	-	-	-	-
TD1061113	-	-	-	-
TD1061121	-	-	-	-
TD1061149	-	-	-	-
TD1061159	-	-	-	-
TD1061233	-	-	-	-
TD1061239	-	-	-	-
TD1061252	-	-	-	-
TD1061369	44,680	3,556	170	499
TD1061379	-	-	-	-
TD1061396	34,648	2,872	310	902
TD1061419	-	-	-	-
TD1061511	-	-	-	-
TD1061513	111,376	12,930	779	2,133
TD1061906	-	-	-	-
TD1061907	-	-	-	-
TD1062052	-	-	-	-
TD1062056	-	-	-	-
TD1062058	-	-	-	-
TD1062066	-	-	-	-
TD1062068	-	-	-	-
TD1062073	-	-	-	-
TD1062075	-	-	-	-
TD1062077	-	-	-	-
TD1063111	-	-	-	-
TD1063112	-	-	-	-
TD1063118	-	-	-	-
TD1063119	-	-	-	-
TD1063123	-	-	-	-
TD1063136	-	-	-	-
TD1063148	-	-	-	-
TD1063189	-	-	-	-
TD1063194	-	-	-	-
TD1063208	-	-	-	-
TD1063226	-	-	-	-
TD1063246	-	-	-	-
TD1063248	(5,880)	(1,533)	9	28
TD1063255	-	-	-	-
TD1063258	54	-	13	41
TD1063268	-	-	-	-
TD1063957	-	-	-	-
TD1064996	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1065370	-	-	-	-
TD1065430	(2,366)	(525)	6	21
TD1065890	-	-	-	-
TD1066181	-	-	-	-
TD1066183	-	-	-	-
TD1066187	-	-	-	-
TD1066191	-	-	-	-
TD1066192	-	-	-	-
TD1066194	-	-	-	-
TD1066195	-	-	-	-
TD1066196	-	-	-	-
TD1066197	-	-	-	-
TD1066199	-	-	-	-
TD1066358	-	-	-	-
TD1068173	-	-	-	-
TD1069209	-	-	-	-
TD1069218	-	-	-	-
TD1069257	-	-	-	-
TD1069456	(6,667)	(746)	8	24
TD1069458	(8,967)	(622)	5	15
TD1069459	-	-	-	-
TD1069461	-	-	-	-
TD1069571	-	-	-	-
TD1069574	-	-	-	-
TD1069576	-	-	-	-
TD1069629	-	-	-	-
TD1069630	-	-	-	-
TD1069631	-	-	-	-
TD1069634	-	-	-	-
TD1069636	-	-	-	-
TD1069644	-	-	-	-
TD1069645	-	-	-	-
TD1069647	-	-	-	-
TD1069648	-	-	-	-
TD1069649	-	-	-	-
TD1069651	(19,717)	(1,873)	20	65
TD1070090	-	-	-	-
TD1070094	-	-	-	-
TD1070101	-	-	-	-
TD1070113	-	-	-	-
TD1070117	-	-	-	-
TD1070118	-	-	-	-
TD1070126	-	-	-	-
TD1070251	-	-	-	-
TD1070252	-	-	-	-
TD1070253	-	-	-	-
TD1070254	-	-	-	-
TD1070256	24	-	6	18
TD1070257	-	-	-	-
TD1070262	2,049	81	16	53
TD1070280	-	-	-	-
TD1070325	(11,979)	(1,746)	6	18
TD1070426	8,654	2,611	7	24
TD1070547	(1,015)	(146)	9	30
TD1070550	-	-	-	-
TD1070570	9,859	2,733	8	27
TD1070578	46	(56)	5	18
TD1070587	46	-	6	21
TD1070591	-	-	-	-
TD1070595	8	-	2	6
TD1070609	-	-	-	-
TD1070856	(3,177)	(917)	8	25
TD1070880	-	-	-	-
TD1070954	-	-	-	-
TD1071964	-	-	-	-
TD1071980	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1071991	-	-	-	-
TD1072005	-	-	-	-
TD1072013	36,218	4,001	497	1,435
TD1072018	-	-	-	-
TD1072028	-	-	-	-
TD1072045	-	-	-	-
TD1072056	-	-	-	-
TD1072088	-	-	-	-
TD1072248	(1,106)	(145)	4	13
TD1072320	20,805	6,611	12	25
TD1072388	(2,390)	(371)	24	78
TD1072393	49,783	10,160	525	1,476
TD1072497	61,290	5,359	760	2,120
TD1072521	-	-	-	-
TD1072530	-	-	-	-
TD1072534	-	-	-	-
TD1072538	-	-	-	-
TD1072556	-	-	-	-
TD1073964	24,997	2,604	477	1,329
TD1073985	18,209	2,501	205	573
TD1074503	-	-	-	-
TD1075030	-	-	-	-
TD1077927	-	-	-	-
TD1077929	-	-	-	-
TD1077932	-	-	-	-
TD1077936	-	-	-	-
TD1077938	-	-	-	-
TD1077941	-	-	-	-
TD1077942	-	-	-	-
TD1077943	-	-	-	-
TD1077944	-	-	-	-
TD1077947	-	-	-	-
TD1077948	(84)	(23)	3	11
TD1077955	-	-	-	-
TD1077960	-	-	-	-
TD1077962	-	-	-	-
TD1078240	28	-	7	22
TD1079480	-	-	-	-
TD1079484	-	-	-	-
TD1079486	-	-	-	-
TD1079488	-	-	-	-
TD1079489	-	-	-	-
TD1079490	-	-	-	-
TD1079491	-	-	-	-
TD1079492	(10,172)	(2,048)	-	-
TD1079494	-	-	-	-
TD1079495	-	-	-	-
TD1079496	-	-	-	-
TD1079500	-	-	-	-
TD1080205	-	-	-	-
TD1080206	(8,681)	(958)	-	-
TD1080575	-	-	-	-
TD1080580	-	-	-	-
TD1080587	-	-	-	-
TD1080596	-	-	-	-
TD1080602	-	-	-	-
TD1080606	-	-	-	-
TD1080616	-	-	-	-
TD1080696	-	-	-	-
TD1080908	-	-	-	-
TD1081566	-	-	-	-
TD1081688	2,690	118	12	37
TD1081804	15	-	4	11
TD1081809	(1,308)	(90)	5	15
TD1081816	-	-	-	-
TD1081837	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1081846	-	-	-	-
TD1081850	-	-	-	-
TD1081854	-	-	-	-
TD1082000	-	-	-	-
TD1082089	15	-	4	11
TD1082114	-	-	-	-
TD1082119	93,058	22,105	1,165	3,266
TD1082133	-	-	-	-
TD1082134	-	-	-	-
TD1082139	-	-	-	-
TD1082143	-	-	-	-
TD1082145	-	-	-	-
TD1082151	-	-	-	-
TD1082154	-	-	-	-
TD1082157	-	-	-	-
TD1082161	40	-	9	30
TD1082175	-	-	-	-
TD1082179	16,793	3,790	185	520
TD1082185	2,055	4,069	110	319
TD1082189	-	-	-	-
TD1082195	-	-	-	-
TD1082199	62	-	15	47
TD1082226	-	-	-	-
TD1082241	-	-	-	-
TD1082258	-	-	-	-
TD1082259	-	-	-	-
TD1082361	-	-	-	-
TD1082465	-	-	-	-
TD1082466	-	-	-	-
TD1082467	-	-	-	-
TD1082468	(6,078)	(922)	2	8
TD1082471	-	-	-	-
TD1082486	-	-	-	-
TD1082509	-	-	-	-
TD1082558	41,950	10,205	239	656
TD1082560	-	-	-	-
TD1082934	-	-	-	-
TD1082937	-	-	-	-
TD1082944	-	-	-	-
TD1083274	122,057	14,220	1,935	5,421
TD1084271	-	-	-	-
TD1084284	-	-	-	-
TD1084294	-	-	-	-
TD1084296	846	39	8	27
TD1084307	-	-	-	-
TD1084339	-	-	-	-
TD1084401	-	-	-	-
TD1084409	2,376	136	4	14
TD1084413	-	-	-	-
TD1084414	-	-	-	-
TD1084416	-	-	-	-
TD1084419	-	-	-	-
TD1084433	-	-	-	-
TD1084680	-	-	-	-
TD1084682	-	-	-	-
TD1084683	-	-	-	-
TD1084694	-	-	-	-
TD1084703	-	-	-	-
TD1085124	-	-	-	-
TD1085127	-	-	-	-
TD1085217	-	-	-	-
TD1085325	(14,603)	(1,293)	13	41
TD1085340	-	-	-	-
TD1085360	-	-	-	-
TD1085449	-	-	-	-
TD1085451	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1085453	-	-	-	-
TD1085454	-	-	-	-
TD1085455	(3,613)	(1,611)	-	-
TD1085677	3,245	(202)	12	41
TD1085724	-	-	-	-
TD1085735	-	-	-	-
TD1085743	1,763	117	6	19
TD1085789	-	-	-	-
TD1085793	278	4	5	16
TD1085824	(8,136)	(746)	5	17
TD1086013	-	-	-	-
TD1086317	-	-	-	-
TD1086319	-	-	-	-
TD1086320	-	-	-	-
TD1086322	-	-	-	-
TD1086324	100	-	24	76
TD1086325	-	-	-	-
TD1086326	76	4	-	-
TD1086327	-	-	-	-
TD1086330	-	-	-	-
TD1086331	3,656	84	65	208
TD1086332	-	-	-	-
TD1086333	1,407	42	13	43
TD1086336	46,102	4,524	256	705
TD1086638	-	-	-	-
TD1086853	-	-	-	-
TD1086933	5,930	(932)	-	-
TD1086976	-	-	-	-
TD1087963	-	-	-	-
TD1087967	-	-	-	-
TD1087968	5,231	1	363	1,078
TD1087970	-	-	-	-
TD1087972	674	(60)	18	58
TD1087974	1,850	269	7	22
TD1088964	-	-	-	-
TD1088968	(172)	(19)	7	24
TD1088969	-	-	-	-
TD1088972	-	-	-	-
TD1089810	(39,667)	(9,218)	(436)	(1,307)
TD1089811	(14,998)	(4,652)	48	76
TD1090060	-	-	-	-
TD1090348	-	-	-	-
TD1090476	(51,672)	(5,327)	11	34
TD1090809	(9,102)	(915)	10	34
TD1090818	-	-	-	-
TD1090821	(6,132)	(1,300)	6	21
TD1090835	-	-	-	-
TD1090843	-	-	-	-
TD1091382	32,427	2,838	130	355
TD1091384	-	-	-	-
TD1091385	185	5	7	21
TD1091386	-	-	-	-
TD1091387	-	-	-	-
TD1091405	-	-	-	-
TD1091406	-	-	-	-
TD1091409	-	-	-	-
TD1091411	16,619	1,248	120	321
TD1091413	-	-	-	-
TD1091415	-	-	-	-
TD1091416	-	-	-	-
TD1091570	-	-	-	-
TD1091571	-	-	-	-
TD1091572	-	-	-	-
TD1091574	-	-	-	-
TD1091576	-	-	-	-
TD1091661	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1091663	-	-	-	-
TD1091666	-	-	-	-
TD1091668	-	-	-	-
TD1091671	-	-	-	-
TD1091673	-	-	-	-
TD1091674	-	-	-	-
TD1091675	-	-	-	-
TD1091696	34,475	4,345	155	432
TD1091698	26,682	2,179	271	779
TD1091762	-	-	-	-
TD1091764	-	-	-	-
TD1091850	-	-	-	-
TD1092158	116	-	27	88
TD1092216	-	-	-	-
TD1092220	-	-	-	-
TD1092232	-	-	-	-
TD1092234	-	-	-	-
TD1092239	38,572	2,714	127	377
TD1092245	-	-	-	-
TD1092276	-	-	-	-
TD1093068	3,623	136	32	103
TD1093070	-	-	-	-
TD1093072	-	-	-	-
TD1093138	-	-	-	-
TD1093570	-	-	-	-
TD1093584	48	-	11	36
TD1093591	-	-	-	-
TD1093595	56	-	13	43
TD1093606	1,204	61	12	39
TD1093611	(27,777)	(4,340)	(185)	(553)
TD1093617	67	-	16	51
TD1093628	859	(2,404)	426	1,213
TD1093669	(8,410)	(4,755)	442	1,120
TD1093677	8,173	(1,348)	663	1,841
TD1093696	469,314	78,424	3,625	9,492
TD1093709	51,302	7,702	1,072	2,919
TD1093731	-	-	-	-
TD1093736	-	-	-	-
TD1093737	(2,191)	(1,845)	345	981
TD1093738	-	-	-	-
TD1093741	-	-	-	-
TD1094229	-	-	-	-
TD1094230	-	-	-	-
TD1094232	-	-	-	-
TD1094234	-	-	-	-
TD1094243	-	-	-	-
TD1094245	105,628	7,996	163	457
TD1094899	-	-	-	-
TD1094939	(130,002)	(15,183)	(4,982)	(11,270)
TD1094966	-	-	-	-
TD1095045	-	-	-	-
TD1095658	756	30	9	30
TD1095660	-	-	-	-
TD1095661	(5,116)	(1,490)	6	20
TD1095662	-	-	-	-
TD1096343	-	-	-	-
TD1096856	-	-	-	-
TD1099802	(16,151)	(658)	19	60
TD1100774	(2,276)	(805)	-	-
TD1100822	45,312	4,233	98	255
TD1102517	-	-	-	-
TD1102518	-	-	-	-
TD1102519	-	-	-	-
TD1102521	-	-	-	-
TD1102522	-	-	-	-
TD1102523	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1102524	-	-	-	-
TD1102525	-	-	-	-
TD1102527	-	-	-	-
TD1102528	-	-	-	-
TD1102529	-	-	-	-
TD1102530	-	-	-	-
TD1102531	-	-	-	-
TD1102532	-	-	-	-
TD1102533	-	-	-	-
TD1102534	-	-	-	-
TD1102535	4,872	(403)	51	163
TD1102751	-	-	-	-
TD1102764	-	-	-	-
TD1102769	-	-	-	-
TD1102772	382	22	3	8
TD1103826	-	-	-	-
TD1104080	-	-	-	-
TD1104910	-	-	-	-
TD1104911	-	-	-	-
TD1104912	-	-	-	-
TD1104913	-	-	-	-
TD1104993	-	-	-	-
TD1105005	-	-	-	-
TD1105288	-	-	-	-
TD1105329	-	-	-	-
TD1105913	-	-	-	-
TD1106107	-	-	-	-
TD1106444	-	-	-	-
TD1107149	14	-	3	10
TD1107206	-	-	-	-
TD1107457	-	-	-	-
TD1107462	5,986	207	8	27
TD1108035	(53,303)	(13,166)	(185)	(465)
TD1108036	-	-	-	-
TD1108037	-	-	-	-
TD1108038	-	-	-	-
TD1108039	-	-	-	-
TD1108042	-	-	-	-
TD1108309	-	-	-	-
TD1108322	-	-	-	-
TD1108679	-	-	-	-
TD1108816	-	-	-	-
TD1108822	-	-	-	-
TD1108830	-	-	-	-
TD1109401	-	-	-	-
TD1110055	-	-	-	-
TD1110063	-	-	-	-
TD1110985	(276)	(28)	5	17
TD1111027	-	-	-	-
TD1111033	-	-	-	-
TD1111463	-	-	-	-
TD1111471	-	-	-	-
TD1111575	-	-	-	-
TD1113388	-	-	-	-
TD1113389	-	-	-	-
TD1113818	-	-	-	-
TD1113821	-	-	-	-
TD1114020	-	-	-	-
TD1114297	-	-	-	-
TD1115718	(15,012)	(4,718)	40	52
TD1115927	(9,164)	249	14	44
TD1117119	33,217	6,990	325	937
TD1121149	-	-	-	-
TD1121311	-	-	-	-
TD1121419	-	-	-	-
TD1122611	(57,743)	(8,344)	(120)	(371)

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1122779	26,551	5,995	303	856
TD1122788	-	-	-	-
TD1122791	-	-	-	-
TD1122809	26,489	1,787	379	1,075
TD1122837	-	-	-	-
TD1122923	-	-	-	-
TD1124368	-	-	-	-
TD1124449	-	-	-	-
TD1125105	-	-	-	-
TD1125267	(9,058)	(2,444)	13	42
TD1125459	23,193	1,318	3	9
TD1125481	-	-	-	-
TD1125482	133,856	15,710	948	2,832
TD1125483	23,545	(258)	168	438
TD1125484	99	-	23	75
TD1125485	117	-	28	89
TD1125486	-	-	-	-
TD1125487	269	-	64	205
TD1125488	-	-	-	-
TD1125490	215,999	17,863	2,998	9,108
TD1125491	1,318	10	56	179
TD1125492	130,590	11,535	1,134	3,422
TD1125493	-	-	-	-
TD1125609	-	-	-	-
TD1125779	-	-	-	-
TD1125791	-	-	-	-
TD1125792	-	-	-	-
TD1126637	-	-	-	-
TD1126776	-	-	-	-
TD1126808	39,600	13,271	257	719
TD1126817	1,470	433	51	162
TD1126829	-	-	-	-
TD1126834	77,710	4,514	712	1,902
TD1126835	-	-	-	-
TD1126843	-	-	-	-
TD1126867	-	-	-	-
TD1126871	15	-	4	11
TD1127133	-	-	-	-
TD1127134	-	-	-	-
TD1127135	-	-	-	-
TD1127136	-	-	-	-
TD1127138	1,994	46	16	48
TD1127140	-	-	-	-
TD1127142	2,372	129	5	17
TD1127144	-	-	-	-
TD1127197	(6,827)	(1,186)	6	18
TD1127200	-	-	-	-
TD1127208	-	-	-	-
TD1127212	43	-	10	33
TD1127214	86	-	20	66
TD1127215	30,811	2,969	192	536
TD1127216	(5,770)	(788)	6	21
TD1127226	-	-	-	-
TD1127239	-	-	-	-
TD1127242	-	-	-	-
TD1127245	-	-	-	-
TD1127246	-	-	-	-
TD1127250	(8,411)	(1,039)	7	22
TD1127255	-	-	-	-
TD1127258	-	-	-	-
TD1127262	-	-	-	-
TD1127269	-	-	-	-
TD1127282	-	-	-	-
TD1127285	-	-	-	-
TD1127289	(16,934)	(1,705)	-	-
TD1127308	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1127311	-	-	-	-
TD1127319	18,876	5,455	151	422
TD1127324	-	-	-	-
TD1127328	-	-	-	-
TD1127640	45,908	3,792	113	297
TD1127642	-	-	-	-
TD1127643	-	-	-	-
TD1127654	(5,814)	(2,516)	-	-
TD1127656	-	-	-	-
TD1127659	-	-	-	-
TD1127663	-	-	-	-
TD1127665	-	-	-	-
TD1127719	(1,737)	(541)	5	16
TD1127722	(4,522)	(987)	6	18
TD1128201	-	-	-	-
TD1128291	-	-	-	-
TD1128528	32	-	7	24
TD1128533	3	-	1	2
TD1128534	-	-	-	-
TD1128538	30	-	7	23
TD1128539	65,853	5,453	21	48
TD1128541	30,822	1,786	108	320
TD1128547	(3,346)	(714)	8	26
TD1128550	18	-	4	14
TD1128556	-	-	-	-
TD1128561	-	-	-	-
TD1128563	12	-	3	9
TD1128566	57,375	8,277	364	1,034
TD1128606	1,995	112	21	69
TD1128607	-	-	-	-
TD1128609	(25,646)	(5,057)	(44)	(147)
TD1128610	-	-	-	-
TD1128614	(13,698)	(2,549)	9	30
TD1128619	33,740	2,689	42	108
TD1128622	-	-	-	-
TD1128623	-	-	-	-
TD1128628	-	-	-	-
TD1128630	15	-	4	11
TD1128631	58	-	14	44
TD1128634	-	-	-	-
TD1128636	-	-	-	-
TD1128640	33	-	8	25
TD1128641	12,814	1,611	-	-
TD1128647	-	-	-	-
TD1128648	(13,060)	1,183	25	81
TD1128651	31,963	1,694	25	63
TD1128678	964	(308)	9	29
TD1128700	36	-	8	27
TD1128704	-	-	-	-
TD1128708	830	12	13	41
TD1128712	19,961	3,668	113	333
TD1128716	2,648	65	20	64
TD1128719	(15,416)	(2,087)	(33)	(68)
TD1128720	4,740	70	20	63
TD1128722	50,751	8,762	251	729
TD1128732	65,276	5,935	48	117
TD1128742	2,739	159	9	30
TD1128747	(23,609)	(9,443)	31	100
TD1128752	(43,516)	(4,107)	30	95
TD1128756	47	-	11	36
TD1128958	-	-	-	-
TD1131549	-	-	-	-
TD1131550	39	-	9	30
TD1131551	-	-	-	-
TD1131552	-	-	-	-
TD1131553	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1131554	739	(46)	16	50
TD1131555	-	-	-	-
TD1132535	-	-	-	-
TD1132668	110	-	26	84
TD1132669	27	-	6	21
TD1132680	49,228	6,925	562	1,533
TD1132683	(5,391)	(720)	4	13
TD1132691	-	-	-	-
TD1132696	(2,034)	(487)	4	14
TD1132699	13	-	3	10
TD1132702	(41,156)	(3,463)	14	45
TD1132705	6,248	1,289	6	22
TD1132707	-	-	-	-
TD1132710	-	-	-	-
TD1132720	2,348	137	5	17
TD1132724	(12,352)	(5,058)	(128)	(17)
TD1132725	53	-	13	40
TD1132733	8,677	2,803	4	15
TD1132744	(57)	(23)	8	26
TD1132747	(65)	(16)	4	13
TD1132758	(5,364)	(1,554)	6	20
TD1132762	13	-	3	10
TD1132765	-	-	-	-
TD1132958	459	73	-	-
TD1132961	-	-	-	-
TD1133144	-	-	-	-
TD1133233	-	-	-	-
TD1133577	-	-	-	-
TD1134831	-	-	-	-
TD1135058	-	-	-	-
TD1135569	-	-	-	-
TD1135803	-	-	-	-
TD1136313	-	-	-	-
TD1136396	-	-	-	-
TD1136861	(7,309)	(716)	9	29
TD1136878	-	-	-	-
TD1136911	-	-	-	-
TD1136916	-	-	-	-
TD1136947	282	10	7	24
TD1136955	16,257	2,072	57	188
TD1136959	7	-	2	6
TD1136962	-	-	-	-
TD1136970	43,969	2,970	272	815
TD1137291	11	-	3	8
TD1137376	-	-	-	-
TD1137379	39	-	9	30
TD1138141	-	-	-	-
TD1138164	-	-	-	-
TD1138935	246	10	5	14
TD1138938	496	23	4	14
TD1138939	6	-	1	5
TD1139197	(2,391)	(480)	4	14
TD1140240	-	-	-	-
TD1140243	-	-	-	-
TD1140248	-	-	-	-
TD1140251	(15,473)	(1,115)	10	32
TD1140253	-	-	-	-
TD1140254	-	-	-	-
TD1140260	(5,599)	(477)	2	7
TD1140263	-	-	-	-
TD1140265	409	113	7	23
TD1140266	-	-	-	-
TD1140267	-	-	-	-
TD1140269	-	-	-	-
TD1140274	-	-	-	-
TD1140283	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1140286	-	-	-	-
TD1140287	-	-	-	-
TD1140289	(19,309)	(2,953)	18	57
TD1140292	-	-	-	-
TD1140294	-	-	-	-
TD1140296	-	-	-	-
TD1140297	8,420	189	-	-
TD1140298	-	-	-	-
TD1140299	-	-	-	-
TD1140726	-	-	-	-
TD1140728	-	-	-	-
TD1140748	-	-	-	-
TD1140749	-	-	-	-
TD1140751	-	-	-	-
TD1140752	-	-	-	-
TD1140753	-	-	-	-
TD1141226	55	-	13	42
TD1141354	119	-	28	91
TD1141908	-	-	-	-
TD1142072	-	-	-	-
TD1142509	-	-	-	-
TD1142903	58,052	5,702	603	1,847
TD1142906	-	-	-	-
TD1143081	-	-	-	-
TD1143466	-	-	-	-
TD1143471	(5,836)	(1,553)	6	18
TD1143478	-	-	-	-
TD1143495	-	-	-	-
TD1143496	(16,844)	(1,302)	(56)	(162)
TD1143500	(2,225)	(465)	4	14
TD1143600	-	-	-	-
TD1144277	-	-	-	-
TD1144293	23,968	1,372	210	574
TD1144300	-	-	-	-
TD1144750	-	-	-	-
TD1145108	-	-	-	-
TD1145243	-	-	-	-
TD1145727	127	3	17	55
TD1145809	-	-	-	-
TD1145885	-	-	-	-
TD1145953	19	-	5	15
TD1146450	535	(114)	10	31
TD1147583	-	-	-	-
TD1147585	-	-	-	-
TD1147587	-	-	-	-
TD1148291	-	-	-	-
TD1148293	(8,563)	(1,431)	(19)	(49)
TD1148294	(5,048)	(1,736)	56	180
TD1148295	-	-	-	-
TD1148297	-	-	-	-
TD1148299	-	-	-	-
TD1148300	10	-	2	8
TD1148301	-	-	-	-
TD1148303	-	-	-	-
TD1148306	127	(57)	11	36
TD1148307	73	-	17	56
TD1148308	165	-	39	126
TD1148309	-	-	-	-
TD1148310	-	-	-	-
TD1148311	(30,716)	(5,142)	(19)	(30)
TD1148313	158,586	4,967	40	128
TD1148315	-	-	-	-
TD1148316	-	-	-	-
TD1148318	-	-	-	-
TD1148319	(3,263)	(1,455)	13	41
TD1148320	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1148321	-	-	-	-
TD1148322	(668)	(590)	27	88
TD1148324	(823)	(438)	16	51
TD1148325	(450)	(62)	2	7
TD1148327	-	-	-	-
TD1148328	-	-	-	-
TD1148329	92,954	7,069	576	1,544
TD1148331	-	-	-	-
TD1148332	-	-	-	-
TD1148333	7,434	383	46	147
TD1148334	-	-	-	-
TD1148335	-	-	-	-
TD1148336	(1,037)	(363)	10	31
TD1148337	(331)	(67)	3	9
TD1148338	-	-	-	-
TD1148339	-	-	-	-
TD1148340	1,113	28	7	22
TD1148341	-	-	-	-
TD1148342	-	-	-	-
TD1148343	-	-	-	-
TD1148345	-	-	-	-
TD1148346	35	-	8	27
TD1148347	-	-	-	-
TD1148348	20,262	2,623	84	210
TD1148929	-	-	-	-
TD1149051	(4,948)	(573)	6	19
TD1149054	58,422	7,643	88	224
TD1149056	-	-	-	-
TD1149057	1,170	60	2	8
TD1149060	-	-	-	-
TD1149063	5,646	279	7	24
TD1149065	-	-	-	-
TD1149068	87,495	2,669	707	1,917
TD1149072	11	-	3	8
TD1149075	13,722	1,869	53	139
TD1149077	(2,841)	(192)	4	13
TD1149793	-	-	-	-
TD1150463	-	-	-	-
TD1150467	(16,138)	(1,741)	19	60
TD1150473	7	-	2	6
TD1150479	-	-	-	-
TD1150485	(3,173)	(1,202)	2	8
TD1150495	(14,687)	(4,694)	14	45
TD1150505	(17,167)	(1,855)	7	21
TD1150512	51,490	6,085	55	130
TD1150522	27,629	2,116	22	58
TD1150523	60,783	10,775	168	439
TD1151482	-	-	-	-
TD1151532	75,724	5,777	746	2,055
TD1151605	-	-	-	-
TD1151665	-	-	-	-
TD1151668	-	-	-	-
TD1152416	-	-	-	-
TD1153226	28	-	7	22
TD1153227	(7,711)	(948)	5	15
TD1153228	(21,736)	(2,832)	11	36
TD1153229	-	-	-	-
TD1153230	-	-	-	-
TD1153233	(112)	(41)	10	31
TD1153234	(1,362)	(2,179)	6	19
TD1153235	12	-	3	9
TD1153237	-	-	-	-
TD1153238	(7,667)	(821)	7	22
TD1153240	(18,782)	(2,845)	(39)	(108)
TD1153241	1,085	54	3	10
TD1154363	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1154364	40,135	2,316	207	556
TD1154367	-	-	-	-
TD1154368	37,641	10,438	133	347
TD1154492	(2,914)	(299)	3	11
TD1154594	-	-	-	-
TD1154804	-	-	-	-
TD1154809	42,992	4,661	204	538
TD1154814	-	-	-	-
TD1154818	47,162	5,382	33	97
TD1154820	-	-	-	-
TD1154824	33,495	2,022	141	412
TD1154845	-	-	-	-
TD1154851	(58)	(24)	4	14
TD1154856	(8,147)	(664)	23	74
TD1154860	-	-	-	-
TD1154868	-	-	-	-
TD1154872	-	-	-	-
TD1154878	163,925	32,552	386	967
TD1154908	-	-	-	-
TD1154913	-	-	-	-
TD1154918	-	-	-	-
TD1154929	64,134	6,974	180	412
TD1154930	3,614	861	6	20
TD1154934	68,635	12,135	407	1,103
TD1154937	-	-	-	-
TD1154941	-	-	-	-
TD1154952	-	-	-	-
TD1155009	2,278	126	8	28
TD1155011	41,283	2,949	178	506
TD1155015	649	49	4	12
TD1155036	46,236	6,324	147	414
TD1155040	-	-	-	-
TD1155417	(2,008)	(278)	22	69
TD1156109	23,000	2,072	9	16
TD1156119	-	-	-	-
TD1156124	-	-	-	-
TD1156128	15,241	2,271	41	101
TD1156148	36,480	6,362	90	232
TD1156159	-	-	-	-
TD1156209	-	-	-	-
TD1156770	(11,398)	(2,131)	9	28
TD1156794	(315)	(55)	4	12
TD1157135	19,531	2,365	95	260
TD1157360	-	-	-	-
TD1158090	-	-	-	-
TD1158176	-	-	-	-
TD1158859	-	-	-	-
TD1158861	-	-	-	-
TD1158862	109	-	26	83
TD1158863	42	-	10	32
TD1158866	-	-	-	-
TD1159057	26	-	6	20
TD1159185	29,864	3,688	264	721
TD1159188	(11,494)	(2,831)	13	42
TD1159576	27	-	6	20
TD1159676	(41,603)	(638)	(131)	(405)
TD1159684	9,105	(715)	89	244
TD1159694	(26,281)	(1,441)	(112)	(346)
TD1159698	(53,438)	(7,143)	-	-
TD1159703	-	-	-	-
TD1159707	-	-	-	-
TD1159724	-	-	-	-
TD1159744	-	-	-	-
TD1159778	-	-	-	-
TD1159821	(65,228)	(17,343)	(659)	(1,982)
TD1159986	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1160019	18	-	4	14
TD1160108	(1,530)	(425)	-	-
TD1160118	-	-	-	-
TD1160130	-	-	-	-
TD1160169	(4,007)	(413)	3	9
TD1160176	-	-	-	-
TD1160234	-	-	-	-
TD1160268	-	-	-	-
TD1160272	-	-	-	-
TD1160291	-	-	-	-
TD1160308	-	-	-	-
TD1160616	-	-	-	-
TD1160734	27,863	2,171	112	314
TD1160737	(11,844)	(1,491)	6	18
TD1160740	-	-	-	-
TD1161832	-	-	-	-
TD1161840	(5,471)	(1,740)	6	20
TD1161846	32	-	8	24
TD1161849	-	-	-	-
TD1161863	-	-	-	-
TD1161878	32,529	2,638	78	236
TD1161885	43,687	2,655	79	194
TD1161887	27,445	1,876	108	299
TD1161891	28,062	2,514	129	354
TD1161892	11,240	1,055	118	327
TD1161894	-	-	-	-
TD1161895	(6,544)	(1,975)	9	30
TD1161897	(9,877)	(3,777)	18	57
TD1161904	-	-	-	-
TD1161908	-	-	-	-
TD1161969	-	-	-	-
TD1161979	(122,179)	(25,858)	(338)	(1,012)
TD1161990	-	-	-	-
TD1162000	-	-	-	-
TD1162001	-	-	-	-
TD1162005	-	-	-	-
TD1162012	46	-	11	35
TD1162023	-	-	-	-
TD1162027	75,503	4,758	274	694
TD1162031	-	-	-	-
TD1162033	28,543	5,620	235	559
TD1162037	-	-	-	-
TD1162043	30	-	7	23
TD1162048	-	-	-	-
TD1162053	2,311	97	-	-
TD1162059	39	-	9	30
TD1162061	33,494	2,157	46	137
TD1162063	-	-	-	-
TD1162065	-	-	-	-
TD1162070	56,708	3,748	143	367
TD1162073	-	-	-	-
TD1162074	-	-	-	-
TD1162078	-	-	-	-
TD1162081	(39,668)	(9,224)	(441)	(1,323)
TD1162091	-	-	-	-
TD1162105	2,131	486	10	18
TD1162109	-	-	-	-
TD1162115	-	-	-	-
TD1162118	(17,427)	(1,877)	(73)	(225)
TD1165042	38,758	4,232	54	140
TD1165199	(2,978)	(883)	-	-
TD1166058	-	-	-	-
TD1166068	-	-	-	-
TD1166069	-	-	-	-
TD1166085	-	-	-	-
TD1166117	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1166123	-	-	-	-
TD1166132	-	-	-	-
TD1166136	-	-	-	-
TD1166145	49	-	12	37
TD1166147	-	-	-	-
TD1166153	-	-	-	-
TD1166185	-	-	-	-
TD1166189	-	-	-	-
TD1166220	(21,464)	(1,880)	34	111
TD1166224	-	-	-	-
TD1166230	-	-	-	-
TD1167094	(20,278)	(2,297)	(56)	(162)
TD1167097	-	-	-	-
TD1167101	18	-	4	14
TD1167102	-	-	-	-
TD1167107	49,691	3,250	212	591
TD1167129	15	-	4	12
TD1167131	-	-	-	-
TD1169510	19,985	4,876	228	662
TD1169512	-	-	-	-
TD1169517	-	-	-	-
TD1169519	-	-	-	-
TD1169523	50,255	3,178	519	1,446
TD1169526	-	-	-	-
TD1169527	(12,282)	(2,177)	(9)	(27)
TD1170520	40,163	5,302	415	1,154
TD1170544	-	-	-	-
TD1170555	(833)	(804)	5	7
TD1170562	-	-	-	-
TD1170612	-	-	-	-
TD1170631	-	-	-	-
TD1170641	-	-	-	-
TD1170645	33	-	8	25
TD1170651	33	-	8	25
TD1170657	-	-	-	-
TD1170665	-	-	-	-
TD1171410	-	-	-	-
TD1172937	-	-	-	-
TD1172942	(9,895)	(944)	14	45
TD1173302	99	(35)	6	19
TD1173305	31,654	2,879	42	111
TD1174302	(255)	(188)	6	18
TD1174625	23	-	6	18
TD1174639	(7,865)	(546)	30	98
TD1174652	-	-	-	-
TD1174940	(25,078)	(6,342)	(143)	(331)
TD1175781	-	-	-	-
TD1175978	(226,223)	(38,776)	(454)	(1,408)
TD1175984	-	-	-	-
TD1175989	-	-	-	-
TD1175990	(81,434)	(10,555)	91	291
TD1175993	(5,806)	(747)	32	104
TD1175996	143	-	34	109
TD1175998	(345,179)	(97,803)	(6,783)	(15,485)
TD1176002	29,278	4,717	26	62
TD1176022	21	-	5	16
TD1176393	23,886	3,480	82	216
TD1176398	-	-	-	-
TD1176404	-	-	-	-
TD1176409	878	(10)	12	37
TD1176412	-	-	-	-
TD1176414	-	-	-	-
TD1176416	2,975	189	10	32
TD1176418	-	-	-	-
TD1176421	-	-	-	-
TD1176422	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1176423	98,426	10,012	718	1,771
TD1176425	119	-	28	91
TD1176427	(14,600)	(2,922)	15	48
TD1176428	-	-	-	-
TD1176429	163,506	13,935	1,043	2,670
TD1176438	-	-	-	-
TD1176571	-	-	-	-
TD1178065	-	-	-	-
TD1178153	(608)	(71)	3	10
TD1178159	-	-	-	-
TD1178177	-	-	-	-
TD1178244	3,113	142	-	-
TD1178253	15	-	4	11
TD1178278	(47,582)	(6,157)	40	128
TD1178292	27	-	6	20
TD1181196	-	-	-	-
TD1183053	377	-	89	287
TD1183357	-	-	-	-
TD1183368	81,168	4,952	89	251
TD1183570	(8,942)	(1,071)	5	16
TD1183571	-	-	-	-
TD1184421	4,042	516	3	10
TD1184447	(5,736)	(1,126)	-	-
TD1184457	110,596	19,763	333	970
TD1185236	(11,931)	(1,275)	(17)	(50)
TD1186225	-	-	-	-
TD1186229	-	-	-	-
TD1186233	29	-	7	22
TD1186237	-	-	-	-
TD1186316	-	-	-	-
TD1186413	(428)	(548)	22	71
TD1186414	(296)	(173)	18	58
TD1186683	-	-	-	-
TD1186810	-	-	-	-
TD1186821	-	-	-	-
TD1186956	(50,788)	(6,680)	(53)	(161)
TD1188260	-	-	-	-
TD1188263	31,331	3,114	118	323
TD1188304	192,296	16,715	1,321	3,490
TD1188355	(689)	(149)	6	19
TD1188373	15,940	1,370	32	76
TD1188403	(6,897)	(800)	3	11
TD1188523	17	-	4	13
TD1188675	895	(1,276)	-	-
TD1189389	46,613	4,920	69	202
TD1189862	9	-	2	7
TD1191006	(25,643)	(6,387)	32	104
TD1191019	25	-	6	19
TD1191024	(38,285)	(5,149)	(13)	(23)
TD1191068	283	(1)	5	16
TD1191170	-	-	-	-
TD1191259	(6,179)	(1,809)	12	40
TD1191391	344	7	3	9
TD1191396	66,068	3,458	180	462
TD1191410	(14,188)	(1,360)	2	8
TD1191424	173,207	13,975	1,139	2,862
TD1191506	-	-	-	-
TD1192011	29	-	6	23
TD1192391	-	-	-	-
TD1192451	150,138	14,316	422	1,036
TD1192476	20,001	3,556	92	246
TD1192719	-	-	-	-
TD1192722	-	-	-	-
TD1192724	-	-	-	-
TD1192725	150	-	36	115
TD1192727	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1192775	(7,261)	(1,141)	(282)	(605)
TD1192776	-	-	-	-
TD1192777	-	-	-	-
TD1192779	-	-	-	-
TD1192781	-	-	-	-
TD1192791	-	-	-	-
TD1192794	55	-	13	42
TD1192795	694	39	4	12
TD1192796	86	-	20	66
TD1193181	34	-	8	26
TD1193405	(12,281)	(2,177)	(8)	(26)
TD1193876	-	-	-	-
TD1197256	27,825	2,313	185	550
TD1197260	-	-	-	-
TD1197263	-	-	-	-
TD1197267	-	-	-	-
TD1197287	(2,703)	(643)	5	15
TD1197385	-	-	-	-
TD1197457	250	(2)	8	25
TD1197472	4,467	1,138	(36)	(113)
TD1197503	(29,395)	(3,452)	(54)	(157)
TD1197563	29	-	7	22
TD1197575	(10,698)	(1,475)	8	25
TD1197722	-	-	-	-
TD1197723	-	-	-	-
TD1197724	-	-	-	-
TD1197725	-	-	-	-
TD1197727	46	-	11	35
TD1197728	-	-	-	-
TD1197833	(3,550)	(769)	3	11
TD1197843	676	26	2	7
TD1197880	(11,651)	(1,477)	3	10
TD1198036	36,018	3,930	45	123
TD1199651	29,543	1,226	136	380
TD1200865	(6,803)	(622)	7	22
TD1201044	222	(1)	4	12
TD1201222	(4,302)	(1,606)	6	19
TD1202202	20,386	2,947	171	453
TD1202255	-	-	-	-
TD1202299	77,585	7,343	827	2,260
TD1202320	64	-	15	49
TD1203096	-	-	-	-
TD1203784	(63,142)	(16,470)	(20)	(63)
TD1203911	-	-	-	-
TD1204099	-	-	-	-
TD1204451	19,199	2,273	65	173
TD1205960	-	-	-	-
TD1205981	-	-	-	-
TD1205994	-	-	-	-
TD1206000	4,132	(21)	24	79
TD1206011	-	-	-	-
TD1206013	-	-	-	-
TD1206017	-	-	-	-
TD1206020	144,510	9,282	595	1,430
TD1206024	(2,221)	(460)	4	12
TD1206032	(7,535)	(871)	2	8
TD1206231	21	-	5	16
TD1207187	-	-	-	-
TD1207507	14,629	2,297	295	867
TD1207844	521	-	130	392
TD1208315	9	-	2	7
TD1209777	(9,398)	(424)	-	-
TD1210121	126,537	15,771	280	762
TD1210140	(5,882)	(557)	20	64
TD1210833	-	-	-	-
TD1210862	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1210873	18	-	4	14
TD1210876	33,664	2,430	51	146
TD1210880	-	-	-	-
TD1210887	17	-	4	13
TD1210895	824	(459)	42	122
TD1210904	8,178	320	-	-
TD1210913	-	-	-	-
TD1210924	364	(293)	-	-
TD1210931	7,157	(617)	-	-
TD1210963	7,949	467	-	-
TD1212734	564	23	4	13
TD1214033	161,118	8,433	47	152
TD1214040	(2,319)	(799)	45	144
TD1214043	900	22	12	37
TD1214051	(5,931)	(496)	-	-
TD1214054	2,330	96	7	23
TD1214058	(895)	(84)	5	16
TD1214062	83	(16)	4	11
TD1214070	518	20	6	21
TD1215415	57,187	6,966	111	269
TD1215420	25,787	5,952	174	527
TD1215687	-	-	-	-
TD1215840	(407)	(37)	-	-
TD1215841	361	(13)	6	18
TD1215843	-	-	-	-
TD1215851	-	-	-	-
TD1215857	9,923	1,449	-	-
TD1215858	-	-	-	-
TD1215860	86	-	20	66
TD1215861	165	-	39	126
TD1215865	69	-	16	53
TD1215867	-	-	-	-
TD1215874	-	-	-	-
TD1216022	14	-	3	11
TD1216026	-	-	-	-
TD1216062	(3,607)	(610)	3	8
TD1216635	-	-	-	-
TD1216642	-	-	-	-
TD1216652	-	-	-	-
TD1216722	676	7,650	-	-
TD1216725	-	-	-	-
TD1216726	-	-	-	-
TD1216835	(2,981)	(279)	2	5
TD1217449	14	-	4	11
TD1217917	21	-	5	16
TD1218173	-	-	-	-
TD1218178	(2,981)	(296)	2	6
TD1218185	(11,844)	(3,079)	(119)	(428)
TD1218187	-	-	-	-
TD1218190	13,321	3,516	139	375
TD1218198	23	-	5	17
TD1218200	21	-	5	16
TD1218201	(17,444)	(3,985)	19	62
TD1218209	33,616	3,727	116	304
TD1218211	18,206	(1,205)	40	113
TD1218220	(6,541)	(674)	5	18
TD1218221	15,828	3,859	14	36
TD1218222	8	-	2	6
TD1218232	(35,259)	(7,050)	(210)	(529)
TD1218245	2,682	531	-	-
TD1218250	-	-	-	-
TD1218254	(2,287)	(755)	-	-
TD1218266	3,249	181	3	10
TD1218268	36,751	844	297	883
TD1218269	176,421	14,339	1,225	3,291
TD1218271	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1218281	51,633	8,270	192	518
TD1218288	(25,045)	(2,822)	(29)	(91)
TD1218289	17,020	2,699	134	355
TD1218297	81,648	5,339	475	1,171
TD1218298	6	-	1	5
TD1218308	(4,157)	(441)	2	6
TD1218310	36,551	4,065	269	719
TD1218313	47,411	3,512	63	150
TD1218316	2,653	(100)	-	-
TD1218318	93,960	11,169	840	2,041
TD1218322	340	(268)	5	16
TD1218323	18,073	3,817	101	269
TD1218327	61,227	20,617	51	110
TD1218329	602	1	9	28
TD1218335	30,648	3,825	206	549
TD1218339	28,907	4,149	69	194
TD1218343	29,772	1,781	258	658
TD1218545	16	-	4	12
TD1219127	(19,472)	(1,734)	-	-
TD1219130	(19,373)	(4,072)	-	-
TD1219132	(28,430)	(5,360)	(42)	(82)
TD1219134	61,164	5,321	72	172
TD1219136	(2,131)	(199)	-	-
TD1219627	499	(448)	4	14
TD1219628	30,886	3,108	-	-
TD1219631	(34,134)	(1,636)	22	72
TD1219645	(5,075)	(505)	3	10
TD1219676	21,751	1,832	-	-
TD1219677	37,713	2,272	195	569
TD1219682	-	-	-	-
TD1219690	(18,593)	(2,219)	(32)	(87)
TD1219693	32	-	7	24
TD1219715	25,571	2,651	83	249
TD1220206	-	-	-	-
TD1220218	24,221	2,298	75	198
TD1220270	(6,654)	(1,086)	2	7
TD1220677	-	-	-	-
TD1220678	14,001	780	129	346
TD1220679	-	-	-	-
TD1220680	-	-	-	-
TD1221131	-	-	-	-
TD1221394	1,170	27	5	15
TD1221433	(87,509)	(9,651)	(127)	(399)
TD1221440	2,224	34	46	148
TD1221462	63,764	6,075	209	520
TD1221802	(5,060)	(1,438)	7	22
TD1221816	5	-	1	4
TD1221822	3,950	271	28	77
TD1221826	(4,224)	(307)	3	11
TD1221831	(21,860)	(2,842)	(35)	(109)
TD1221840	91	-	22	69
TD1221845	(19,062)	(2,143)	-	-
TD1223092	(30,282)	(2,689)	10	32
TD1223105	(15,746)	(1,098)	9	30
TD1223111	42	-	10	32
TD1223681	7	-	2	5
TD1223682	-	-	-	-
TD1223683	(25,164)	(4,052)	7	40
TD1223684	15	-	4	12
TD1223685	406	(42)	9	30
TD1223686	-	-	-	-
TD1223687	-	-	-	-
TD1223689	24	-	6	19
TD1223690	(21,019)	(3,579)	(241)	(534)
TD1223691	15,973	211	25	81
TD1223693	(662)	(123)	20	63

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1223694	(10,115)	(695)	-	-
TD1223696	(4,016)	(1,260)	15	47
TD1223697	520	8	26	83
TD1223698	499	23	3	9
TD1223702	(444)	(12)	6	18
TD1223908	2,200	126	8	26
TD1224133	77,595	13,435	124	330
TD1224186	3,186	508	7	23
TD1224866	7	-	2	6
TD1225709	-	-	-	-
TD1225776	21,184	5,673	100	269
TD1225781	71	-	17	54
TD1225782	271	12	18	57
TD1225787	13	-	3	10
TD1225788	-	-	-	-
TD1225789	35	-	8	27
TD1225790	29	-	7	22
TD1225791	-	-	-	-
TD1227601	25	-	6	19
TD1227701	73,544	3,729	124	325
TD1227706	(3,851)	(437)	7	23
TD1228387	(4,777)	(1,195)	6	20
TD1228389	(13,521)	(3,165)	23	74
TD1228401	(10,948)	(3,003)	5	15
TD1228416	(2,582)	(198)	2	5
TD1228563	(358)	(149)	22	71
TD1228566	783	39	6	18
TD1229467	20	-	5	15
TD1230031	(1,152)	(254)	2	6
TD1230037	(682)	(257)	3	8
TD1230516	(5,261)	(1,583)	6	21
TD1230726	17	-	4	13
TD1231271	35	-	8	27
TD1233399	93,312	8,966	87	198
TD1233411	(98,592)	(11,515)	(369)	(1,133)
TD1233412	(42,633)	(6,159)	(129)	(403)
TD1233413	647	(84)	3	2
TD1233414	(61,420)	(10,883)	(46)	(141)
TD1233415	(70,073)	(12,831)	(57)	(174)
TD1233416	86	-	20	65
TD1233417	134	-	32	102
TD1233419	33	-	8	25
TD1233420	15	-	4	12
TD1233425	(89,329)	(9,160)	(168)	(519)
TD1233452	(49,404)	(4,210)	(258)	(794)
TD1233453	(76,552)	(7,852)	(141)	(433)
TD1233455	(21,517)	(57)	(66)	(344)
TD1233456	(8,109)	(961)	(21)	(64)
TD1233457	(31,096)	(3,853)	(151)	(496)
TD1233459	14	-	3	10
TD1233460	71	-	17	54
TD1233462	1,168	672	12	37
TD1233464	22,787	1,784	21	74
TD1233466	(16,290)	(2,895)	215	587
TD1233467	(51,032)	(5,234)	(93)	(287)
TD1233468	52	-	12	40
TD1233469	21	-	5	16
TD1233470	43	-	10	33
TD1233471	(4,312)	(163)	16	52
TD1233473	(4,811)	(181)	11	36
TD1233474	(85,303)	(12,319)	(268)	(834)
TD1233840	21,400	3,272	50	132
TD1234484	35,478	4,887	75	195
TD1235006	(8,941)	(1,008)	1	4
TD1235015	(7,473)	(1,224)	8	25
TD1235021	50,065	6,144	414	1,031

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1235026	20,763	1,441	59	168
TD1235183	6,792	658	-	-
TD1235253	(23,435)	(4,290)	(22)	(66)
TD1235296	(23,422)	(4,283)	(20)	(61)
TD1235453	(20,555)	(2,169)	14	46
TD1235454	(5,857)	(436)	(38)	(88)
TD1235455	(14,659)	(1,765)	25	80
TD1235456	(21,901)	(3,148)	19	60
TD1235457	(1,582)	(543)	11	36
TD1235458	(11,565)	(2,354)	-	-
TD1235459	(8,594)	(893)	11	36
TD1235471	22,032	1,581	73	184
TD1235835	21	-	5	16
TD1236759	(7,227)	(596)	12	39
TD1236768	28	-	7	22
TD1236770	(3,764)	(560)	8	26
TD1236879	(36,622)	(3,834)	(74)	(227)
TD1236882	(67,367)	(2,817)	(253)	(785)
TD1237462	15	-	4	11
TD1237517	(4,326)	(163)	10	33
TD1237548	(35,575)	(6,459)	(29)	(88)
TD1237559	(12,924)	(1,970)	(43)	(133)
TD1237592	15	-	4	11
TD1238139	12,511	(613)	89	258
TD1238268	13	-	3	10
TD1239151	1,660	89	2	8
TD1240401	31,303	2,586	97	253
TD1244201	410	(15)	25	82
TD1244212	42	-	10	32
TD1244887	(7,456)	(418)	(11)	(33)
TD1247068	8,610	331	-	-
TD1247069	14,260	1,304	-	-
TD1247070	35,304	6,711	101	238
TD1247071	(1,413)	(133)	10	32
TD1247072	(12,246)	(2,562)	-	-
TD1247073	80,486	3,805	204	562
TD1247074	(1,688)	(507)	14	44
TD1247075	(7,155)	(1,353)	14	45
TD1247083	18,128	867	-	-
TD1247085	7,604	754	-	-
TD1247086	12,269	2,157	5	11
TD1247090	36,387	(201)	(12)	(41)
TD1247094	9	-	2	7
TD1247096	(102)	(526)	-	-
TD1247098	(72)	(8)	2	7
TD1247100	8,158	528	-	-
TD1247102	142,914	8,969	281	679
TD1247103	31,717	9,551	180	462
TD1247105	(902)	(83)	1	4
TD1247107	10,978	1,041	-	-
TD1247108	74,785	8,232	261	614
TD1247111	34,816	4,763	102	224
TD1247116	54,778	4,421	74	220
TD1247117	(11,440)	(6,739)	-	-
TD1247120	(3,360)	(296)	-	-
TD1247121	(5,677)	(780)	31	101
TD1247122	16,933	4,132	9	21
TD1247123	43,436	8,821	91	257
TD1247124	(1,530)	(145)	-	-
TD1247126	40,992	7,008	100	271
TD1247127	67,084	17,211	82	201
TD1247128	12,763	1,422	5	10
TD1248175	24,893	3,041	28	76
TD1248182	20,380	3,828	21	54
TD1249253	(38,564)	(9,988)	(446)	(1,170)
TD1249366	11	-	3	8

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1250368	21,179	1,106	36	93
TD1251928	1,149	57	9	27
TD1251950	4,236	160	4	12
TD1252968	50,275	4,013	309	839
TD1252969	(3,804)	(618)	12	39
TD1252970	53,287	(901)	50	101
TD1252971	(1,045)	(96)	6	19
TD1252972	(247)	(24)	3	9
TD1252973	(395)	(37)	3	9
TD1252974	(562)	(90)	15	49
TD1252975	(649)	(62)	9	28
TD1252976	(245)	(24)	4	13
TD1252978	21,655	2,965	53	125
TD1252979	(380)	221	5	17
TD1252980	15,776	2,892	57	121
TD1252981	(1,056)	(98)	4	13
TD1252982	32,273	4,844	215	529
TD1252983	35,495	6,098	184	485
TD1255027	19,224	2,334	93	234
TD1257646	5,291	656	14	47
TD1257648	6,006	490	4	14
TD1257673	(11,757)	(2,148)	(9)	(28)
TD1257674	(48,998)	(5,125)	(96)	(298)
TD1257675	(121,946)	(12,783)	(238)	(733)
TD1257677	(77,854)	(8,665)	(320)	(989)
TD1257678	(11,476)	(2,104)	(9)	(29)
TD1257733	2,749	28	11	36
TD1257789	(5,501)	(806)	4	13
TD1257793	266	82	-	-
TD1257819	5,987	516	-	-
TD1257843	(12,143)	(5,142)	-	-
TD1257894	1,180	(18)	12	40
TD1257905	3,505	170	11	35
TD1257909	6,899	351	4	12
TD1257915	(7,373)	(1,351)	1	4
TD1257920	28,286	1,997	100	256
TD1257950	(26,515)	(4,416)	9	30
TD1257989	5,546	322	6	20
TD1258002	52,676	13,305	62	159
TD1258182	1,082	53	7	23
TD1258188	28,087	6,452	48	126
TD1258212	159	(5)	3	9
TD1258744	(1,586)	(401)	-	-
TD1259072	(144)	(41)	8	27
TD1259863	26,493	7,234	64	144
TD1259865	18,028	1,932	21	49
TD1259866	(438)	(1,044)	(14)	(50)
TD1259868	(744)	(80)	2	7
TD1259869	(742)	(80)	3	9
TD1259870	(743)	(80)	3	8
TD1259871	(531)	(67)	-	-
TD1259872	(9,356)	(1,103)	-	-
TD1259873	20,063	2,289	10	23
TD1259874	12,353	635	8	16
TD1259875	29,865	2,676	14	30
TD1259876	38,164	3,028	73	163
TD1259878	15,425	1,372	28	61
TD1259880	86,472	5,369	33	71
TD1259881	62,894	5,310	146	311
TD1259882	(6,658)	(717)	29	94
TD1259883	(184)	(19)	5	15
TD1259886	(8,043)	(2,062)	-	-
TD1259887	13,249	2,079	132	312
TD1259888	17,881	1,441	25	64
TD1259891	(406)	(37)	-	-
TD1259892	4,858	(1,922)	(5)	(29)

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1259894	(305)	(29)	1	4
TD1259895	15,647	2,123	7	17
TD1259896	318	10	-	-
TD1259897	13,849	2,268	46	105
TD1259984	(20,509)	(2,736)	(49)	(138)
TD1259990	10,170	1,814	80	224
TD1259996	14,772	790	66	188
TD1260021	44,338	13,833	81	211
TD1260033	34,601	6,798	39	97
TD1260036	51,138	4,337	122	316
TD1260040	42,024	2,700	306	771
TD1260093	(9,183)	(1,142)	3	9
TD1260094	(4,022)	(267)	2	5
TD1260095	213,447	13,424	688	1,643
TD1260096	(6,523)	(1,003)	3	11
TD1260189	(6,563)	(1,232)	-	-
TD1260190	32,863	1,722	25	68
TD1260193	(6,362)	(862)	2	6
TD1260195	(3,096)	(415)	4	12
TD1260208	(26,963)	(3,691)	(46)	(102)
TD1260211	3,144	129	-	-
TD1260378	27,936	1,867	17	45
TD1260395	16,043	2,258	35	97
TD1260408	(23,864)	(3,042)	-	-
TD1260410	147,610	14,303	610	1,457
TD1260457	22,943	5,253	46	132
TD1260458	(1,129)	(105)	3	11
TD1260459	26,503	2,357	13	27
TD1260463	18,280	2,787	8	18
TD1260465	(94)	387	-	-
TD1260466	(248)	(24)	3	9
TD1260467	23,872	3,610	6	13
TD1260468	168	(4)	4	13
TD1260469	117,180	9,253	257	648
TD1260471	(5,338)	(1,652)	-	-
TD1260473	44,454	6,666	49	152
TD1260474	14,094	2,122	4	13
TD1260475	(16,518)	(2,456)	(1)	(0)
TD1260477	17,799	1,142	3	6
TD1260478	21,471	2,097	8	18
TD1260502	38,022	3,405	62	157
TD1260545	20,210	1,369	8	17
TD1260582	19,205	1,323	15	38
TD1260585	22,718	1,730	10	23
TD1260587	(15,365)	(1,600)	(35)	(95)
TD1260588	44,399	3,174	37	93
TD1260590	31,287	8,448	105	247
TD1260591	22,977	2,051	58	146
TD1260595	2,420	529	-	-
TD1260599	22,747	3,410	18	39
TD1260605	19,228	1,186	8	20
TD1260615	29,583	2,624	17	43
TD1260645	58,903	4,989	61	130
TD1260648	(702)	(61)	5	16
TD1260649	(63)	(8)	4	13
TD1260650	31,464	3,509	23	48
TD1260656	40,217	4,837	152	429
TD1260657	12,653	2,576	54	159
TD1260659	15,492	1,031	20	50
TD1260661	30,455	2,989	39	83
TD1260663	15,496	901	-	-
TD1260666	34,185	3,336	13	34
TD1260668	(886)	(167)	-	-
TD1260673	31,808	2,939	12	25
TD1260674	2,660	94	-	-
TD1260722	21,497	2,393	34	80

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1260800	431	(3)	-	-
TD1260813	(7,392)	(1,344)	-	-
TD1260833	499	(22)	8	26
TD1260893	238	(20)	6	18
TD1260944	62,354	8,651	227	605
TD1260950	42,499	15,753	67	188
TD1260992	36,812	1,360	(117)	9
TD1261001	29,758	3,032	46	119
TD1261006	(17,301)	(3,782)	7	23
TD1261010	(1,573)	(466)	6	18
TD1261012	(24,075)	(2,206)	15	48
TD1261099	(259)	(24)	-	-
TD1261164	9,496	539	-	-
TD1261176	1,332	51	5	16
TD1261194	7,354	430	4	14
TD1261200	38,849	8,563	56	158
TD1261210	42,325	6,930	73	198
TD1261558	33,860	3,396	137	368
TD1261563	5,407	250	6	21
TD1261567	23,648	2,626	47	119
TD1261576	43,638	4,671	32	73
TD1261794	(10,971)	(681)	3	10
TD1261805	2,651	152	4	13
TD1261809	(8,698)	(1,836)	12	38
TD1262042	47,207	10,070	136	369
TD1262247	410	12	6	18
TD1263293	836	29	7	22
TD1263294	(21,152)	(3,829)	(33)	(101)
TD1263296	1,003	16	-	-
TD1263299	6,621	342	6	18
TD1263300	3,846	202	4	14
TD1263301	3,876	535	-	-
TD1263302	2,639	(236)	4	13
TD1263304	11,591	(92)	7	22
TD1263306	38,341	3,503	24	66
TD1263309	30,519	5,290	68	195
TD1263310	10,328	578	-	-
TD1263312	39,876	3,815	108	255
TD1263313	8,212	995	2	8
TD1263317	25,767	2,950	25	61
TD1263319	8,535	668	-	-
TD1263321	33,447	5,593	103	251
TD1263324	43,287	4,717	144	357
TD1263325	46,781	5,360	45	131
TD1263326	(11,772)	(634)	7	23
TD1263330	(6,657)	29	(1)	(0)
TD1263332	28,540	2,400	52	141
TD1263333	(40,441)	(5,594)	(58)	(126)
TD1263335	(2,338)	(2,323)	-	-
TD1263345	37,688	11,147	56	153
TD1263347	27,440	3,044	34	88
TD1263349	(245)	(24)	4	14
TD1263351	485	(33)	5	17
TD1263352	(1,450)	(195)	-	-
TD1263356	27,587	2,316	54	146
TD1263357	54,723	7,112	55	150
TD1263360	(4,435)	(847)	56	179
TD1263362	51,722	4,062	180	509
TD1263364	875	31	6	21
TD1263365	26,617	4,119	11	26
TD1263367	26,986	9,079	134	377
TD1263369	26,854	3,689	27	80
TD1263443	7,531	338	28	60
TD1263444	29,887	2,562	38	94
TD1263446	70	(21)	3	11
TD1263449	38,068	10,332	36	88

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1263496	(3,863)	(354)	4	12
TD1263502	37,508	3,611	44	115
TD1263504	23,202	2,210	5	11
TD1263514	(12,799)	(1,728)	(17)	(42)
TD1263518	44,258	3,221	49	119
TD1263596	(2,095)	(1,672)	(17)	(52)
TD1263612	258	(11)	7	22
TD1263627	(970)	(375)	-	-
TD1263632	(202)	(105)	8	25
TD1263636	30,711	5,517	58	129
TD1263647	(7,976)	(1,140)	-	-
TD1263653	49,641	3,274	102	270
TD1263678	64,738	3,025	65	154
TD1263695	25,386	2,825	109	292
TD1263700	108,601	9,198	287	676
TD1263702	1,059	(729)	13	42
TD1263707	12,234	1,122	3	8
TD1263718	35,710	5,686	31	79
TD1263722	(31,219)	(11,008)	(320)	(942)
TD1263731	32,711	2,290	50	136
TD1263733	23,481	1,703	30	72
TD1263738	(12,007)	(7,460)	-	-
TD1263741	54,580	5,058	23	63
TD1263748	4	-	1	3
TD1265881	166,768	10,523	265	646
TD1265919	15,661	616	-	-
TD1265929	39,111	4,331	54	149
TD1265975	26,919	(369)	-	-
TD1265976	31,329	8,312	47	103
TD1265978	(102)	(40)	5	17
TD1266011	4,192	(921)	47	94
TD1266012	384	(101)	-	-
TD1266013	(6,525)	(433)	-	-
TD1266014	19,807	6,298	83	196
TD1266105	(700)	(65)	5	15
TD1267215	(2,849)	(1,120)	5	17
TD1267328	8,665	539	19	55
TD1267377	3,097	1,033	16	50
TD1267393	85,075	11,694	266	626
TD1267491	(263)	(57)	6	19
TD1267589	4,035	1,431	46	102
TD1268965	9,882	(760)	44	121
TD1269019	54,863	4,116	43	101
TD1269057	(1,308)	(451)	2	6
TD1269421	74,516	6,716	247	605
TD1269433	149	70	-	-
TD1269458	2,010	219	-	-
TD1269563	1,781	145	-	-
TD1269597	3,257	554	13	45
TD1269603	12,042	(329)	18	41
TD1269711	17,266	496	15	42
TD1269777	169	(232)	-	-
TD1269778	6,073	613	-	-
TD1269781	24,076	1,715	30	70
TD1270186	11,735	998	22	57
TD1270187	61,551	3,285	336	791
TD1270191	18,530	2,825	8	18
TD1270999	(24,408)	(2,552)	(46)	(142)
TD1271683	28,823	3,053	39	93
TD1271684	31,667	4,360	71	167
TD1271685	111,910	10,640	609	1,432
TD1271687	41,310	4,414	370	870
TD1271689	32,126	6,065	241	614
TD1271690	(1,485)	(138)	4	13
TD1271692	210,273	18,956	621	1,404
TD1271694	86,962	15,622	1,294	3,214

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1271695	(19,732)	(2,622)	(61)	(178)
TD1271696	28,099	6,523	109	287
TD1271697	124,656	26,333	450	1,155
TD1271698	46,843	11,548	608	1,607
TD1271699	(3,527)	(1,108)	-	-
TD1271700	2,147	252	8	26
TD1271701	(1,505)	(146)	23	73
TD1271702	57,502	14,117	351	884
TD1271703	(318)	(32)	6	20
TD1271705	42,140	2,828	240	505
TD1271706	29,675	1,904	26	67
TD1271708	(583)	(68)	2	5
TD1271709	(21,102)	(2,380)	(35)	(95)
TD1271711	(3,274)	(1,127)	-	-
TD1271713	68,316	6,177	269	649
TD1271716	27,641	3,882	64	150
TD1271717	30,285	3,934	52	123
TD1271720	5,351	167	(28)	(122)
TD1271721	(978)	(94)	7	23
TD1271722	(654)	(62)	3	9
TD1271723	(2,412)	(228)	8	27
TD1271724	17,371	1,562	20	42
TD1271725	(7,945)	(724)	4	13
TD1271726	(12,732)	(3,572)	(31)	(68)
TD1271730	28,599	2,523	148	349
TD1272391	14,470	1,499	15	49
TD1272392	(31,461)	(1,757)	(37)	(114)
TD1272393	(148,510)	(14,553)	(623)	(1,912)
TD1272394	(51,041)	(5,234)	(95)	(293)
TD1272395	(140,439)	(14,395)	(280)	(865)
TD1272396	(125,664)	(15,859)	(206)	(636)
TD1272397	(112,224)	(12,356)	(382)	(1,177)
TD1272398	(128,093)	(8,517)	(381)	(1,179)
TD1272399	(102,125)	(10,469)	(201)	(620)
TD1272400	(133,368)	(13,079)	(564)	(1,734)
TD1272401	(113,667)	(7,574)	(324)	(1,002)
TD1272512	(1,061)	(98)	3	9
TD1272529	352	(10)	5	15
TD1272537	17,070	7,798	158	421
TD1272584	32,273	2,432	37	95
TD1272593	38,955	4,670	52	140
TD1272612	4,885	(51)	-	-
TD1272614	18,003	5,130	36	87
TD1272929	9,519	459	-	-
TD1272930	53,878	4,630	90	247
TD1272933	30,706	7,946	85	204
TD1272939	152,966	12,168	107	298
TD1273478	9,819	(160)	5	14
TD1273479	11,695	3,252	-	-
TD1273480	(7,872)	(2,060)	-	-
TD1273484	21,719	2,738	55	133
TD1273485	15,252	4,496	5	12
TD1273492	9,782	414	-	-
TD1273494	(754)	(80)	-	-
TD1273495	15,159	1,416	3	6
TD1273496	15,731	1,596	3	7
TD1273498	66,454	4,796	44	104
TD1273500	(2,778)	(936)	-	-
TD1273501	54,823	11,988	114	269
TD1273502	15,733	1,754	11	23
TD1273503	(2,927)	(1,080)	-	-
TD1273595	45,351	4,080	30	73
TD1273597	27,519	6,379	111	269
TD1273634	95,990	31,184	133	321
TD1273636	16,592	(654)	52	129
TD1273644	42,545	3,609	48	117

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1273653	33,091	6,276	17	42
TD1273766	29,263	5,377	65	169
TD1274195	(49,023)	(5,148)	(95)	(293)
TD1274279	(41,479)	(4,449)	(48)	(146)
TD1274296	54,702	2,996	148	420
TD1274306	45,852	2,575	96	265
TD1274392	2,846	145	7	23
TD1274395	(64,493)	(16,732)	(20)	(63)
TD1274396	2,419	470	-	-
TD1274398	17,598	3,032	32	81
TD1274400	(20,269)	(2,405)	(41)	(127)
TD1274406	(2,614)	(1,302)	(145)	(464)
TD1274408	58,673	6,223	161	379
TD1274409	105,323	10,154	608	1,801
TD1274413	1,641	65	(47)	(160)
TD1274414	55,613	1,417	405	826
TD1274421	31,056	475	27	74
TD1274422	89,966	2,891	522	1,382
TD1274493	80,068	18,405	247	708
TD1274500	72,924	9,589	370	873
TD1274503	(1,703)	(1,123)	(61)	(166)
TD1274512	862	(720)	(103)	(329)
TD1274527	(97,454)	(10,686)	(382)	(1,170)
TD1274536	80,405	16,434	87	229
TD1274540	118,916	27,376	146	365
TD1274562	(32,213)	(9,359)	(52)	(161)
TD1274584	(73,463)	(8,706)	(320)	(989)
TD1274608	(10,496)	(1,180)	(40)	(124)
TD1274618	(10,608)	(1,187)	(37)	(112)
TD1274630	16,754	(1,064)	(128)	(373)
TD1274779	(120,724)	(14,181)	(160)	(492)
TD1274937	48,343	5,938	61	149
TD1274953	53,996	8,743	54	131
TD1274967	22,214	5,243	42	111
TD1275016	17,664	1,463	10	27
TD1275026	15,069	1,242	19	46
TD1276122	40,551	3,992	85	181
TD1276125	(9,407)	(1,524)	(21)	(57)
TD1276126	342	(4)	-	-
TD1276129	17,292	2,430	21	50
TD1276134	13,774	1,649	13	28
TD1276136	84,800	10,890	140	359
TD1276138	7,865	1,486	24	62
TD1276144	24,306	4,789	37	104
TD1276158	37,991	2,663	102	262
TD1276161	64,310	3,250	134	370
TD1276167	68,362	5,111	260	627
TD1276374	37,670	9,861	232	572
TD1276375	18,580	2,896	21	49
TD1276398	1,181	43	6	18
TD1276408	8,278	360	7	22
TD1276427	4,282	(212)	(63)	(200)
TD1276483	44,699	9,145	112	299
TD1278279	29,582	7,559	117	289
TD1278750	253,400	16,403	1,702	4,003
TD1278751	23,558	1,504	37	92
TD1278752	(2,588)	(574)	(37)	(90)
TD1278753	38,907	2,287	66	143
TD1278754	15,956	2,201	71	170
TD1278755	16,464	1,313	24	51
TD1278832	34,099	3,193	38	91
TD1278838	(6,782)	(3,340)	-	-
TD1281308	223,276	10,544	1,199	2,850
TD1281309	174,246	7,400	230	504
TD1281310	14,831	(378)	(11)	(28)
TD1281311	(6,667)	(8,068)	(718)	(494)

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1281312	(128)	(19)	-	-
TD1281314	35,355	2,087	83	187
TD1282274	29,409	3,476	98	219
TD1282839	15,438	3,199	84	221
TD1283988	26,482	3,154	34	93
TD1283989	(4,703)	(1,989)	-	-
TD1283990	2,543	110	7	21
TD1284016	130,788	4,782	179	422
TD1284017	169,637	10,294	1,093	2,571
TD1284018	88,400	5,613	69	162
TD1284143	94,227	5,302	474	1,122
TD1284145	116,451	11,010	289	685
TD1284182	69,526	(436)	162	367
TD1284357	14,032	1,902	31	89
TD1284580	42,690	4,479	61	130
TD1284697	97,111	5,934	44	121
TD1284698	2,059	86	-	-
TD1284972	47,529	7,000	60	127
TD1285002	24,575	1,534	15	36
TD1285047	26,363	2,502	9	19
TD1285056	88,612	5,775	120	285
TD1285085	29,532	2,636	14	34
TD1285094	2,264	(232)	14	40
TD1285098	12,484	591	19	49
TD1285146	11,487	1,233	5	12
TD1285147	91,670	8,116	137	293
TD1285149	18,370	3,874	38	82
TD1285150	22,803	1,577	11	24
TD1285716	11,070	666	68	176
TD1285717	631	104	4	14
TD1285719	(593)	(366)	10	32
TD1285720	806	176	3	9
TD1285859	52,960	3,375	63	166
TD1286822	154,954	10,901	162	409
TD1286823	79,029	6,524	82	230
TD1286825	(2,828)	(112)	15	37
TD1286826	25,468	3,797	33	78
TD1286827	71,683	3,351	59	141
TD1286828	34,493	2,452	57	134
TD1286829	466	(66)	-	-
TD1286830	197,163	14,050	413	995
TD1286831	47,183	4,011	139	309
TD1286832	21,164	2,822	16	39
TD1286833	25,613	3,177	24	59
TD1286834	131,684	6,218	388	956
TD1286835	23,029	2,094	25	59
TD1286836	7,710	572	13	27
TD1286837	25,856	1,995	44	94
TD1286838	26,334	231	29	62
TD1286839	76,517	4,169	151	355
TD1286840	26,991	2,362	51	120
TD1286841	92,731	8,842	237	558
TD1286842	69,338	5,310	197	476
TD1286843	15,005	3,264	17	39
TD1286844	78,398	4,944	330	781
TD1286845	108,500	20,142	129	309
TD1289768	11,735	576	6	12
TD1291020	142,145	5,547	187	440
TD1291021	103,952	4,302	113	266
TD1291023	118,377	6,047	202	475
TD1291026	16,296	1,518	40	94
TD1291027	117,145	6,964	334	712
TD1291322	27,292	2,335	50	117
TD1291348	34,439	2,778	60	165
TD1292797	19,771	2,253	27	58
TD1292798	24,923	2,705	29	61

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1292823	(1,143)	(105)	-	-
TD1292824	89,274	13,282	191	449
TD1292831	18,210	1,348	30	64
TD1292832	26,003	8,264	21	49
TD1295138	430	951	19	61
TD1295467	40,032	1,772	181	426
TD1295468	108,000	28,402	205	484
TD1295469	9,429	1,848	14	32
TD1295470	27,598	3,903	57	135
TD1295471	108,074	8,585	483	1,158
TD1295472	33,012	5,480	38	88
TD1295473	59,899	4,722	34	77
TD1295475	19,575	2,392	22	52
TD1295476	11,687	1,064	25	64
TD1295477	5,315	3,675	54	129
TD1295479	95,343	8,318	399	881
TD1295480	71,848	7,069	100	240
TD1295481	79,394	5,123	217	468
TD1295482	10,542	1,294	9	21
TD1296946	38,626	1,669	104	245
TD1297377	43,120	3,164	28	74
TD1297389	2,204	1,437	(49)	(149)
TD1297913	27,416	3,154	330	652
TD1299653	8,815	825	51	120
TD1299670	12,117	772	28	66
TD1299785	22,661	3,384	58	141
TD1300539	27,369	1,675	31	73
TD1300544	25,883	2,429	15	34
TD1300546	34,253	2,692	30	66
TD1300547	38,034	7,701	78	183
TD1302240	18,533	3,035	31	73
TD1302707	(485)	378	11	24
TD1302722	20,204	3,184	15	32
TD1303542	24,214	4,409	50	119
TD1304936	(24,028)	8,812	(334)	(1,110)
TD1305807	383,032	91,289	145	357
TD1305810	(8,174)	(1,984)	(65)	(199)
TD1305813	128,533	28,030	334	803
TD1305814	17,006	3,143	26	70
TD1305816	57,910	14,826	59	145
TD1306103	3,100	1,654	4	14
TD1311109	11,969	1,051	24	57
TD1311763	16,733	931	7	17
TD1311764	26,088	2,348	10	24
TD1311767	29,875	2,570	18	42
TD1311768	27,861	2,253	101	239
TD1311804	35,558	4,438	38	84
TD1312597	28,579	2,134	20	46
TD1312604	20,648	1,765	29	67
TD1312863	28,036	5,442	188	449
TD1312908	8,672	4,172	(254)	(741)
TD1312915	147,076	8,654	405	953
TD1313907	32,046	5,026	27	64
TD1313920	33,373	7,471	64	150
TD1314154	28,244	2,740	32	69
TD1314155	29,989	7,750	14	34
TD1314157	19,802	3,962	76	179
TD1314160	29,736	10,979	17	40
TD1314161	(383)	(754)	37	87
TD1314163	45,892	3,368	72	168
TD1314164	29,736	1,269	57	133
TD1314165	38,738	2,999	83	194
TD1314167	11,773	(1,153)	(21)	(46)
TD1314170	23,232	3,086	28	59
TD1314215	49,721	3,513	47	111
TD1314216	6,456	(10)	(75)	(244)

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1314217	(83,649)	(6,593)	(482)	(1,581)
TD1314219	(39,381)	(2,188)	(317)	(1,035)
TD1314330	64,618	8,567	42	100
TD1314354	30,485	3,324	53	125
TD1314385	20,419	2,424	30	72
TD1314409	30,909	2,016	24	55
TD1314448	18,880	1,990	17	39
TD1314559	40,278	3,078	85	200
TD1314640	(25,072)	(3,846)	(441)	(1,249)
TD1314656	20,280	2,724	13	30
TD1314664	18,231	(205)	15	(81)
TD1314714	16,218	(2,980)	(59)	(172)
TD1314715	4,939	(285)	(29)	(102)
TD1314716	(22,040)	(7,741)	(48)	(261)
TD1314717	(3,027)	(2,860)	(158)	(435)
TD1314718	6,207	1,277	16	26
TD1314719	445	(769)	(92)	(318)
TD1314720	9,393	493	8	7
TD1314721	36,071	7,582	24	51
TD1314723	4,687	(2,826)	3	(18)
TD1314727	(2,200)	(1,210)	6	(27)
TD1314728	115	(592)	(74)	(240)
TD1314731	(4,958)	(2,537)	(391)	(1,261)
TD1315183	173,330	65,495	323	689
TD1315194	117,690	20,573	49	104
TD1315405	82,996	2,329	181	387
TD1315418	78,410	18,165	169	398
TD1315458	161,342	23,031	237	561
TD1315501	71,255	12,237	84	197
TD1315519	61,758	2,762	55	129
TD1316051	11,829	1,581	37	85
TD1316413	33,197	2,770	101	242
TD1316773	125,303	24,553	136	319
TD1316799	49,179	3,482	184	434
TD1316849	62,466	12,234	55	129
TD1317014	16,189	1,036	25	59
TD1317016	25,060	(2,690)	1	(55)
TD1317036	52,119	3,710	30	70
TD1317167	17,314	994	8	18
TD1317169	19,136	1,085	8	20
TD1317170	22,251	1,608	4	9
TD1317171	12,480	1,255	19	46
TD1317179	15,475	2,901	64	150
TD1317184	29,307	1,730	21	49
TD1317188	37,714	5,638	63	148
TD1317194	48,779	8,547	61	144
TD1317196	59,792	4,257	9	18
TD1317202	115,529	9,317	163	384
TD1317211	141,083	44,780	413	903
TD1317212	45,885	10,330	115	256
TD1317213	154,476	12,038	266	626
TD1317215	15,536	1,552	7	16
TD1317217	48,476	15,024	22	52
TD1317219	6,429	1,901	4	10
TD1317220	19,965	1,273	9	21
TD1317221	(37,662)	(10,359)	(35)	(83)
TD1317223	166,377	12,797	372	876
TD1317233	21,806	5,309	26	62
TD1317272	294,212	40,904	1,329	3,126
TD1317273	55,558	12,924	45	105
TD1317278	15,738	6,445	35	76
TD1320030	37,864	1,665	32	76
TD1320117	(3,005)	(5,821)	2	6
TD1320141	37,713	9,098	42	104
TD1320295	29,249	1,616	28	65
TD1320363	35,429	3,073	89	210

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1320373	12,361	4,515	5	11
TD1320392	46,282	3,311	33	79
TD1320399	24,981	2,406	9	20
TD1320493	12,705	901	9	21
TD1320504	41,115	3,644	124	291
TD1320529	39,598	4,579	17	40
TD1320547	22,084	1,200	31	74
TD1320557	13,978	2,786	37	87
TD1320909	34,019	2,944	20	46
TD1320925	24,414	2,172	27	64
TD1320932	14,907	3,586	18	42
TD1320946	20,399	2,065	20	48
TD1320956	16,886	4,833	15	32
TD1320957	26,851	1,993	21	49
TD1320958	29,112	1,682	13	30
TD1320959	(7,546)	(998)	(154)	(475)
TD1320960	38,890	2,068	17	39
TD1321031	(6,722)	(3,748)	(253)	(716)
TD1321033	21,420	1,580	10	23
TD1321034	16,602	755	3	7
TD1321035	(4,931)	1,213	(361)	(1,068)
TD1321036	15,004	4,002	10	25
TD1321040	67,264	4,420	29	67
TD1321042	31,460	2,020	39	93
TD1321054	46,104	4,459	22	51
TD1321061	6,410	764	5	12
TD1321138	41,963	2,491	23	54
TD1321158	20,283	956	14	33
TD1321170	27,974	2,968	45	106
TD1321173	19,485	1,103	39	91
TD1321226	63,569	6,914	94	220
TD1321229	21,869	1,792	14	33
TD1321476	19,905	2,621	16	38
TD1321490	77,168	15,030	19	28
TD1321509	56,841	4,533	94	222
TD1321511	51,249	3,635	21	49
TD1321512	10,810	3,173	8	17
TD1321903	21,853	1,894	10	24
TD1321904	6,868	1,400	16	37
TD1321906	122,390	7,934	230	541
TD1321908	158,378	7,961	621	1,461
TD1321909	28,592	3,446	80	189
TD1321911	17,982	3,557	50	119
TD1321912	17,316	(96)	30	71
TD1321913	10,473	667	31	74
TD1321915	68,488	5,441	246	579
TD1321925	35,928	3,083	106	249
TD1321931	19,084	8,355	13	28
TD1321932	14,363	2,417	3	8
TD1321935	20,913	1,603	45	106
TD1321946	19,801	2,042	6	14
TD1321947	26,080	2,824	72	171
TD1324870	64,914	3,060	14	34
TD1324873	74,512	6,077	46	109
TD1324876	20,625	2,123	55	129
TD1324877	23,315	2,408	12	29
TD1324880	28,856	1,810	19	46
TD1324883	27,285	3,314	23	54
TD1324884	76,512	4,343	66	155
TD1324888	38,465	10,936	43	104
TD1324896	17,805	4,683	22	52
TD1324898	50,455	2,387	39	92
TD1324899	29,930	4,505	26	62
TD1324902	20,807	5,251	16	39
TD1324905	20,953	4,460	22	52
TD1324908	60,854	19,734	14	32

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1326454	12,387	1,167	6	14
TD1326462	15,556	1,511	5	13
TD1326466	15,913	1,635	17	39
TD1326469	57,788	4,608	37	86
TD1326478	14,497	3,301	15	32
TD1326492	13,206	963	3	6
TD1326496	19,911	1,578	5	13
TD1326501	26,777	1,758	12	29
TD1326506	13,747	876	4	8
TD1326544	47,084	2,509	21	48
TD1326554	11,419	630	6	13
TD1326556	15,205	1,120	8	18
TD1326565	110,561	8,964	203	477
TD1326569	121,053	6,672	150	353
TD1326571	(19,035)	(8,005)	(340)	(1,025)
TD1326573	31,213	1,542	59	138
TD1327168	41,154	1,360	128	300
TD1327169	10,769	791	5	12
TD1327170	12,780	1,148	6	14
TD1327173	13,153	869	6	14
TD1327174	32,653	2,489	19	45
TD1327833	16,046	3,183	7	18
TD1328640	14,920	2,502	8	20
TD1328804	201,761	11,355	731	1,719
TD1328818	16,649	1,711	23	55
TD1328831	17,292	1,097	68	159
TD1328851	(22,522)	2,309	(142)	(535)
TD1328853	2,154	165	9	11
TD1329522	30,123	2,660	39	92
TD1330038	33,667	1,963	18	42
TD1330450	2,659	1,095	5	15
TD1330645	36,295	4,007	14	33
TD1330646	24,305	8,257	25	59
TD1330648	26,491	2,539	19	44
TD1330650	28,511	1,856	16	38
TD1330651	22,048	2,321	5	11
TD1330658	78,748	5,326	79	185
TD1330688	24,215	2,172	28	66
TD1330695	29,917	2,307	29	68
TD1330699	30,458	7,063	149	351
TD1330700	13,340	4,248	21	49
TD1330701	26,925	1,993	22	52
TD1332136	60,178	6,431	68	160
TD1332186	120,584	5,701	458	1,077
TD1332205	49,496	1,991	89	190
TD1332211	91,614	17,477	156	367
TD1332217	75,052	13,756	72	153
TD1332238	23,194	3,269	(10)	(45)
TD1332394	47,521	6,840	61	144
TD1332416	26,899	9,259	19	40
TD1332514	19,445	5,311	41	98
TD1332521	51,613	10,711	110	235
TD1332526	68,012	2,362	115	272
TD1332532	19,371	1,260	62	147
TD1333475	17,854	1,917	17	40
TD1333478	32,697	3,794	33	77
TD1333479	37,362	3,938	17	41
TD1334846	29,031	2,916	9	21
TD1334973	31,881	2,295	30	72
TD1334979	28,138	4,427	30	71
TD1334988	32,899	8,269	66	155
TD1334993	61,139	15,416	143	304
TD1335060	29,013	1,655	7	17
TD1335291	26,809	2,051	12	28
TD1335292	(71,185)	(27,483)	(1,163)	(3,526)
TD1335293	(896)	(8,951)	13	40

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1335294	6,907	(2,967)	15	34
TD1335295	17,377	2,131	8	18
TD1335297	1,202	(3,271)	(158)	(484)
TD1335298	10,796	873	16	37
TD1335300	2,203	(286)	19	46
TD1335305	21,493	975	5	12
TD1335306	27,740	4,851	17	39
TD1336001	39,839	3,773	26	60
TD1336013	18,714	1,987	28	65
TD1336051	23,283	3,644	29	69
TD1336067	82,709	3,153	190	447
TD1336075	8,496	1,890	10	21
TD1336107	56,461	7,399	13	28
TD1336122	5,916	(1,872)	(195)	(558)
TD1336132	140,612	28,351	251	590
TD1336180	32,325	8,995	30	70
TD1336232	181,565	28,695	222	523
TD1336366	243,985	35,663	218	512
TD1336414	(44,211)	8,426	(614)	(1,846)
TD1336427	131,332	26,010	31	67
TD1336432	(18,466)	(4,530)	(481)	(1,635)
TD1336442	(19,426)	4,243	(220)	(718)
TD1336444	25,592	5,177	62	133
TD1336446	119,049	26,666	408	960
TD1336449	50,843	11,145	182	428
TD1336683	18,747	5,168	26	62
TD1336699	97,061	9,659	107	252
TD1336722	14,702	4,389	12	27
TD1336751	618	(1,763)	(123)	(337)
TD1336766	18,468	5,205	7	14
TD1336828	219	(551)	(63)	(182)
TD1336855	80,425	17,120	125	293
TD1336861	9,766	3,410	(9)	(37)
TD1336874	12,660	4,796	12	28
TD1336885	(6,130)	(2,627)	(219)	(616)
TD1336898	27,984	2,604	30	71
TD1336921	47,523	12,563	63	134
TD1336938	5,251	2,386	10	12
TD1337827	26,292	1,759	5	12
TD1337831	24,605	2,698	40	95
TD1337833	16,792	4,114	17	40
TD1337834	21,051	1,122	45	105
TD1337836	19,819	5,699	35	81
TD1337839	(523)	(744)	5	11
TD1337845	26,724	3,675	28	65
TD1337846	31,371	5,549	131	308
TD1338094	56,487	3,271	53	125
TD1338095	19,697	1,928	10	23
TD1338096	8,620	954	13	27
TD1338097	25,455	7,782	13	30
TD1338098	42,389	3,510	95	223
TD1338100	34,127	500	(2,181)	(1,912)
TD1338102	12,118	884	22	18
TD1338107	45,079	3,962	61	145
TD1338109	15,280	1,063	27	63
TD1338111	72,304	5,835	251	591
TD1338112	166,922	10,984	403	905
TD1338113	168,543	12,747	550	1,294
TD1338115	56,779	5,049	126	295
TD1338117	97,695	6,145	205	483
TD1338118	142,030	5,738	473	1,112
TD1338121	125,136	5,042	480	1,129
TD1338122	55,714	2,272	54	128
TD1338123	-	-	-	-
TD1338125	57,535	11,243	135	317
TD1338458	26,101	2,110	12	28

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1339205	27,334	2,491	18	43
TD1339272	29,281	7,415	66	155
TD1339506	28,909	1,531	119	280
TD1339512	12,169	859	12	29
TD1339513	30,713	5,862	24	57
TD1339514	88,372	3,981	113	265
TD1339516	55,808	4,184	101	237
TD1339520	61,409	12,412	5	28
TD1339523	56,836	3,050	135	317
TD1339694	12,213	2,112	32	76
TD1339696	4,942	1,302	29	67
TD1340096	45,901	2,442	300	705
TD1340658	(2,826)	1,292	(38)	(123)
TD1340676	37,016	9,359	36	77
TD1340758	32,681	6,735	69	163
TD1342246	249,478	9,566	680	1,601
TD1342247	28,457	7,480	48	112
TD1342250	47,258	12,751	60	140
TD1342251	15,395	956	21	49
TD1342252	40,794	2,748	104	246
TD1342253	28,090	(2,807)	54	164
TD1342254	150,811	24,380	268	631
TD1342255	31,546	8,847	12	26
TD1342256	23,145	1,726	15	36
TD1342257	20,263	6,224	32	75
TD1342258	15,610	3,623	62	146
TD1342260	90,468	4,410	37	86
TD1342262	16,690	1,031	11	26
TD1343012	16,408	1,201	10	23
TD1343013	34,061	1,984	29	69
TD1343025	61,329	3,210	16	37
TD1343063	47,783	3,859	40	93
TD1343126	27,737	2,608	15	36
TD1343178	60,375	4,530	43	102
TD1343372	18,736	2,718	11	25
TD1343386	45,027	3,988	58	136
TD1343563	26,815	4,233	17	40
TD1345526	22,946	4,139	31	72
TD1347453	46,104	3,177	90	212
TD1347457	77,105	29,545	(216)	(640)
TD1347655	20,635	1,845	25	60
TD1349250	21,700	1,399	15	35
TD1351073	(2,899)	1,300	(134)	(388)
TD1351080	15,081	994	7	15
TD1351316	9,621	1,361	6	15
TD1351881	28,238	2,227	32	76
TD1351911	17,435	1,644	59	139
TD1351954	38,753	2,191	52	122
TD1352455	36,867	3,512	38	90
TD1352485	41,177	2,559	35	83
TD1352489	19,166	1,290	47	110
TD1352491	15,950	1,602	18	42
TD1352493	20,287	3,848	66	156
TD1352496	54,389	3,352	174	409
TD1352498	69,494	3,425	56	132
TD1352513	35,371	3,316	7	16
TD1352515	13,221	2,113	41	97
TD1353591	29,300	1,292	17	41
TD1353613	23,498	2,779	38	90
TD1353631	12,263	2,609	12	28
TD1354857	71,732	24,214	41	96
TD1354862	143,977	7,085	60	140
TD1355843	71,091	4,433	85	199
TD1355847	51,153	5,851	109	256
TD1355854	43,343	4,074	8	18
TD1355855	23,162	4,326	34	79

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1355858	25,067	6,419	23	54
TD1355882	16,196	978	9	20
TD1355949	20,807	2,018	9	22
TD1356029	30,586	3,373	13	30
TD1357981	33,867	2,867	16	38
TD1357989	28,183	7,503	90	211
TD1357991	20,082	2,752	84	197
TD1357993	15,078	2,684	56	132
TD1358003	55,164	3,602	46	108
TD1358010	30,282	4,107	8	18
TD1358019	49,794	3,850	42	100
TD1358022	42,813	8,083	29	69
TD1358792	16,470	3,972	30	72
TD1358991	24,759	1,497	7	16
TD1358998	43,950	5,500	29	69
TD1359004	40,826	2,739	40	94
TD1359005	27,541	1,805	21	49
TD1359008	12,264	888	12	28
TD1359010	94,326	5,184	35	83
TD1359479	113,837	7,783	142	333
TD1359487	39,032	3,347	76	179
TD1359870	149,093	9,244	94	220
TD1359874	88,827	4,981	35	82
TD1359889	92,070	6,095	132	310
TD1359922	39,347	5,559	35	83
TD1359988	17,889	1,487	14	34
TD1359989	35,577	(642)	(36)	(102)
TD1359991	21,219	274	(39)	(117)
TD1359992	35,078	3,570	30	70
TD1360367	18,530	4,061	10	22
TD1360384	42,393	3,523	19	64
TD1360535	14,754	3,061	54	128
TD1360611	165,911	7,829	192	452
TD1360873	78,949	6,258	27	62
TD1360878	49,809	1,940	18	43
TD1360940	13,624	3,890	8	19
TD1360979	38,149	3,319	18	43
TD1360998	46,329	2,363	40	93
TD1361092	23,273	5,772	58	137
TD1361433	24,742	2,501	66	155
TD1361455	22,834	2,557	28	66
TD1361460	25,115	2,202	17	39
TD1361467	47,267	12,192	118	278
TD1361502	17,637	1,503	16	38
TD1361504	27,962	5,364	58	137
TD1361506	32,006	2,651	19	44
TD1361742	38,188	4,686	22	52
TD1361750	52,495	5,152	43	102
TD1361860	96,441	11,849	183	430
TD1361983	24,675	1,529	6	15
TD1361991	36,770	4,395	33	79
TD1362000	30,294	3,169	19	44
TD1362023	8,488	(736)	(49)	(150)
TD1362035	25,014	493	15	36
TD1362411	33,645	3,348	32	76
TD1362492	18,049	4,399	29	69
TD1362590	27,528	2,584	12	28
TD1362720	28,549	1,062	11	25
TD1362842	14,814	3,324	24	57
TD1362897	32,587	3,177	60	141
TD1362902	35,106	2,214	21	50
TD1362904	27,191	3,098	27	63
TD1363888	30,503	6,871	12	28
TD1363890	22,722	5,448	45	106
TD1363913	61,714	4,655	49	115
TD1363938	94,966	23,761	90	212

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1363951	22,017	6,471	34	80
TD1363962	44,631	1,458	19	44
TD1363979	112,763	24,873	257	605
TD1364667	30,158	1,956	10	24
TD1364697	28,858	4,164	29	68
TD1364700	42,831	4,852	32	75
TD1364716	21,202	5,991	21	50
TD1365422	24,373	3,510	36	85
TD1365485	34,280	3,490	20	48
TD1365519	42,549	2,532	13	31
TD1365558	25,779	6,393	45	106
TD1365563	12,627	2,957	15	35
TD1366208	16,686	4,356	22	52
TD1366211	27,232	3,281	13	30
TD1366519	28,723	1,506	49	114
TD1366526	108,612	4,523	86	202
TD1366537	57,627	2,903	59	138
TD1366642	41,884	4,964	18	43
TD1367220	29,627	2,465	36	85
TD1367324	95,245	5,380	47	110
TD1368217	194,667	12,342	450	1,058
TD1368240	167,416	7,912	126	297
TD1368443	28,297	2,044	5	11
TD1368444	110,715	7,891	78	184
TD1368445	19,940	1,981	4	10
TD1368446	17,479	4,266	17	39
TD1368448	47,501	3,994	31	73
TD1368449	18,792	5,453	23	54
TD1368451	24,278	1,875	14	33
TD1368452	33,856	3,583	71	168
TD1368513	27,585	2,661	11	26
TD1368518	151,231	9,585	208	489
TD1368795	83,133	4,991	78	184
TD1368831	22,863	1,878	31	72
TD1368999	101,483	4,513	60	141
TD1369124	29,779	2,512	20	47
TD1369290	60,650	9,515	118	279
TD1369295	89,663	10,297	70	164
TD1369303	16,894	3,973	20	47
TD1369352	74,363	10,169	315	741
TD1369359	70,431	9,851	225	529
TD1369369	14,590	1,984	20	48
TD1369385	66,178	10,204	120	281
TD1369631	49,826	3,114	35	82
TD1370618	31,228	6,324	31	72
TD1370619	(23,016)	(11,026)	28	67
TD1370733	148,499	30,883	227	534
TD1370736	133,724	7,563	171	403
TD1370738	148,144	29,601	209	493
TD1370739	31,335	7,337	26	62
TD1370740	27,372	5,742	54	126
TD1370742	57,519	5,006	57	135
TD1370743	30,384	4,756	26	61
TD1370747	66,709	11,780	93	218
TD1371291	29,183	5,767	72	170
TD1372152	23,705	1,396	20	47
TD1372262	21,988	2,015	57	134
TD1372986	(13,476)	(5,980)	(435)	(1,362)
TD1374818	38,759	9,840	34	81
TD1375853	56,867	2,654	52	123
TD1376194	28,197	1,978	15	36
TD1376197	15,014	3,871	6	15
TD1376248	20,046	4,296	26	62
TD1376828	37,483	2,703	36	84
TD1376829	42,906	2,139	45	106
TD1376831	18,031	3,225	14	33

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1376850	26,965	2,928	15	34
TD1379748	22,215	4,619	34	35
TD1380065	35,493	5,955	42	98
TD1380544	25,877	3,493	38	88
TD1381741	47,564	3,300	55	129
TD1381743	31,991	2,146	15	35
TD1383871	33,340	2,814	19	45
TD1383875	25,537	2,225	16	38
TD1383879	27,923	2,070	12	29
TD1384506	44,175	3,911	95	224
TD1386374	35,094	14,758	(71)	(234)
TD1387124	33,555	2,821	14	34
TD1387670	21,070	1,680	6	14
TD1387680	23,259	2,090	14	33
TD1387685	145,908	21,774	194	457
TD1387689	131,573	22,641	197	462
TD1388055	(16,475)	(8,729)	(588)	(1,683)
TD1388064	11,643	3,715	(184)	(498)
TD1388073	61,149	9,655	35	83
TD1388135	87,669	15,307	240	565
TD1388819	42,300	4,327	55	129
TD1388820	(34,567)	580	(477)	(1,457)
TD1388821	35,111	6,624	99	232
TD1388993	31,834	2,583	22	53
TD1390487	21,743	1,995	36	85
TD1391553	21,274	1,703	11	25
TD1392911	67,693	7,996	53	125
TD1393849	39,021	8,718	18	43
TD1393862	46,610	1,925	14	32
TD1393866	30,406	2,508	32	76
TD1393871	17,195	2,511	11	25
TD1394128	10,083	1,648	9	21
TD1396384	27,172	1,157	18	41
TD1396451	(33,048)	(485)	(260)	(709)
TD1396482	161,978	37,603	110	258
TD1397084	1,472	(812)	(16)	(40)
TD1397088	49,060	4,078	42	98
TD1397099	48,913	2,468	121	285
TD1397101	51,807	4,628	204	479
TD1397106	13,680	1,313	7	15
TD1397645	31,111	5,159	28	67
TD1397677	106,654	5,537	129	303
TD1397932	114,282	5,821	416	978
TD1397935	49,242	2,636	74	175
TD1398596	41,501	4,078	40	95
TD1401103	5,981	664	1	3
TD1401146	20,137	4,610	29	68
TD1406637	44,230	2,541	21	50
TD1406766	27,837	1,741	14	34
TD1406814	17,155	3,914	6	14
TD1407060	91,420	4,119	54	126
TD1407071	18,618	1,339	18	43
TD1407364	24,182	3,523	57	134
TD1408738	21,826	3,623	27	63
TD1408753	29,000	2,942	29	68
TD1408829	38,707	3,143	51	119
TD1408855	48,034	9,095	79	187
TD1408875	30,650	6,114	43	102
TD1409003	31,228	2,623	27	64
TD1409042	17,689	3,303	5	12
TD1409074	26,995	1,213	8	19
TD1412089	21,408	1,775	23	55
TD1412094	21,496	1,375	13	31
TD1412095	30,469	875	19	44
TD1412096	14,625	699	6	15
TD1412097	21,729	1,041	14	34

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1412595	53,718	4,612	59	138
TD1413320	16,291	1,602	18	42
TD1413349	18,424	1,705	21	50
TD1413529	32,274	2,050	15	35
TD1413555	6,732	312	3	7
TD1415584	15,588	800	16	37
TD1416904	14,197	724	15	34
TD1419265	21,097	1,319	16	39
TD1419693	13,740	2,313	11	25
TD1421170	32,686	3,121	34	81
TD1425473	22,306	1,426	28	66
TD1425474	22,579	1,349	34	79
TD1428211	18,958	1,116	11	25
TD1429044	13,389	3,284	8	19
TD525540	19,264	5,740	24	62
TD563210	-	-	-	-
TD565277	-	-	-	-
TD574787	813	-	193	620
TD576414	-	-	-	-
TD577228	-	-	-	-
TD585104	941,464	166,976	38,785	109,812
TD588213	-	-	-	-
TD592256	-	-	-	-
TD595650	329	6	6	18
TD610960	-	-	-	-
TD614793	-	-	-	-
TD616986	-	-	-	-
TD636994	-	-	-	-
TD641650	-	-	-	-
TD649268	-	-	-	-
TD672129	185	7	-	-
TD672747	472,607	47,995	12,464	35,668
TD672749	1,895	67	29	93
TD677656	63,597	5,323	622	1,693
TD680522	-	-	-	-
TD681780	49,992	4,391	686	1,901
TD681811	41,046	4,369	304	818
TD681866	45,376	3,040	256	677
TD681877	32,449	1,485	502	1,336
TD681942	36,684	1,894	412	1,068
TD682030	43	-	10	33
TD682236	-	-	-	-
TD685273	-	-	-	-
TD689592	-	-	-	-
TD697341	-	-	-	-
TD697374	-	-	-	-
TD703462	-	-	-	-
TD703810	-	-	-	-
TD704576	-	-	-	-
TD705309	-	-	-	-
TD708836	102,878	11,175	1,330	3,636
TD709842	-	-	-	-
TD718195	-	-	-	-
TD718295	-	-	-	-
TD718300	-	-	-	-
TD718310	-	-	-	-
TD718319	38,015	3,042	292	830
TD718330	-	-	-	-
TD719826	-	-	-	-
TD719881	-	-	-	-
TD719956	-	-	-	-
TD720038	-	-	-	-
TD720087	-	-	-	-
TD720240	-	-	-	-
TD720283	-	-	-	-
TD720290	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD720297	-	-	-	-
TD720345	-	-	-	-
TD720349	-	-	-	-
TD720799	-	-	-	-
TD722433	-	-	-	-
TD722510	-	-	-	-
TD722940	-	-	-	-
TD724026	-	-	-	-
TD724624	-	-	-	-
TD724631	-	-	-	-
TD724719	-	-	-	-
TD724779	(183)	7	19	61
TD724834	78,127	11,642	1,446	4,151
TD724935	-	-	-	-
TD724975	1,150	24	22	70
TD724992	107,048	8,326	1,385	4,060
TD724994	57,100	2,442	1,650	4,388
TD725006	-	-	-	-
TD725085	-	-	-	-
TD725095	-	-	-	-
TD725376	-	-	-	-
TD725387	-	-	-	-
TD725391	622	22	7	22
TD725411	-	-	-	-
TD725417	-	-	-	-
TD725418	-	-	-	-
TD725463	-	-	-	-
TD725466	-	-	-	-
TD725467	-	-	-	-
TD725470	-	-	-	-
TD725474	-	-	-	-
TD725481	-	-	-	-
TD725482	-	-	-	-
TD725485	-	-	-	-
TD725490	-	-	-	-
TD725491	-	-	-	-
TD725496	-	-	-	-
TD725503	50,093	4,935	128	470
TD725713	-	-	-	-
TD725890	-	-	-	-
TD725905	-	-	-	-
TD725977	-	-	-	-
TD726188	-	-	-	-
TD726253	-	-	-	-
TD726294	(7,978)	(1,285)	19	62
TD726361	-	-	-	-
TD726397	-	-	-	-
TD726422	64	-	15	49
TD726541	-	-	-	-
TD726593	54,145	3,846	499	1,430
TD727022	-	-	-	-
TD727059	-	-	-	-
TD727162	36,723	3,363	99	270
TD727200	7,320	169	201	578
TD727314	-	-	-	-
TD727330	-	-	-	(0)
TD727351	-	-	-	-
TD727586	-	-	-	-
TD727791	-	-	-	-
TD727832	-	-	-	-
TD727919	-	-	-	-
TD732120	-	-	-	-
TD742485	(11,527)	(1,672)	(24)	(62)
TD742488	24	-	6	19
TD742764	-	-	-	-
TD747025	40,422	4,712	459	1,293

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD747041	-	-	-	-
TD747294	-	-	-	-
TD747402	-	-	-	-
TD747426	-	-	-	-
TD747460	-	-	-	-
TD747521	-	-	-	-
TD747844	-	-	-	-
TD747900	265,814	22,480	662	1,900
TD747920	-	-	-	-
TD748447	-	-	-	-
TD748848	-	-	-	-
TD755394	-	-	-	-
TD755694	-	-	-	-
TD755783	-	-	-	-
TD755791	-	-	-	-
TD755819	-	-	-	-
TD755820	-	-	-	-
TD755836	-	-	-	-
TD755839	-	-	-	-
TD755887	-	-	-	-
TD755893	157,926	19,567	2,031	5,668
TD755905	-	-	-	-
TD755908	154	8	-	-
TD755916	-	-	-	-
TD755920	-	-	-	-
TD755942	-	-	-	-
TD755947	-	-	-	-
TD756151	-	-	-	-
TD756158	134	-	32	102
TD756162	-	-	-	-
TD756233	14,656	1,416	-	-
TD756246	-	-	-	-
TD756249	-	-	-	-
TD756271	-	-	-	-
TD756702	-	-	-	-
TD759367	-	-	-	-
TD761761	-	-	-	-
TD765434	-	-	-	-
TD765779	-	-	-	-
TD771640	-	-	-	-
TD771641	-	-	-	-
TD771651	-	-	-	-
TD778373	-	-	-	-
TD778377	-	-	-	-
TD785307	-	-	-	-
TD786238	-	-	-	-
TD787045	-	-	-	-
TD787076	(395)	(80)	7	23
TD787096	-	-	-	-
TD787106	-	-	-	-
TD787166	-	-	-	-
TD787180	732	13	-	-
TD787644	-	-	-	-
TD788283	-	-	-	-
TD788284	-	-	-	-
TD788419	-	-	-	-
TD791024	-	-	-	-
TD798377	-	-	-	-
TD798383	-	-	-	-
TD798841	-	-	-	-
TD804317	1,543	63	16	53
TD805114	-	-	-	-
TD805461	(726)	(185)	17	54
TD805659	-	-	-	-
TD805660	-	-	-	-
TD805965	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD805993	-	-	-	-
TD806226	34,222	3,698	231	642
TD807113	-	-	-	-
TD807140	-	-	-	-
TD807525	-	-	-	-
TD807642	68,496	4,551	731	2,078
TD807684	-	-	-	-
TD808439	39,527	3,463	375	1,061
TD809136	-	-	-	-
TD809149	-	-	-	-
TD809427	20,337	1,618	268	745
TD809674	38,465	6,710	-	-
TD809687	3,853	34	-	(0)
TD810835	-	-	-	-
TD811839	-	-	-	-
TD812381	-	-	-	-
TD812388	35,870	3,796	468	1,310
TD812638	-	-	-	-
TD812757	65,941	6,182	821	2,365
TD813525	133,884	11,256	1,048	3,038
TD814737	37,630	5,381	766	2,155
TD815106	247,629	36,189	6,928	18,805
TD815414	-	-	-	-
TD816034	-	-	-	-
TD816035	38,714	289	75	568
TD816044	-	-	-	-
TD816523	195	-	46	149
TD817072	-	-	-	-
TD817136	37,040	3,778	302	840
TD817157	39,699	3,994	689	1,969
TD817312	-	-	-	-
TD823897	-	-	-	-
TD823964	-	-	-	-
TD824451	-	-	-	-
TD824797	-	-	-	-
TD825776	-	-	-	-
TD826055	-	-	-	-
TD826977	-	-	-	-
TD827743	-	-	-	-
TD829109	33,768	8,212	251	610
TD829255	-	-	-	-
TD830176	-	-	-	-
TD830844	-	-	-	-
TD831416	33,234	2,251	281	813
TD831419	60,046	4,548	483	1,397
TD835167	-	-	-	-
TD835552	-	-	-	-
TD835557	-	-	-	-
TD835587	-	-	-	-
TD836087	-	-	-	-
TD836093	-	-	-	-
TD836094	-	-	-	-
TD836197	-	-	-	-
TD836593	(12,645)	(187)	-	-
TD836716	31,571	3,449	265	783
TD837167	-	-	-	-
TD837371	91,017	8,770	2,419	6,613
TD837818	-	-	-	-
TD837898	(83,338)	(13,019)	(556)	(1,663)
TD837900	(19,367)	(4,431)	13	42
TD839312	-	-	-	-
TD839508	-	-	-	-
TD839514	-	-	-	-
TD839523	-	-	-	-
TD844424	-	-	-	-
TD844666	66,420	6,949	388	1,122

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD844848	-	-	-	-
TD845055	-	-	-	-
TD845075	-	-	-	-
TD845077	-	-	-	-
TD845079	-	-	-	-
TD848451	28,522	1,961	80	204
TD848694	238,841	19,220	10,082	28,524
TD848773	-	-	-	-
TD850648	-	-	-	-
TD850699	-	-	-	-
TD850709	-	-	-	-
TD850715	22	-	5	16
TD850729	-	-	-	-
TD850738	-	-	-	-
TD851210	67,991	6,404	232	571
TD851226	-	-	-	-
TD853345	-	-	-	-
TD854471	-	-	-	-
TD854786	-	-	-	-
TD854820	-	-	-	-
TD854836	-	-	-	-
TD854883	-	-	-	-
TD854886	-	-	-	-
TD855226	-	-	-	-
TD855240	-	-	-	-
TD855397	-	-	-	-
TD855400	-	-	-	-
TD855402	25,017	1,398	-	-
TD855405	23	-	5	17
TD855416	-	-	-	-
TD855422	-	-	-	-
TD855425	-	-	-	-
TD855531	-	-	-	-
TD855552	-	-	-	-
TD855687	-	-	-	-
TD855889	-	-	-	-
TD856120	-	-	-	-
TD856182	34,650	3,445	261	727
TD856200	36	-	9	28
TD856222	-	-	-	-
TD856249	-	-	-	-
TD856255	-	-	-	-
TD856371	-	-	-	-
TD858156	-	-	-	-
TD858160	-	-	-	-
TD858171	-	-	-	-
TD858176	-	-	-	-
TD858188	-	-	-	-
TD858202	-	-	-	-
TD858744	-	-	-	-
TD858752	-	-	-	-
TD858851	-	-	-	-
TD862197	-	-	-	-
TD862276	-	-	-	-
TD863205	(1,300)	(113)	11	34
TD863604	-	-	-	-
TD863631	-	-	-	-
TD863703	-	-	-	-
TD863709	-	-	-	-
TD863713	-	-	-	-
TD863732	-	-	-	-
TD863759	-	-	-	-
TD863778	-	-	-	-
TD863786	-	-	-	-
TD863789	-	-	-	-
TD863826	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD863860	-	-	-	-
TD863868	(16,721)	(671)	36	116
TD863925	-	-	-	-
TD863929	-	-	-	-
TD863933	19	(6)	3	11
TD863937	-	-	-	-
TD863941	-	-	-	-
TD863945	-	-	-	-
TD864260	-	-	-	-
TD864261	(0)	-	-	-
TD864267	-	-	-	-
TD864268	-	-	-	-
TD864270	-	-	-	-
TD864346	-	-	-	-
TD864348	-	-	-	-
TD865380	-	-	-	-
TD865382	-	-	-	-
TD865409	-	-	-	-
TD865412	-	-	-	-
TD865416	-	-	-	-
TD865417	-	-	-	-
TD865418	-	-	-	-
TD865419	-	-	-	-
TD865421	-	-	-	-
TD865422	61,980	3,655	1,063	3,077
TD865423	-	-	-	-
TD865424	-	-	-	-
TD865425	-	-	-	-
TD865426	81,616	5,537	1,212	3,249
TD865427	69,919	5,772	393	1,144
TD865429	36,342	3,300	773	2,280
TD865433	18,917	1,367	404	1,144
TD865434	-	-	-	-
TD865435	-	-	-	-
TD865436	(0)	-	-	(0)
TD865536	-	-	-	-
TD865547	-	-	-	-
TD865551	-	-	-	-
TD865554	-	-	-	-
TD865555	-	-	-	-
TD865556	-	-	-	-
TD865564	609	27	6	19
TD865566	-	-	-	-
TD865569	-	-	-	-
TD865571	-	-	-	-
TD865576	-	-	-	-
TD865577	10,919	486	18	57
TD865578	33,151	3,444	346	970
TD865581	2,379	114	7	23
TD865585	-	-	-	-
TD865586	-	-	-	-
TD865588	-	-	-	-
TD865591	-	-	-	-
TD865593	34,448	2,673	350	1,016
TD865601	-	-	-	-
TD866897	-	-	-	-
TD866901	-	-	-	-
TD866906	62,544	4,647	666	1,843
TD866913	-	-	-	-
TD866917	-	-	-	-
TD866918	-	-	-	-
TD866919	-	-	-	-
TD866922	-	-	-	-
TD866923	-	-	-	-
TD866924	-	-	-	-
TD867216	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD867364	10,961	1,641	0	-
TD867375	-	-	-	-
TD867384	-	-	-	-
TD867387	-	-	-	-
TD867394	242,379	25,858	2,184	5,877
TD867451	38	-	9	29
TD867474	-	-	-	-
TD867702	23,979	1,407	183	527
TD868352	-	-	-	-
TD868368	-	-	-	-
TD868541	-	-	-	-
TD868548	-	-	-	-
TD869112	41,708	5,268	399	1,160
TD869139	42,851	4,343	240	689
TD869187	-	-	-	-
TD869240	(1,711)	(3)	(511)	(1,426)
TD871224	-	-	-	-
TD871267	-	-	-	-
TD872502	-	-	-	-
TD873400	-	-	-	-
TD876335	(406)	(10)	8	25
TD877771	-	-	-	-
TD877784	-	-	-	-
TD877793	309	192	3	10
TD877802	-	-	-	-
TD879710	-	-	-	-
TD879735	-	-	-	-
TD880489	-	-	-	-
TD880492	-	-	-	-
TD880497	-	-	-	-
TD880500	-	-	-	-
TD880505	-	-	-	-
TD880508	-	-	-	-
TD881135	-	-	-	-
TD881170	-	-	-	-
TD881179	-	-	-	-
TD881185	-	-	-	-
TD881195	-	-	-	-
TD881225	61	-	14	46
TD881230	-	-	-	-
TD881248	-	-	-	-
TD881277	-	-	-	-
TD881310	-	-	-	-
TD881329	-	-	-	-
TD881513	-	-	-	-
TD881514	4,277	335	166	490
TD881515	-	-	-	-
TD881518	-	-	-	-
TD881519	-	-	-	-
TD881520	-	-	-	-
TD881521	-	-	-	-
TD881575	-	-	-	-
TD881807	-	-	-	-
TD881808	-	-	-	-
TD881815	1,302	640	3	9
TD881822	-	-	-	-
TD881826	-	-	-	-
TD881837	72	-	17	55
TD881846	-	-	-	-
TD881849	-	-	-	-
TD881855	-	-	-	-
TD881860	-	-	-	-
TD881869	-	-	-	-
TD881881	-	-	-	-
TD881907	-	-	-	-
TD882692	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD882694	-	-	-	-
TD882696	-	-	-	-
TD883660	-	-	-	-
TD883719	23	-	5	17
TD883730	-	-	-	-
TD883803	-	-	-	-
TD883990	-	-	-	-
TD884038	29,705	3,349	187	561
TD884041	-	-	-	-
TD884042	35	-	8	27
TD884044	-	-	-	-
TD884048	74,846	8,994	1,062	2,907
TD884049	-	-	-	-
TD884051	-	-	-	-
TD884055	-	-	-	-
TD884157	-	-	-	-
TD884169	-	-	-	-
TD884173	-	-	-	-
TD884188	-	-	-	-
TD884194	-	-	-	-
TD884212	-	-	-	-
TD884213	-	-	-	-
TD884228	-	-	-	-
TD884233	-	-	-	-
TD884234	-	-	-	-
TD884255	-	-	-	-
TD884258	-	-	-	-
TD884259	-	-	-	-
TD884415	219,660	58,561	581	1,449
TD884792	-	-	-	-
TD884840	14	-	3	11
TD886003	-	-	-	-
TD886631	-	-	-	-
TD887890	-	-	-	-
TD888011	-	-	-	-
TD888024	-	-	-	-
TD888652	-	-	-	-
TD888671	-	-	-	-
TD889194	-	-	-	-
TD889721	270,468	20,883	1,154	2,847
TD889779	44	-	10	33
TD890253	-	-	-	-
TD891266	-	-	-	-
TD893882	-	-	-	-
TD895191	-	-	-	-
TD895341	-	-	-	-
TD898824	-	-	-	-
TD898936	-	-	-	-
TD898962	-	-	-	-
TD898967	-	-	-	-
TD898979	-	-	-	-
TD898984	-	-	-	-
TD899024	-	-	-	-
TD899057	-	-	-	-
TD899420	-	-	-	-
TD901201	-	-	-	-
TD902118	-	-	-	-
TD902166	-	-	-	-
TD902168	-	-	-	-
TD903582	-	-	-	-
TD904315	-	-	-	-
TD904394	-	-	-	-
TD904403	-	-	-	-
TD904408	17	-	4	13
TD904409	-	-	-	-
TD904416	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD904421	-	-	-	-
TD904884	-	-	-	-
TD904967	102,642	10,165	276	824
TD904988	-	-	-	-
TD904999	57,399	3,323	360	1,085
TD905002	-	-	-	-
TD905011	-	-	-	-
TD905019	-	-	-	-
TD905020	(2,187)	(188)	9	29
TD905024	-	-	-	-
TD905032	-	-	-	-
TD905033	-	-	-	-
TD905037	-	-	-	-
TD905038	-	-	-	-
TD905040	-	-	-	-
TD905041	-	-	-	-
TD905047	-	-	-	-
TD905055	-	-	-	-
TD905077	184,559	11,215	1,362	3,901
TD905130	-	-	-	-
TD905159	-	-	-	-
TD905191	-	-	-	-
TD905196	34,762	2,920	422	1,253
TD905704	5,313	256	3	10
TD905725	17	-	4	13
TD905743	-	-	-	-
TD905748	64	4	-	-
TD905757	(278)	(26)	-	-
TD905792	-	-	-	-
TD905803	-	-	-	-
TD905807	-	-	-	-
TD905809	-	-	-	-
TD905818	-	-	-	-
TD905839	-	-	-	-
TD905894	-	-	-	-
TD905906	-	-	-	-
TD906003	-	-	-	-
TD906007	-	-	-	-
TD906010	-	-	-	-
TD906017	-	-	-	-
TD906020	-	-	-	-
TD906026	-	-	-	-
TD906042	-	-	-	-
TD906045	-	-	-	-
TD906051	-	-	-	-
TD906057	-	-	-	-
TD906084	-	-	-	-
TD906092	-	-	-	-
TD906097	-	-	-	-
TD906099	-	-	-	-
TD906102	-	-	-	-
TD906132	-	-	-	-
TD906138	-	-	-	-
TD906145	-	-	-	-
TD906152	50	2	-	-
TD906156	-	-	-	-
TD906161	-	-	-	-
TD906170	-	-	-	-
TD906171	-	-	-	-
TD906178	-	-	-	-
TD906181	-	-	-	-
TD906186	-	-	-	-
TD906192	-	-	-	-
TD906194	-	-	-	-
TD906196	-	-	-	-
TD906198	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD906204	-	-	-	-
TD906208	-	-	-	-
TD906212	-	-	-	-
TD906218	-	-	-	-
TD906223	-	-	-	-
TD906230	-	-	-	-
TD906234	-	-	-	-
TD906237	-	-	-	-
TD906247	-	-	-	-
TD906254	-	-	-	-
TD906257	-	-	-	-
TD906340	-	-	-	-
TD906383	-	-	-	-
TD906685	(7,681)	(904)	6	19
TD906702	-	-	-	-
TD906759	36,498	4,519	379	1,069
TD906768	(149)	(20)	3	10
TD906829	-	-	-	-
TD906858	-	-	-	-
TD906871	-	-	-	-
TD906912	-	-	-	-
TD907107	-	-	-	-
TD907109	-	-	-	-
TD907122	-	-	-	-
TD907131	-	-	-	-
TD907134	-	-	-	-
TD907152	32,161	1,628	216	641
TD907155	212	(7)	4	14
TD907342	-	-	-	-
TD907377	-	-	-	-
TD907480	17	-	4	13
TD907504	-	-	-	-
TD907505	-	-	-	-
TD907508	-	-	-	-
TD907510	31	(22)	6	18
TD907513	-	-	-	-
TD907516	-	-	-	-
TD907517	-	-	-	-
TD907518	-	-	-	-
TD907520	-	-	-	-
TD907526	40,028	4,461	222	656
TD907527	-	-	-	-
TD907763	-	-	-	-
TD907768	-	-	-	-
TD907770	-	-	-	-
TD907836	-	-	-	-
TD907894	-	-	-	-
TD907896	-	-	-	-
TD908141	-	-	-	-
TD908462	-	-	-	-
TD909565	-	-	-	-
TD910090	-	-	-	-
TD910091	-	-	-	-
TD910244	32,480	3,070	375	967
TD910990	9,423	738	65	221
TD911229	285	-	68	218
TD911230	-	-	-	-
TD911231	-	-	-	-
TD911232	-	-	-	-
TD911233	-	-	-	-
TD911251	-	-	-	-
TD911253	-	-	-	-
TD911381	-	-	-	-
TD911393	-	-	-	-
TD911402	-	-	-	-
TD911407	23,494	3,635	27	75

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD911408	-	-	-	-
TD912334	-	-	-	-
TD912362	-	-	-	-
TD913144	-	-	-	-
TD914964	-	-	-	-
TD915361	-	-	-	-
TD915373	-	-	-	-
TD915409	(10,355)	(642)	-	-
TD915683	-	-	-	-
TD915987	-	-	-	-
TD916111	-	-	-	-
TD916114	6	-	2	5
TD916886	-	-	-	-
TD917387	-	-	-	-
TD918021	-	-	-	-
TD918022	-	-	-	-
TD918027	-	-	-	-
TD918028	-	-	-	-
TD918030	-	-	-	-
TD919336	-	-	-	-
TD919350	-	-	-	-
TD919369	-	-	-	-
TD919385	-	-	-	-
TD919388	-	-	-	-
TD919391	-	-	-	-
TD919397	-	-	-	-
TD919399	-	-	-	-
TD919417	-	-	-	-
TD919426	-	-	-	-
TD919507	-	-	-	-
TD920344	-	-	-	-
TD920409	-	-	-	-
TD920468	-	-	-	-
TD920507	-	-	-	-
TD920509	-	-	-	-
TD920511	-	-	-	-
TD920514	-	-	-	-
TD920520	-	-	-	-
TD920527	-	-	-	-
TD920530	-	-	-	-
TD920643	-	-	-	-
TD920659	-	-	-	-
TD920665	-	-	-	-
TD921240	-	-	-	-
TD922067	-	-	-	-
TD922080	-	-	-	-
TD922091	-	-	-	-
TD922094	-	-	-	-
TD922117	(360)	24	12	37
TD922668	-	-	-	-
TD923292	40,815	3,731	398	1,135
TD923502	27,308	2,966	217	623
TD923897	-	-	-	-
TD923914	-	-	-	-
TD924803	35	-	8	27
TD924827	-	-	-	-
TD924842	31,512	3,089	65	171
TD924850	-	-	-	-
TD925043	80,821	6,941	1,296	3,724
TD925230	387	-	92	296
TD925669	-	-	-	-
TD925927	22,599	2,811	360	1,022
TD925964	-	-	-	-
TD926193	-	-	-	-
TD926195	-	-	-	-
TD926808	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD927638	-	-	-	-
TD927640	-	-	-	-
TD927643	402	21	10	32
TD927644	(25,314)	(3,065)	(28)	(71)
TD927649	-	-	-	-
TD927652	-	-	-	-
TD927654	-	-	-	-
TD927660	-	-	-	-
TD927661	-	-	-	-
TD927663	-	-	-	-
TD927665	-	-	-	-
TD927668	-	-	-	-
TD927675	-	-	-	-
TD927678	-	-	-	-
TD927960	-	-	-	-
TD928066	68,294	5,304	335	945
TD928073	63,446	6,746	576	1,590
TD928082	-	-	-	-
TD928414	-	-	-	-
TD928419	-	-	-	-
TD928432	-	-	-	-
TD928468	50,004	6,118	204	536
TD928482	-	-	-	-
TD928677	43,484	4,428	319	933
TD928681	-	-	-	-
TD928683	-	-	-	-
TD928692	-	-	-	-
TD929031	-	-	-	-
TD929037	-	-	-	-
TD929734	-	-	-	-
TD930563	-	-	-	-
TD930658	-	-	-	-
TD931481	-	-	-	-
TD931493	-	-	-	-
TD931498	-	-	-	-
TD931551	(18,124)	(1,394)	-	-
TD931560	-	-	-	-
TD933133	(301)	(41)	15	48
TD933158	-	-	-	-
TD933162	-	-	-	-
TD933173	-	-	-	-
TD933177	-	-	-	-
TD933178	-	-	-	-
TD933202	-	-	-	-
TD933206	-	-	-	-
TD934490	-	-	-	-
TD934511	-	-	-	-
TD934529	-	-	-	-
TD934535	-	-	-	-
TD934541	-	-	-	-
TD935400	-	-	-	-
TD935401	-	-	-	-
TD935466	-	-	-	-
TD935704	-	-	-	-
TD936531	-	-	-	-
TD936534	-	-	-	-
TD936535	-	-	-	-
TD936536	-	-	-	-
TD936537	-	-	-	-
TD936539	-	-	-	-
TD936543	-	-	-	-
TD936547	-	-	-	-
TD936550	29,694	2,131	-	-
TD936552	-	-	-	-
TD936555	-	-	-	-
TD936556	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD936557	-	-	-	-
TD936572	-	-	-	-
TD936835	(5,697)	(819)	-	-
TD937102	-	-	-	-
TD937151	-	-	-	-
TD937156	-	-	-	-
TD937229	-	-	-	-
TD939178	-	-	-	-
TD940883	-	-	-	-
TD940887	-	-	-	-
TD940888	-	-	-	-
TD941546	-	-	-	-
TD941550	-	-	-	-
TD941792	-	-	-	-
TD942685	-	-	-	-
TD943998	-	-	-	-
TD944027	-	-	-	-
TD944052	-	-	-	-
TD946911	-	-	-	-
TD946938	207,355	20,777	2,519	7,302
TD946969	10,037	1,058	11	37
TD946973	-	-	-	-
TD948155	-	-	-	-
TD949048	-	-	-	-
TD949054	19	-	4	14
TD949073	-	-	-	-
TD949080	-	-	-	-
TD949082	-	-	-	-
TD949089	-	-	-	-
TD949097	38,364	1,271	67	168
TD949962	-	-	-	-
TD949965	-	-	-	-
TD949968	-	-	-	-
TD949973	6,905	356	-	-
TD950561	41,403	16,253	96	269
TD950662	-	-	-	-
TD950664	-	-	-	-
TD950698	-	-	-	-
TD950710	-	-	-	-
TD951559	-	-	-	-
TD951566	-	-	-	-
TD954881	-	-	-	-
TD957784	-	-	-	-
TD957794	43,605	13,759	-	-
TD958392	-	-	-	-
TD958907	-	-	-	-
TD958908	-	-	-	-
TD958909	-	-	-	-
TD959105	-	-	-	-
TD959451	-	-	-	-
TD959459	76,539	28,092	315	924
TD959478	-	-	-	-
TD959831	-	-	-	-
TD960262	-	-	-	-
TD960263	-	-	-	-
TD960266	-	-	-	-
TD960267	-	-	-	-
TD960268	42,708	4,121	82	237
TD960727	-	-	-	-
TD960743	-	-	-	-
TD961703	-	-	-	-
TD961744	-	-	-	-
TD961755	-	-	-	-
TD961761	-	-	-	-
TD962240	-	-	-	-
TD962273	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD963625	-	-	-	-
TD963686	-	-	-	-
TD964807	-	-	-	-
TD965091	-	-	-	-
TD965096	-	-	-	-
TD965105	-	-	-	-
TD965115	7,419	372	27	88
TD966774	-	-	-	-
TD967215	-	-	-	-
TD967218	-	-	-	-
TD967226	-	-	-	-
TD968407	-	-	-	-
TD968761	-	-	-	-
TD969021	-	-	-	-
TD969702	-	-	-	-
TD970766	336	(14)	4	12
TD970774	-	-	-	-
TD970777	-	-	-	-
TD970808	-	-	-	-
TD971162	-	-	-	-
TD971207	-	-	-	-
TD971209	-	-	-	-
TD971222	-	-	-	-
TD971289	39,008	4,796	79	190
TD971588	-	-	-	-
TD971592	-	-	-	-
TD971594	-	-	-	-
TD971599	(3,428)	(1,321)	9	30
TD971922	-	-	-	-
TD971942	-	-	-	-
TD972430	-	-	-	-
TD972580	27	-	6	21
TD972591	-	-	-	-
TD972602	29,260	1,307	435	1,173
TD972614	-	-	-	-
TD972620	49,608	5,608	344	901
TD972635	-	-	-	-
TD972648	-	-	-	-
TD972968	-	-	-	-
TD972985	35,951	2,234	4	(45)
TD972997	-	-	-	-
TD973024	62,896	3,246	169	620
TD975305	-	-	-	-
TD975678	-	-	-	-
TD976280	-	-	-	-
TD976749	-	-	-	-
TD976751	-	-	-	-
TD976753	-	-	-	-
TD976757	-	-	-	-
TD976758	-	-	-	-
TD976759	-	-	-	-
TD976761	-	-	-	-
TD976762	-	-	-	-
TD976764	-	-	-	-
TD976895	(6,601)	(1,312)	25	81
TD977786	-	-	-	-
TD977793	-	-	-	-
TD977796	30,636	1,699	-	-
TD977804	-	-	-	-
TD977809	-	-	-	-
TD977812	23,205	2,195	103	296
TD977819	-	-	-	-
TD977821	-	-	-	-
TD977831	-	-	-	-
TD977909	-	-	-	-
TD977911	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD977914	-	-	-	-
TD977917	-	-	-	-
TD977919	314	(3)	8	27
TD977927	-	-	-	-
TD978054	(8,021)	(2,437)	37	118
TD979603	-	-	-	-
TD980595	-	-	-	-
TD983143	38	-	9	29
TD983364	-	-	-	-
TD983373	-	-	-	-
TD983519	-	-	-	-
TD983809	-	-	-	-
TD988801	-	-	-	-
TD989550	2,990	901	-	-
TD990446	(17,718)	(6,167)	26	85
TD990466	-	-	-	-
TD991064	-	-	-	-
TD991382	100,545	(4,093)	(0)	-
TD991591	(8,398)	(759)	8	25
TD992020	-	-	-	-
TD994668	21,126	1,267	58	147
TD995604	-	-	-	-
TD997210	(458)	(264)	35	79
TD997211	5,275	197	(0)	-
TD997217	-	-	-	-
TD997243	-	-	-	-
TD997264	-	-	-	-
TD997265	(592)	(369)	5	16
TD997417	(1,124)	(41)	-	-
TD997728	-	-	-	-
TD998095	-	-	-	-
TD999312	11,604	576	5	17
TD999385	-	-	-	-
TD999442	-	-	-	-
3365	5,628,850	1,738,316	(897)	(2,523)
CET-PD-2A-2A	0	(0)	(0)	(0)
TD696888	0	(0)	(0)	(0)
CET-PD-CR-TB	5,646,199	1,522,834	(897)	(2,523)
800059853	(999,651)	-	-	-
800060898	-	-	-	-
TD1002255	432,712	455,578	-	-
TD1059926	-	-	-	-
TD1137235	(7,620)	(1,071)	-	-
TD540464	(13,966)	(1,066)	-	-
TD555972	(1,073)	(98)	-	-
TD592015	851,891	558,260	-	-
TD650091	(162,461)	(18,066)	(897)	(2,523)
TD757074	5,545,699	528,959	-	-
TD778774	667	337	-	-
TD864383	-	-	-	-
CET-PD-CR-TC	(17,349)	215,482	-	-
TD562420	-	-	-	-
TD642891	(17,349)	215,482	-	-
3366	11,462,571	2,694,108	156,063	460,411
CET-PD-CR-TR	11,462,571	2,694,108	156,063	460,411
800060733	-	-	-	-
800060846	-	-	-	-
800258848	-	-	-	-
800440536	(16,590)	(2,124)	-	-
TD1004836	(25,054)	398,082	-	-
TD1009221	(1,551)	(185)	-	-
TD1029808	(3,011)	14,241	-	-
TD1042536	(1,835)	10,296	-	-
TD1050432	4,765	26,379	-	-
TD1050528	84,504	31,792	-	-
TD1051190	688	51,821	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1056486	976	13,150	-	-
TD1064609	336	8,772	-	-
TD1065067	-	-	-	-
TD1074542	265	71	-	-
TD1083201	176,561	48,654	-	-
TD1100752	1,725	7,423	-	-
TD1105768	(539)	(51)	-	-
TD1109521	85,710	24,254	-	-
TD1146687	82	7,783	-	-
TD1153507	683	8,020	-	-
TD1162572	598	4,957	-	-
TD1168779	(25,401)	(3,347)	(61)	(178)
TD1193675	(16,293)	9,870	(35)	(95)
TD1193799	587	6,834	-	-
TD1196374	(684)	(64)	-	-
TD1202309	(327)	(30)	-	-
TD1203907	2,087	7,609	-	-
TD1205716	(24,975)	(3,445)	(61)	(178)
TD1220963	(11,308)	5,606	-	-
TD1223851	1,421	5,312	-	-
TD1224514	-	-	-	-
TD1228332	145	5,188	-	-
TD1229206	954	7,114	-	-
TD1229365	(1,507)	(159)	-	-
TD1230895	567	4,513	-	-
TD1231619	(6,773)	(1,101)	-	-
TD1251814	74,151	2,856	(24)	(62)
TD1252355	16,135	5,298	-	-
TD1268931	(1,243)	(127)	-	-
TD1289679	(2,739)	(484)	-	-
TD1339755	(28,321)	1,361	(174)	(476)
TD1355304	(1,507)	(159)	-	-
TD1370534	(430)	(40)	-	-
TD1412414	28,187	9,583	-	-
TD470389	51,528	105,989	-	-
TD474537	1,189	140	-	-
TD494690	5,229,167	790,477	77,195	218,913
TD518630	844	10,752	-	-
TD548946	305,079	79,514	-	-
TD553845	1,836	40,468	-	-
TD570088	1,485	564	-	-
TD575267	1,861	464	-	-
TD575374	(5,211)	(1,236)	-	-
TD595443	1,495,512	266,026	61,216	188,739
TD614285	88,998	20,013	-	-
TD637712	458	9	-	-
TD648992	(127,663)	(16,262)	-	-
TD664638	528,100	141,307	-	-
TD707665	1,436,114	-	-	-
TD714728	(1,018)	26,984	-	-
TD715793	2,658	312	-	-
TD770489	28,371	-	-	-
TD787989	350,871	65,867	148	442
TD799627	337,140	63,979	-	-
TD846919	28,074	10,829	-	-
TD883241	53,168	29,023	-	-
TD892992	1,464	9,029	-	-
TD908708	687,204	66,567	15,488	46,202
TD912207	12,959	105,253	-	-
TD919798	(3,190)	(294)	-	-
TD932349	675,843	107,774	2,370	7,106
TD977734	(310)	(29)	-	-
TD978776	1,060	57,630	-	-
TD991159	(32,057)	(2,564)	-	-
3367	4,515,380	1,188,614	30,278	76,176
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CET-PD-CL-SC				
93,030				
19,754				

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
900674093	52,306	14,613	-	-
900831894	40,725	5,141	-	-
901377145	-	-	-	-
901379891	0	-	-	-
901688870	-	-	-	-
901816411	-	-	-	-
CET-PD-CL-TC	881,997	679,717	(1,270)	(3,195)
900772647	58,268	18,637	-	-
901117808	(3,118)	3,149	(985)	(2,373)
901161066	17,611	5,921	-	-
901168683	30,066	7,491	-	-
901186177	-	-	-	-
901212945	21,676	7,059	-	-
901232342	-	-	-	-
901240550	-	-	-	-
901241944	-	-	-	-
901259426	-	-	-	-
901276850	-	-	-	-
901288421	-	-	-	-
901351633	-	-	-	-
901359006	-	-	-	-
901369414	-	-	-	-
901382053	-	-	-	-
901382724	-	-	-	-
901390597	-	-	-	-
901391105	-	-	-	-
901411719	-	-	-	-
901431667	-	-	-	-
901447430	35,633	12,785	-	-
901462126	16,875	2,808	-	-
901474264	-	-	-	-
901486215	-	-	-	-
901492844	23,057	10,407	-	-
901510206	83,149	23,531	-	-
901511334	22,790	6,722	-	-
901512875	-	-	-	-
901515974	-	-	-	-
901526007	-	-	-	-
901533041	-	-	-	-
901534398	-	-	-	-
901535169	15,058	4,727	-	-
901546111	357	17,864	-	-
901551119	-	-	-	-
901551185	-	-	-	-
901551287	-	-	-	-
901559023	-	-	-	-
901561279	-	-	-	-
901577491	-	-	-	-
901587999	-	-	-	-
901595274	-	-	-	-
901596355	-	-	-	-
901601840	-	-	-	-
901603030	-	-	-	-
901603129	(16,218)	(2,152)	-	-
901603132	-	-	-	-
901608084	-	-	-	-
901609616	-	-	-	-
901628245	(344)	(32)	-	-
901628523	11,984	4,554	-	-
901631319	-	-	-	-
901637743	-	-	-	-
901638673	-	-	-	-
901639450	49,170	14,336	-	-
901641685	-	-	-	-
901646794	19,783	2,347	-	-
901647879	279,292	80,667	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
901649637	-	-	-	-
901656837	34,889	11,757	-	-
901662251	-	-	-	-
901663124	-	-	-	-
901672908	58,747	18,972	-	-
901673288	456	2,956	-	-
901673618	23,941	4,850	-	-
901676717	553	2,569	-	-
901678935	-	-	-	-
901678957	-	-	-	-
901689043	-	-	-	-
901690747	712	4,943	-	-
901710896	-	-	-	-
901712818	-	-	-	-
901717663	-	-	-	-
901720919	795	3,108	-	-
901722110	31,810	14,819	-	-
901729279	660	2,308	-	-
901731073	-	-	-	-
901734751	-	-	-	-
901737673	-	-	-	-
901741833	2,855	3,812	-	-
901748215	-	-	-	-
901752317	-	-	-	-
901759304	-	-	-	-
901768293	-	-	-	-
901770350	50,681	19,997	-	-
901770993	31,886	12,238	-	-
901771019	36,035	15,248	-	-
901775054	14,081	6,577	-	-
901776651	-	-	-	-
901777929	-	-	-	-
901783542	12,265	15,941	-	-
901784614	-	-	-	-
901784863	1,045	5,964	-	-
901785169	-	-	-	-
901785356	-	-	-	-
901785682	1,412	2,798	-	-
901785688	-	-	-	-
901790427	-	-	-	-
901792159	72,333	21,885	-	-
901799444	3,195	3,441	-	-
901799564	-	-	-	-
901801499	-	-	-	-
901815699	-	-	-	-
901816506	-	-	-	-
901816833	-	-	-	-
901816932	300	3,654	-	-
901818437	-	-	-	-
901818795	-	-	-	-
901819027	664	4,732	-	-
901819895	-	-	-	-
901821390	-	-	-	-
901822204	-	-	-	-
901833668	158	1,854	-	-
901833789	-	-	-	-
901834698	-	-	-	-
901843615	-	-	-	-
901843896	-	-	-	-
901844817	383	3,530	-	-
901848105	80	-	20	60
901848215	-	-	-	-
901848433	-	-	-	-
901855339	-	-	-	-
901855809	-	-	-	-
901860576	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
901860618	761	5,677	-	-
901861784	-	-	-	-
901861793	-	-	-	-
901867663	-	-	-	-
901868111	-	-	-	-
901873973	-	-	-	-
901874215	457	4,485	-	-
901874652	497	3,428	-	-
901875398	29,781	2,673	-	-
901875425	56,594	8,911	-	-
901881839	-	-	-	-
901881840	-	-	-	-
901883736	-	-	-	-
901887170	-	-	-	-
901887707	-	-	-	-
901888922	4,305	9,294	-	-
901889842	-	-	-	-
901894814	-	-	-	-
901897249	-	-	-	-
901903428	2,785	3,390	-	-
901904488	-	-	-	-
901905467	-	-	-	-
901909271	(12,617)	5,663	(7)	(23)
901911821	-	-	-	-
901911822	-	-	-	-
901914187	-	-	-	-
901916675	-	-	-	-
901919624	31,078	7,996	-	-
901919934	-	-	-	-
901920782	-	-	-	-
901925589	479	3,290	-	-
901929909	-	-	-	-
901934101	-	-	-	-
901941537	39,490	9,825	-	-
901949747	-	-	-	-
901949785	-	-	-	-
901951429	-	-	-	-
901951868	-	-	-	-
901961470	-	-	-	-
901965436	-	-	-	-
901965438	-	-	-	-
901965526	-	-	-	-
901966513	-	-	-	-
901971756	-	-	-	-
901971773	-	-	-	-
901977101	-	-	-	-
901977179	3,696	3,965	-	-
901983122	3,277	3,813	-	-
901986701	-	-	-	-
901986749	-	-	-	-
901987523	25,245	6,064	-	-
901987596	7,192	4,559	-	-
901987835	4,413	2,912	-	-
901994014	2,727	3,912	-	-
901994893	-	-	-	-
901994895	-	-	-	-
902002214	-	-	-	-
902002481	-	-	-	-
902021189	-	-	-	-
902021613	-	-	-	-
902021669	(11,201)	(2,379)	(1)	(4)
902021765	-	-	-	-
902039105	232	1,939	-	-
902040513	1,147	5,879	-	-
902041170	-	-	-	-
902044605	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
902045534	2,830	4,316	-	-
902056362	-	-	-	-
902057688	-	-	-	-
902065108	-	-	-	-
902066018	-	-	-	-
902066574	(13,027)	-	-	-
902068218	-	-	-	-
902072202	-	-	-	-
902073197	462	4,627	-	-
902080117	-	-	-	-
902080118	-	-	-	-
902085551	376	5,519	-	-
902087720	-	-	-	-
902090473	-	-	-	-
902094171	-	-	-	-
902094604	4,159	4,810	-	-
902094867	-	-	-	-
902095192	-	-	-	-
902096920	-	-	-	-
902098673	-	-	-	-
902098967	-	-	-	-
902099788	-	-	-	-
902104294	697	1,746	-	-
902106030	1,250	4,804	-	-
902107848	-	-	-	-
902109646	28,867	10,879	-	-
902113465	726	2,914	-	-
902115940	-	-	-	-
902118648	(15,342)	(3,380)	(7)	(23)
902118829	-	-	-	-
902123162	-	-	-	-
902124204	-	-	-	-
902124205	-	-	-	-
902124856	(15,322)	(5,214)	(6)	(19)
902125986	-	-	-	-
902125987	2,720	1,987	-	-
902127178	-	-	-	-
902128219	-	-	-	-
902128314	29,557	8,161	-	-
902128812	-	-	-	-
902129136	-	-	-	-
902131963	-	-	-	-
902134030	-	-	-	-
902140508	-	-	-	-
902140745	-	-	-	-
902141535	-	-	-	-
902144746	-	-	-	-
902144931	3,617	2,490	-	-
902144994	-	-	-	-
902145063	-	-	-	-
902146443	-	-	-	-
902149294	-	-	-	-
902151012	28	15	-	-
902151187	-	-	-	-
902151928	1,162	4,201	-	-
902152203	894	3,597	-	-
902153602	(501)	4,205	-	-
902153992	-	-	-	-
902156809	229	3,135	-	-
902157436	1,400	6,059	-	-
902159139	-	-	-	-
902159500	-	-	-	-
902162555	3,505	4,397	-	-
902164408	-	-	-	-
902165015	-	-	-	-
902168409	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
902169440	2,555	7,319	-	-
902172178	233	1,574	-	-
902172768	814	3,049	-	-
902172843	-	-	-	-
902182051	375	3,332	-	-
902188988	-	-	-	-
902194849	-	-	-	-
902196197	2,199	8,261	-	-
902196565	4,601	4,028	-	-
902204213	(223)	3,181	-	-
902205916	(31,197)	18	-	-
902208938	615	3,184	-	-
902212246	3,192	3,024	-	-
902213800	3,014	12,063	-	-
902220569	-	-	-	-
902224156	(16,195)	(1,465)	-	-
902224820	-	-	-	-
902229067	973	5,582	-	-
902229134	1,488	8,676	-	-
902232096	2,338	6,664	-	-
902243159	-	-	-	-
902244489	(547)	1,868	(34)	(78)
902245117	-	-	-	-
902248345	675	2,616	-	-
902249255	638	3,260	-	-
902249833	(11,987)	1,742	(54)	(149)
902250217	1,961	7,052	-	-
902254726	3,455	5,093	-	-
902260770	584	2,512	-	-
902260806	(522)	(48)	-	-
902262839	714	2,793	-	-
902262919	16,496	21,497	-	-
902266180	664	5,480	-	-
902285842	(261)	2,047	-	-
902292030	(1,051)	(97)	-	-
902297489	(158)	3,049	-	-
902298343	(1,073)	(98)	-	-
902298411	5,299	1,187	-	-
902300947	2,355	4,331	-	-
902302208	-	-	-	-
902308566	(64,771)	(16,549)	(20)	(63)
902308572	(610)	912	-	-
902309471	27,522	5,854	15	32
902310977	13,763	4,302	-	-
902319132	(21,582)	(2,473)	-	-
902319908	(203)	(19)	-	-
902320711	(8,137)	3,486	-	-
902326414	(168)	2,516	-	-
902327564	(12,296)	(2,177)	(12)	(38)
902330736	(906)	(83)	-	-
902331365	5,518	10,040	-	-
902332208	(262)	(24)	-	-
902332443	3,172	2,322	-	-
902332656	405	2,480	-	-
902339442	(17,611)	(5,921)	-	-
902341659	(262)	(24)	-	-
902341661	(384)	1,692	-	-
902341662	(175)	2,132	-	-
902342406	(6,693)	(1,517)	-	-
902347866	(17,305)	3,044	(36)	(112)
902347910	(64,444)	(11,828)	(20)	(63)
902349770	(17,657)	244	(36)	(112)
902352839	(8,395)	(903)	-	-
902353939	(754)	(80)	-	-
902370586	(19,356)	(2,990)	(6)	(20)
902378803	(12,847)	(890)	(23)	(55)

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
902381873	1,797	4,843	-	-
902382858	(1,685)	(243)	-	-
902385715	(2,367)	10,452	-	-
902390721	(81)	(8)	-	-
902391641	(3,130)	2,255	-	-
902392644	60	1,574	-	-
902393190	(64,147)	(12,995)	(20)	(63)
902404833	(260)	(24)	-	-
902409539	(5,203)	3,376	-	-
902410108	(7,536)	(2,476)	-	-
902412504	(430)	(40)	-	-
902412899	(19,172)	(6,127)	(6)	(17)
902415540	(6,525)	(5,289)	(1)	(2)
902415705	(344)	(32)	-	-
902416534	(204)	2,284	-	-
902420050	(260)	(24)	-	-
902422667	(754)	(80)	-	-
902422808	(1,073)	(98)	-	-
902423543	(754)	(80)	-	-
902423546	(509)	(60)	-	-
902426746	77	1,956	-	-
902429794	(195)	(2,630)	-	-
902433046	(539)	(51)	-	-
902434516	(195)	(2,630)	-	-
902436439	(12,847)	(890)	(23)	(55)
902447579	(19,172)	(6,127)	(6)	(17)
902456108	(260)	(24)	-	-
902461383	(7,009)	(1,465)	-	-
902462113	(6,525)	(5,289)	(1)	(2)
CET-PD-ST-TS	3,540,353	489,143	31,548	79,371
800223330	9,916	1,753	-	-
900919144	-	-	-	-
900974758	79,177	21,737	14,774	35,616
901002181	236,322	44,805	7,098	19,305
901432196	-	-	-	-
901492558	-	-	-	-
901618111	-	-	-	-
901624371	10,441	-	2,928	7,513
901624377	64,750	2,660	4,130	10,748
901631240	-	-	-	-
901678993	-	-	-	-
901729891	-	-	-	-
901729984	-	-	-	-
901740445	-	-	-	-
901761105	(30,332)	(10,221)	1	(23)
901767022	-	-	-	-
901776656	-	-	-	-
901777532	-	-	-	-
901794317	-	-	-	-
901822117	-	-	-	-
901833059	-	-	-	-
901844699	-	-	-	-
901844702	-	-	-	-
901848595	-	-	-	-
901863769	-	-	-	-
901910032	-	-	-	-
901971519	-	-	-	-
901971615	-	-	-	-
901971819	-	-	-	-
901977365	-	-	-	-
901998144	-	-	-	-
901998145	-	-	-	-
902032995	-	-	-	-
902036186	-	-	-	-
902036604	-	-	-	-
902056261	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
902056950	-	-	-	-
902058107	-	-	-	-
902061255	-	-	-	-
902071752	-	-	-	-
902073165	-	-	-	-
902077611	-	-	-	-
902079717	-	-	-	-
902080072	-	-	-	-
902082411	-	-	-	-
902083183	-	-	-	-
902099509	-	-	-	-
902103718	-	-	-	-
902110603	-	-	-	-
902110604	-	-	-	-
902110975	3,636	1,276	177	535
902128682	-	-	-	-
902128816	-	-	-	-
902132710	5,744	2,478	199	575
902132875	-	-	-	-
902150911	-	-	-	-
902151648	-	-	-	-
902153643	-	-	-	-
902154587	-	-	-	-
902162295	-	-	-	-
902162646	(284)	(28)	-	-
902168514	-	-	-	-
902170704	-	-	-	-
902178995	-	-	-	-
902183184	28,852	7,086	(0)	(15)
902205065	-	-	-	-
902205074	-	-	-	-
902205581	3,795	188	15	44
902205608	36	-	8	27
902210537	(3,089)	(310)	2	6
902212244	-	-	-	-
902234624	27	-	6	20
902240958	8	-	2	6
902247281	26	-	6	20
902247536	1,754	1,095	-	-
902260606	(243)	(24)	4	12
902260649	10,152	5,331	21	14
902306679	1,148,881	157,688	-	-
902309757	324,357	54,922	79	186
902316922	925,786	47,444	1,436	3,378
902341663	239,976	66,372	517	1,102
902355011	57,470	14,317	22	47
902366288	28,395	1,707	3	6
902383014	43,845	13,463	16	37
902412797	9,357	1,581	14	33
902419716	7,796	5,802	(9)	(38)
902447937	(10,046)	(6,314)	5	11
902450625	18,367	4,772	6	14
902493312	53,145	4,084	12	28
902499149	21,831	1,314	3	8
902502734	27,155	1,553	5	12
902502736	(6,732)	(1,736)	(18)	(59)
902503483	50,359	3,950	15	36
902505337	12,407	2,343	4	10
902505421	20,347	4,746	7	16
902505470	67,654	16,427	26	60
902505531	16,125	5,121	7	16
902505632	18,529	3,161	7	17
902514147	16,249	4,233	6	15
902550334	18,711	2,816	8	18
902550738	9,703	1,550	4	9
4211	(2,907,621)	(461,258)	(39,622)	(84,886)

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
CET-ET-IR-CB	(2,907,621)	(461,258)	(39,622)	(84,886)
800353379	(1,308,585)	(111,268)	(16,262)	(36,447)
900566753	-	-	-	-
900955237	(821,832)	(136,304)	(1,888)	(3,682)
901019136	(54,445)	(4,708)	(20)	(11)
901333444	257,466	45,734	-	-
901380047	11,046	881	247	866
901613741	(1,269,215)	(291,323)	(22,785)	(48,272)
901613742	(131,361)	(27,738)	(1,655)	(3,911)
901647420	(65,538)	3,173	-	-
901884767	474,844	60,294	2,741	6,569
4329	14,672,784	2,688,464	134,264	378,804
CET-ET-IR-CB	14,672,784	2,688,464	134,264	378,804
800354411	(3,049,457)	(320,777)	1,159	2,735
900454546	(0)	(0)	-	-
900566633	0	-	-	-
900566804	0	-	-	-
900566805	(165)	(28)	-	-
900567110	2,268	72	-	-
900955235	(0)	-	-	-
900955236	2,207	70	-	-
900987828	-	-	-	-
900987833	1	0	-	-
900989183	(3,606)	(367)	-	-
900989185	-	-	-	-
900989201	0	-	-	-
900989273	879	172	-	-
900989278	0	0	-	-
900989363	-	-	-	-
900989364	0	-	-	-
900989374	-	-	-	-
901102238	4,456,186	779,668	28,359	85,437
901103037	1,501,524	245,793	14,248	42,589
901103064	(172,309)	(16,216)	(1,806)	(3,503)
901103085	(18,303)	-	-	-
901103092	(121,709)	(1,997)	(557)	(1,256)
901103120	(160,959)	(6,083)	-	-
901103165	279	48	-	-
901213212	(0)	-	-	-
901267649	(0)	-	-	-
901348491	70,045	7,107	135	473
901348492	(9,194)	(246)	-	-
901354736	37,676	7,390	-	-
901355001	234,336	80,461	1,263	7,749
901447897	15,368	4,878	418	1,468
901448259	873,977	151,671	4,736	11,943
901448260	1,369,880	306,170	4,910	15,641
901448263	2,115,003	298,883	24,941	71,576
901448265	2,703	221	142	499
901448273	823,274	181,184	3,968	11,439
901448281	71,866	16,700	584	2,053
901580313	47,259	25,497	297	1,042
901613740	(24,489)	(1,142)	-	-
901646034	53,250	4,061	-	-
901647402	2,812	629	108	379
901647407	2,173,670	357,498	26,361	63,337
901647417	2,922	319	-	-
901647422	4,950	617	289	1,015
901647424	938,400	141,883	-	-
901647427	833,369	135,150	7,498	18,782
901883967	563,878	112,943	1,557	4,606
901883970	2,034,993	176,235	15,655	40,800
4331	8,907,608	(124,693)	88,204	299,880
CET-ET-IR-TB	8,907,608	(124,693)	88,204	299,880
900293214	1	0	-	-
900454685	(703,507)	(80,842)	0	(0)

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
900994654	(1,445,745)	(141,326)	(3,551)	(7,583)
900994655	(1,841,457)	(1,637,134)	(24,190)	(45)
901092953	-	-	-	-
901103050	61,557	7,951	-	-
901103221	2,555,374	307,091	31,568	90,413
901103223	156,559	25,213	1,500	5,273
901164042	8,433	2,192	229	603
901374437	(668,475)	(79,701)	(1,069)	(2,431)
901455874	540,071	93,864	-	-
901556413	39,094	6,057	1,212	4,258
901583381	440,662	97,951	(1,668)	(5,863)
901583386	176,329	24,886	604	2,123
901588281	2,746,688	184,548	35,036	85,822
901588287	3,429,038	478,712	33,965	90,337
901881594	911,345	125,358	4,504	11,100
901905514	1,297,612	168,723	7,271	19,245
902140653	1,133,026	270,140	2,189	4,972
TD1074941	71,002	21,624	605	1,657
TD1171685	-	-	-	-
4343	2,268,165	(453,129)	(101,110)	128,922
CET-ET-IR-RP	2,268,165	(453,129)	(101,110)	128,922
900289965	(311,924)	(93,224)	(1,161)	(150)
900289966	(222,779)	(241,781)	(10,425)	162
900289967	(478,465)	(9,900)	(7,237)	(16,588)
900289968	(541,518)	(108,394)	(4,973)	(11,415)
900289975	378,460	-	-	-
900289976	404,251	-	-	-
900289979	-	-	-	-
900289980	-	-	-	-
900289983	0	-	-	-
900295497	0	-	-	-
900382905	(113,242)	(62,074)	-	-
900382906	64,939	9,248	-	-
900454690	(388,984)	(431,592)	(13,979)	-
900454692	1,189,019	340,301	7,649	20,854
900454693	(38,511)	(2,074)	-	-
900454694	776,857	197,839	4,170	11,436
900566597	0	0	-	-
900566861	(20,240)	(2,096)	-	-
900566863	(69,029)	(11,208)	-	-
900566864	1,159	862	-	-
900707933	(179,215)	(34,939)	(1,356)	(2,599)
900707934	188,516	51,887	-	-
900707937	(641,111)	(143,676)	(7,837)	(12,577)
900707938	1,382	573	-	-
900708299	(136,710)	1,830	-	-
900708301	476,044	118,577	6,575	15,882
900708302	(75,852)	(6,262)	-	-
900955482	(0)	-	-	-
900955483	0	0	-	-
900955484	0	-	-	-
900955485	(0)	-	-	-
900955486	(59,555)	(11,987)	-	-
900955487	(39,376)	(8,462)	-	-
900955488	(31,825)	(7,950)	-	-
900955489	(7,600)	2,740	-	-
900955493	(607,625)	(576,738)	(114,894)	-
900955495	(21,626)	(3,183)	-	-
900994699	(356,069)	(27,150)	-	-
900994700	(92)	(0)	-	-
900994702	7,818	2,129	-	-
900994703	(276,253)	(20,901)	-	-
900994704	(123,578)	(10,991)	-	-
901103511	776,270	156,366	10,988	28,088
901103514	(61,235)	(21,685)	(2,354)	-
901103518	2,133	91	209	734

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
901103541	23,728	4,466	506	1,779
901323830	1,591,986	299,013	24,773	73,697
901323956	(12,290)	620	-	-
901323958	0	0	-	-
901755304	515,318	92,464	6,479	15,487
901884475	684,985	104,133	1,756	4,132
4518	109,963,248	10,144,133	3,480,670	9,253,562
CET-ET-LG-TS	109,963,248	10,144,133	3,480,670	9,253,562
800315285	18,059,029	1,134,812	447,240	1,167,438
800315287	85,818,662	8,423,639	2,938,112	7,835,195
901019582	182,760	38,299	6,019	16,373
901066373	2,015,480	266,324	38,422	99,337
TD1088208	829,991	54,928	12,431	33,217
TD1089958	260,319	46,838	7,895	22,530
TD1090099	595,467	63,430	14,698	40,653
TD1108115	278,622	11,027	35	82
TD1115017	1,922,918	104,838	15,819	38,736
4651	1,395,260	42,537	45,902	122,877
CET-OT-OT-ME	1,395,260	42,537	45,902	122,877
900377874	(6,821)	(1,312)	-	-
900504925	-	-	-	-
900504926	7	0	-	-
901332825	(2,701)	(635)	-	-
901333284	1,793	76	-	-
901412848	432,637	12,205	18,268	51,444
901558019	148,393	4,774	1,049	1,763
901784361	3,209	117	-	-
901800895	9,862	255	-	-
901822673	782,795	26,043	26,362	69,133
902181744	5,444	210	58	148
902359382	11,156	457	118	277
902359671	6,144	221	48	112
902402585	3,340	125	-	-
4756	15,068,465	1,347,096	256,015	719,492
CET-ET-IR-ME	15,068,465	1,347,096	256,015	719,492
900293288	-	-	-	-
900293289	-	-	-	-
900293290	-	-	-	-
900454561	-	-	-	-
900454706	-	-	-	-
900454720	(123,526)	(67,872)	(1,157)	-
900454983	-	-	-	-
900454984	67,251	1,572	-	-
900955530	0	-	-	-
900955535	0	-	-	-
900955537	-	-	-	-
900955573	(3,473)	(280)	(168)	0
900987577	(0)	-	-	-
900987899	(247,911)	(29,820)	-	-
900987901	(0)	-	-	-
900994802	(223,821)	(20,144)	(235)	(501)
900994809	(652,877)	(110,644)	(1,630)	(4,280)
900994816	-	-	-	-
900995119	(42,214)	(3,328)	-	-
900995121	46,601	7,603	-	-
900995129	-	-	-	-
900995130	(59,499)	(9,180)	-	-
900995131	4,811,739	561,502	88,717	259,293
900995142	(36,054)	(4,200)	-	-
901002340	(898)	(279)	-	-
901002343	0	-	-	-
901002356	(293,118)	(38,132)	(219)	(593)
901002358	(163,838)	(14,214)	-	-
901002379	0	-	-	-
901002388	(3,614)	(122)	-	-
901002389	0	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
901002390	(3,318)	(421)	-	-
901002391	0	-	-	-
901007725	(36,392)	(3,978)	0	0
901024341	-	-	-	-
901061189	1,685,610	104,370	33,604	95,920
901099731	-	-	-	-
901103529	74,480	10,653	1,616	4,611
901103532	14,339	699	106	373
901103593	12,067	438	-	-
901103819	183,892	62,374	283	2,103
901103823	72,531	13,893	1,075	3,220
901119124	5,213	1,770	-	-
901126564	-	-	-	-
901161357	(0)	-	-	-
901161360	(9,998)	(7,113)	(1,573)	-
901167824	(17,448)	(725)	-	-
901167920	(0)	-	-	-
901167936	(3)	(0)	-	-
901167937	(2,928)	(538)	(28)	(48)
901167965	(127,083)	(9,827)	(16)	(31)
901167980	(10,374)	(3,282)	-	-
901167981	189,242	32,047	3,551	9,849
901181249	(206,947)	(32,501)	-	-
901181251	(118,270)	(9,945)	(3,128)	64
901181252	(62,682)	8,899	-	-
901181254	815	0	190	624
901181255	(1,071,715)	(177,201)	(3,071)	(2,554)
901181299	(40,366)	(4,551)	(167)	(380)
901337423	(45,782)	3,520	(590)	(1,345)
901348730	87,789	14,140	87	307
901348731	0	0	-	-
901354919	21,536	5,619	-	-
901355549	150	52	-	-
901386480	130,747	28,338	4,067	12,155
901394704	558	156	25	87
901439144	(1,645)	(1,645)	357	1,256
901531570	(40,757)	(8,536)	(940)	(2,002)
901531571	(10,075)	(491)	-	-
901531576	363,174	54,901	3,394	9,951
901531599	(926,903)	(118,555)	(5,964)	(11,119)
901531606	28,648	1,151	1,563	5,494
901580357	1,521	66	-	-
901580479	0	0	-	-
901613911	8,977,323	632,287	109,374	272,456
901614122	-	-	-	-
901848585	264,618	41,601	1,521	3,838
901886283	18,029	5,535	43	101
901886284	31,309	7,351	244	664
901886286	219,540	34,509	954	2,391
901886287	109,775	20,484	493	1,241
901886289	154,725	27,001	1,148	2,823
901886294	121,268	21,750	906	2,314
901886297	56,947	14,279	236	599
901886583	1,900,560	306,059	21,345	50,611
CIT-00-OP-NS	-	-	-	-
801669380	-	-	-	-
4847	1,836	(415)	1	(0)
CET-ET-TP-EC	1,836	(415)	1	(0)
800062494	590	224	-	-
800062527	371	141	-	-
800062846	(0)	(0)	-	-
800062850	3,311	564	-	-
800062902	3,819	731	1	(0)
800063033	44	17	-	-
800403645	66	25	-	-
800504834	-	-	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
901102948	(0)	-	-	-
901386485	(6,364)	(2,116)	-	-
CET-ET-TP-RN	-	-	-	-
800504836	-	-	-	-
4928	14,872	630	-	-
CET-ET-TP-RN	14,872	630	-	-
800062535	(24)	(1)	-	-
800422627	14,895	631	-	-
4935	(0)	-	-	-
CET-ET-TP-RL	(0)	-	-	-
800062697	(0)	-	-	-
4956	(441,196)	79,076	14,302	39,685
CET-ET-TP-RL	(441,196)	79,076	14,302	39,685
703740	56,086	-	-	-
800062473	621,322	146,905	14,302	39,685
800062646	(1,017,062)	(55,131)	0	(0)
800062657	(101,543)	(12,699)	-	-
800194054	0	0	-	-
CET-RP-TP-RL	-	-	-	-
801326573	-	-	-	-
5075	9,223	200	-	-
CET-ET-LG-TS	9,223	200	-	-
800063494	9,223	200	-	-
5089	7,547,939	1,150,171	106,050	296,395
CET-ET-IR-RP	7,547,939	1,150,171	106,050	296,395
756289	111,270	24,080	-	-
900380819	23,919	23,919	-	-
900455009	(705,221)	(174,431)	(2,525)	(96)
900455010	(28,530)	(793)	(861)	(2,024)
900455011	(176,154)	(28,517)	(848)	(87)
900455012	(1,200,837)	(181,988)	(2,299)	(4,174)
900955575	(95,393)	(10,083)	-	-
901103502	34,663	9,381	-	-
901103517	2,566	521	331	1,165
901103540	2,613,299	293,723	30,378	77,614
901454153	1,019,131	251,952	17,361	42,098
901454155	3,520,580	604,742	41,281	117,980
901459161	2,076,136	205,621	10,615	31,664
901583534	(0)	-	-	-
901596112	326,033	73,433	2,841	6,933
901635606	(840,044)	(96,669)	255	897
901635607	135,117	34,464	381	1,337
901886784	299,760	45,936	2,549	6,363
901886786	172,874	29,310	3,577	9,201
901886787	258,769	45,572	3,015	7,523
CET-ET-TP-RL	(0)	-	-	-
900313136	(0)	-	-	-
5210	46,480,248	3,019,590	801,623	2,290,505
CET-ET-IR-TB	46,480,248	3,019,590	801,623	2,290,505
800273305	92,341	6,407	2,465	8,664
900225935	-	-	-	-
900379951	-	-	-	-
900454964	11,416,765	833,410	238,294	685,371
900454965	(2,969,159)	(269,664)	-	-
900454967	-	-	-	-
900454968	-	-	-	-
900708304	(565,305)	(120,919)	-	-
900908204	-	-	-	-
900994698	2,680,770	161,259	-	-
900994761	(860,586)	(145,844)	(141)	(313)
900994762	(714,751)	(202,405)	(6,513)	(320)
901103707	(648,548)	(53,566)	1,804	5,409
901103708	169,645	(97,591)	(9,786)	5
901103709	5,607,382	454,747	60,583	156,111
901103710	846,848	67,650	-	-
901103711	(382,761)	(30,214)	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
901355248	18,335,366	1,340,984	369,060	1,066,507
901363201	8,060,146	532,300	107,105	266,684
901363476	324,697	75,989	-	-
901559408	5,087,397	467,046	38,751	102,387
5243	1,007,232	55,963	-	-
CET-ET-TP-RN	1,007,232	55,963	-	-
800217316	1,007,244	55,964	-	-
800217330	(12)	(0)	-	-
5316	-	-	-	-
CET-RP-LG-TS	-	-	-	-
800162876				-
5329	38,594,401	5,986,770	2,291,264	5,971,526
CET-ET-LG-TS	38,594,401	5,986,770	2,291,264	5,971,526
800060749	37,651,666	5,878,818	2,290,012	5,967,129
800062768	73,072	21,259	1,251	4,397
TD1173754	(368,993)	(56,001)	-	-
TD540496	1,238,656	142,694	-	-
5360	(9,358)	(332)	151	350
CET-ET-LG-TS	(9,358)	(332)	151	350
800062862	500	-	151	350
800063695	(9,858)	(332)	-	-
5383	1,302,006	205,786	10,160	24,730
CET-ET-LG-TS	1,302,006	205,786	10,160	24,730
800062829	1	0	-	-
TD1073406	1,302,005	205,786	10,160	24,730
5472	174	66	-	-
CET-ET-TP-RN	174	66	-	-
800217232	174	66	-	-
6154	(1,201,779)	(195,764)	(2,358)	1,523
CET-ET-TP-RL	(1,201,779)	(195,764)	(2,358)	1,523
800062630	1,957	0	433	1,523
800062649	(122,967)	(127,466)	(2,792)	-
800062682	(1,080,770)	(68,298)	-	-
6197	53,633	31,839	-	-
CET-ET-IR-ME	53,633	31,839	-	-
800062781	6,558	1,479	-	-
800063031	(45,603)	22,136	-	-
800063601	(54,170)	914	-	-
800063611	146,848	7,309	-	-
6414	78	227	-	-
CET-ET-TP-RL	78	227	-	-
800062504	78	227	-	-
6415	(566,948)	(60,377)	(3,845)	(8,668)
CET-ET-TP-RL	(566,948)	(60,377)	(3,845)	(8,668)
900512641	0	-	-	-
900512642	(559,306)	(59,781)	(3,845)	(8,668)
900512643	2,291	91	-	-
900566042	(9,933)	(686)	-	-
6419	8,290	4,428	-	-
CET-ET-TP-RL	8,290	4,428	-	-
800062528	8,290	4,428	-	-
6420	9,469,406	735,519	56,620	136,042
CET-ET-TP-RN	9,469,406	735,519	56,620	136,042
901453923	3,046,911	270,439	-	-
TD1223466	6,422,495	465,080	56,620	136,042
6428	(39,869)	(400)	-	-
CET-OT-OT-BP	(39,869)	(400)	-	-
900484117	(0)	-	-	-
900707848	3,845	179	-	-
900707849	(43,487)	(1,510)	-	-
900707850	(8,126)	(1,828)	-	-
900707851	7,898	2,759	-	-
6434	(149,200)	-	-	-
COS-00-RE-LR	(149,200)	-	-	-
800051827	(149,200)	-	-	-
6435	287,697	11,609	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
CET-ET-TP-RN	91	39	-	-
800217116	91	39	-	-
CET-RP-TP-RN	287,606	11,570	-	-
800051900	(155)	-	-	-
801010830	287,761	11,570	-	-
6438	876,589	109,660	-	-
CET-ET-TP-RN	876,589	109,660	-	-
800218130	520,260	19,038	-	-
800218138	356,329	90,622	-	-
6439	810,918	102,555	-	-
CET-ET-TP-RN	810,918	102,555	-	-
800218645	810,918	102,555	-	-
6440	11,979,072	839,392	-	-
CET-ET-TP-RN	11,979,072	839,392	-	-
800216839	803	311	-	-
800216848	237	92	-	-
800218712	179,164	56,746	-	-
900516432	0	0	-	-
900817489	11,798,867	782,243	-	-
6442	874,629	44,816	-	-
CET-ET-TP-RN	874,629	44,816	-	-
800217339	874,641	44,816	-	-
800217366	(12)	(0)	-	-
6446	2,889,668	662,175	85,086	226,674
CET-ET-GA-EM	2,889,668	662,175	85,086	226,674
900295588	(108,679)	(11,626)	(284)	(535)
900295595	(0)	-	-	-
900295596	378	133	-	-
900379935	(336,782)	(18,245)	(18)	(24)
900380022	(99,987)	(9,955)	-	-
900431110	1,369,940	260,485	38,513	101,662
901597182	2,064,798	441,383	46,875	125,571
6448	(9,899)	(362)	-	-
CET-ET-LG-TS	(9,899)	(362)	-	-
800063530	(9,899)	(362)	-	-
6468	2,291	394	-	-
CET-ET-TP-RL	2,291	394	-	-
800063610	2,291	394	-	-
6477	(0)	-	-	-
CET-ET-TP-RL	(0)	-	-	-
800228404	-	-	-	-
800228521	(0)	-	-	-
6551	(152)	(6)	-	-
CET-ET-TP-RN	(152)	(6)	-	-
900316933	(9)	(0)	-	-
900316934	(3)	(0)	-	-
900344621	(27)	(1)	-	-
900344623	(113)	(4)	-	-
6668	(834)	(28)	-	-
CET-ET-LG-TS	(834)	(28)	-	-
800062895	(834)	(28)	-	-
6670	(12,144)	(18,498)	10,754	38,634
CET-ET-LG-TS	(12,144)	(18,498)	10,754	38,634
800440341	358,377	33,907	10,701	37,607
901331369	411	0	91	320
901331370	(260,024)	(32,357)	(27)	150
901331371	(28,689)	(7,333)	92	323
901331376	287	0	63	223
901331378	(7,815)	(342)	148	476
901331479	1,263	200	149	525
TD1061028	(75,954)	(12,573)	(463)	(989)
6694	15,999	6,919	-	-
CET-ET-TP-RN	15,999	6,919	-	-
900520590	15,999	6,919	-	-
6714	(497,196)	(114,050)	(3,067)	(1,528)
CET-ET-TP-RL	(497,196)	(114,050)	(3,067)	(1,528)

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
800135527	8,336	302	-	(0)
900197961	(505,532)	(114,352)	(3,067)	(1,528)
6791	0	0	-	-
CET-ET-TP-RL	0	0	-	-
800308935	0	0	-	-
6807	(0)	(0)	-	-
CET-ET-LG-TS	(0)	(0)	-	-
800338777	(0)	(0)	-	-
6929	58	22	-	-
CET-ET-TP-RN	58	22	-	-
900248417	0	0	-	-
900312870	-	-	-	-
900342200	-	-	-	-
901363478	58	22	-	-
6931	(9,682)	(354)	-	-
CET-ET-GA-EM	(9,682)	(354)	-	-
800382870	(9,682)	(354)	-	-
6960	2,657,919	5,093,937	-	-
CET-ET-CR-WC	2,657,919	5,093,937	-	-
900478268	125,629	273,694	-	-
900478271	(2,558,256)	655,103	-	-
900478274	395,574	887,476	-	-
900478587	4,679,389	3,233,812	-	-
900644835	7,218	14,125	-	-
900644836	8,367	29,728	-	-
7010	(2,462,483)	(174,157)	(12,085)	(31,105)
CIT-00-OP-NS	-	-	-	-
801215089	-	-	-	-
COS-00-CS-CS	(2,462,483)	(174,157)	(12,085)	(31,105)
801219415	-	-	-	-
801219500	(670,790)	(53,961)	(4,577)	(12,630)
801219502	(3,136,917)	(313,994)	(16,618)	(45,913)
801219504	43,064	9,225	56	141
801219512	-	-	-	-
801219514	(2,555)	(655)	-	-
801219549	2,742	857	-	-
801219553	-	-	-	-
801219554	(63,567)	(7,564)	(44)	(110)
801219562	(69)	(1)	-	-
801219567	-	-	-	-
801219574	(7,868)	-	(1,866)	(6,002)
801219576	179,853	20,125	319	782
801219581	-	(0)	-	-
801219589	325,977	60,836	482	1,171
801219591	76,108	17,047	91	220
801219592	75,399	12,269	1,940	5,737
801219594	551	281	-	-
801219596	(62,739)	(10,025)	(50)	(126)
801219597	129,612	12,290	146	369
801219601	299,624	27,062	260	659
801219605	41,827	9,352	11	29
801219609	(4,403)	-	(1,044)	(3,359)
801219611	51,034	13,392	1,771	5,344
801253751	(0)	0	(0)	0
801253753	264,430	29,308	7,937	25,479
801253757	(0)	(0)	(0)	-
801253780	(3,796)	-	(900)	(2,895)
801253782	-	0	(0)	-
7014	-	-	-	-
CET-ET-TP-RN	-	-	-	-
800219424	-	-	-	-
800219631	-	-	-	-
7061	(39,607)	(1,822)	-	-
CET-ET-TP-RN	(39,607)	(1,822)	-	-
900603420	(39,607)	(1,822)	-	-
900603422	0	0	-	-

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
7067	(0)	-	-	-
CET-ET-TP-RN	(0)	-	-	-
901074543	(0)	-	-	-
7076	736	(0)	215	523
CET-ET-TP-RL	736	(0)	215	523
800404139	736	(0)	215	523
7081	392,209	310,463	(9)	(17)
CET-ET-CR-WC	73,428	261,085	-	-
900528697	(5,820)	120,963	-	-
TD568067	79,248	140,122	-	-
CET-ET-TP-RN	318,781	49,379	(9)	(17)
900528839	(2,839)	(561)	(9)	(17)
TD578493	321,621	49,940	-	-
7111	-	12,451	1,975	4,579
CET-ET-TP-RL	-	12,451	1,975	4,579
900305113	-	12,451	1,975	4,579
7112	244,334	55,209	-	-
CET-ET-TP-RL	244,334	55,209	-	-
900305114	244,334	55,209	-	-
7113	15,350,467	1,943,436	298,979	831,123
CET-ET-LG-TS	15,350,467	1,943,436	298,979	831,123
901241164	15,350,467	1,943,436	298,979	831,123
7120	(3,028)	(130)	-	-
CIT-00-OP-NS	(3,028)	(130)	-	-
801384688	(3,028)	(130)	-	-
7121	(535,573)	(53,577)	0	(0)
CET-ET-TP-RL	(535,573)	(53,577)	0	(0)
900713965	(535,573)	(53,577)	0	(0)
7183	(6,416,245)	(5,356,610)	(14,950)	(35,413)
CET-ET-TP-RN	(5,962,855)	(4,903,220)	(14,950)	(35,413)
800062547	(2,866,398)	(2,894,696)	-	-
800063658	(706,798)	(706,798)	-	-
900604086	(1,257,862)	(1,207,499)	(14,950)	(35,413)
901374880	(1,131,797)	(94,227)	-	-
CET-RP-TP-RN	(453,390)	(453,390)	-	-
800452215	(453,390)	(453,390)	-	-
7235	(103,703)	(38,640)	(906)	(2,065)
CET-ET-TP-RL	(103,703)	(38,640)	(906)	(2,065)
900572468	(103,703)	(38,640)	(906)	(2,065)
7241	89,303	13,398	-	-
CET-ET-TP-RL	89,303	13,398	-	-
900713966	89,303	13,398	-	-
7248	126,364	39,226	(82)	(222)
CET-ET-TP-RN	126,364	39,226	(82)	(222)
801388688	33,272	33,272	-	-
900635394	2	0	(0)	(0)
900651518	1	0	-	-
900692364	115,938	9,322	-	-
901134039	0	-	-	-
901192486	-	-	-	-
901227597	(22,849)	(3,368)	(82)	(222)
7284	(18,717)	(1,004)	-	-
CET-ET-TP-RL	(18,717)	(1,004)	-	-
900692056	(18,717)	(1,004)	-	-
7298	80,340,847	5,314,244	875,057	2,335,179
CET-PD-OT-PJ	80,340,847	5,314,244	875,057	2,335,179
901653255	17,665,758	889,206	206,313	539,707
901653257	18,257,474	1,014,490	193,171	509,788
901663240	12,484,531	684,121	117,339	292,161
901663242	5,048,304	303,849	43,410	116,863
901848367	392,617	26,578	389	1,368
901848372	138,934	11,066	139	488
901881000	1,030,178	140,702	4,750	14,229
901881005	3,460,026	273,985	21,921	63,127
901881006	(824,032)	(133,439)	2,749	9,089
901881008	161,341	5,395	2,920	8,879

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
901919850	-	-	-	-
901920163	-	-	-	-
901924602	19,140	-	4,801	14,338
901933431	447,682	28,919	13,291	38,562
901933433	24,269	-	6,082	18,187
901933437	400,475	49,680	21,844	60,944
901960223	927,188	74,767	1,253	3,369
901960226	258,244	28,516	105	37
901960227	47,876	5,909	-	-
901960232	231,810	19,883	1,030	2,780
901960233	1,379,012	98,503	2,842	6,872
901960524	737,011	44,920	-	0
901960527	4,752	1,640	36	115
901971822	(26,387)	(2,200)	3,527	10,522
901971825	25,443	1,153	1,413	4,265
901971828	56,224	-	13,984	42,239
901971829	13,044	-	3,277	9,767
901971831	95,159	(1,652)	31,549	94,442
901978106	3,876,114	363,576	44,601	107,215
901978206	3,009,393	181,858	21,827	51,927
901982953	306,101	6,975	63,368	189,036
901986938	509,550	145,636	2,384	7,832
902067216	-	-	-	-
902067458	-	-	-	-
902067499	46,152	2,406	91	320
902067759	121,278	10,005	255	897
902067760	566,444	45,343	3,544	9,103
902067763	36,610	3,700	47	165
902067764	-	-	-	-
902067766	1,104,300	151,340	6,881	16,538
902067767	1,138,036	66,308	7,593	18,349
902067768	683,181	35,785	7,710	18,951
902067770	721,832	51,814	3,798	10,677
902239303	924,236	53,777	80	189
902239304	31,842	10,287	22	53
902301443	319,090	19,208	25	59
902301449	916,582	45,943	415	977
902306765	276,210	14,934	2,303	5,418
TD1113908	88,129	4,955	1,065	2,700
TD1113909	(4,873)	(482)	26	82
TD1113910	-	-	-	-
TD1113911	(12,737)	(1,309)	(18)	(56)
TD1113912	-	-	-	-
TD1113913	(12,739)	(1,309)	(19)	(57)
TD1113914	65,916	13,711	1,037	2,672
TD1113915	118,664	19,328	1,441	3,613
TD1114130	5,517	6,756	1,230	3,033
TD1114151	-	-	-	-
TD1114374	56,559	3,358	1,454	4,410
TD1114376	-	-	-	-
TD1117454	(127,053)	(12,707)	(138)	(422)
TD1122608	-	-	-	-
TD1122610	(91,055)	(9,718)	(132)	(403)
TD1138181	(68,863)	(13,525)	(165)	(489)
TD1139462	581,078	62,763	4,463	12,155
TD1160393	-	-	-	-
TD1160399	-	-	-	-
TD1160405	-	-	-	-
TD1168273	-	-	-	-
TD1168450	-	-	-	-
TD1169483	70,105	11,431	655	1,968
TD1169541	64,056	3,942	909	2,752
TD1169589	(160,832)	(55,523)	106	339
TD1169618	-	-	-	-
TD1169681	-	-	-	-
TD1169776	191	-	45	146

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
TD1169794	-	-	-	-
TD1170979	122,589	21,193	1,048	2,700
TD1170989	107,401	9,911	779	1,792
TD1170993	103,651	12,275	483	1,165
TD1171005	109,661	13,087	504	1,261
TD1171009	263,153	28,077	1,613	4,082
TD1171012	71,874	12,332	295	829
TD1171018	27,176	5,405	352	1,040
TD1171025	(38,940)	(10,602)	-	-
TD1171081	130,451	34,708	316	808
TD1171138	128,147	24,179	662	1,592
TD1171143	(10,815)	(3,551)	-	-
TD1171146	65,949	12,750	199	542
TD1188638	-	-	-	-
TD1193670	-	-	-	-
TD1197842	172	-	41	131
TD1197845	(225,597)	(24,814)	(262)	(806)
TD1198917	35,714	4,784	768	1,772
TD1198920	324,601	53,987	2,702	6,573
TD1214100	189	-	42	147
TD1230899	256,539	27,780	1,499	3,869
TD1230908	93,999	9,863	1,631	4,270
TD1231011	417,716	76,036	3,324	8,034
TD1231019	(17,191)	(4,167)	6	21
TD1231024	554,383	102,304	3,077	7,323
TD1234871	(31,433)	(10,648)	24	78
TD1236606	56,617	7,191	45	115
TD1236616	122,134	27,929	1,142	3,413
TD1241134	108,633	22,925	1,276	3,508
TD1249121	(73,274)	(19,627)	69	222
TD1273990	118,017	15,831	198	532
TD1275731	337,888	50,582	2,353	5,667
TD1298031	261,289	33,414	1,212	2,875
TD1298275	9,784	9,763	(908)	(1,922)
TD1305548	2,788	772	(41)	(124)
TD1317671	617,217	10,029	5,202	15,584
TD1318590	61,941	15,039	217	510
TD1322200	160,635	19,272	1,480	3,753
TD1349949	199,554	33,989	1,219	2,869
TD1370438	32,237	5,043	76	179
TD1371925	45,294	7,022	118	277
TD1379167	63,646	16,574	77	182
TD595732	-	-	-	-
TD684228	-	-	-	-
TD693455	-	-	-	-
TD693752	-	-	-	-
TD693809	-	-	-	-
TD724137	25	1	-	-
TD839139	(57,807)	29,807	(26,138)	(61,476)
TD839140	(20,152)	(5,389)	-	-
TD839368	-	-	-	-
TD840140	-	-	-	-
TD854278	567,701	107,442	12,163	36,340
TD854342	(101,162)	(15,845)	(472)	(1,299)
TD854970	499	18	-	-
TD855013	-	-	-	-
TD869797	-	-	-	-
TD869798	54,379	3,384	1,830	5,496
TD877662	(90,608)	(12,616)	(162)	(500)
TD923713	(2,240,899)	(249,756)	(20,044)	(60,532)
TD985643	-	-	-	-
7371	(366,773)	(29,892)	(1,637)	-
CET-PD-LG-TS	(366,773)	(29,892)	(1,637)	-
901044625	(366,773)	(29,892)	(1,637)	-
7374	57,090	5,591	603	1,537
CET-ET-TP-RL	57,090	5,591	603	1,537

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
900772537	57,090	5,591	603	1,537
7376	(63,751)	(3,865)	-	-
CET-ET-TP-RL	(63,751)	(3,865)	-	-
900751483	(64,177)	(4,073)	-	-
901024431	426	208	-	-
7384	(112,032)	(27,249)	7,387	22,425
CET-PD-LG-TS	(112,032)	(27,249)	7,387	22,425
TD1101624	(112,032)	(27,249)	7,387	22,425
7426	(12,701)	1,630	(0)	0
CET-ET-TP-RN	(12,701)	1,630	(0)	0
900635397	(12,701)	1,630	(0)	0
7444	-	-	-	-
CET-ET-TP-RL	-	-	-	-
900950829	-	-	-	-
7451	(64,086)	(21,075)	5,424	20,259
CET-ET-TP-RL	(64,086)	(21,075)	5,424	20,259
800477079	39,279	446	6,172	21,691
901330664	(103,365)	(21,521)	(748)	(1,432)
7460	2	0	-	-
CET-ET-TP-RL	2	0	-	-
901110214	1	0	-	-
901110215	1	0	-	-
7466	3,707	137	-	(0)
CET-ET-TP-RL	3,707	137	-	(0)
900950821	3,707	137	-	(0)
901390235	-	-	-	-
7512	702,959	83,295	7,160	19,223
CET-PD-LG-TS	702,959	83,295	7,160	19,223
901768786	702,959	83,295	7,160	19,223
7547	5,568,454	795,734	41,479	125,042
CET-ET-TP-RL	5,568,454	795,734	41,479	125,042
901107340	5,568,454	795,734	41,479	125,042
7553	3,225,646	286,360	-	-
CET-ET-TP-RN	3,146,017	286,360	-	-
900610533	995,301	120,059	-	-
901094247	7,821	1,139	-	-
901094249	231	81	-	-
901109252	1,295,738	81,771	-	-
901109253	846,376	83,124	-	-
901486465	550	186	-	-
CET-RP-TP-RN	79,629	-	-	-
801025887	79,629	-	-	-
7555	10,655,820	579,057	27,865	78,846
CET-ET-TP-RL	10,655,820	579,057	27,865	78,846
901564028	44,685	10,890	487	1,400
901564030	301,873	20,550	516	1,367
901777019	8,678,087	382,826	26,539	74,953
902124582	1,039,852	89,710	10	27
902132965	262,511	17,128	0	1
TD1027726	328,813	57,953	312	1,097
7559	-	-	-	-
CET-ET-TP-RN	-	-	-	-
901100957	-	-	-	-
7580	2,604,421	456,428	28,834	82,305
CET-ET-TP-RN	2,604,421	456,428	28,834	82,305
901263643	2,604,421	456,428	28,834	82,305
7645	755,665	80,336	11,673	35,930
CET-ET-TP-RL	755,665	80,336	11,673	35,930
901254013	5,592	11,114	-	-
901254014	11,592	4,092	-	-
901254015	2,807	(1,467)	-	-
901254016	735,674	66,597	11,673	35,930
7647	(15,412)	517	(12)	(33)
CET-ET-TP-RL	(15,412)	517	(12)	(33)
901238250	(35,269)	(2,745)	-	-
901238660	19,779	3,235	(12)	(33)

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity
901509574	78	27	-	-
7650	12,615	2,001	-	-
CET-ET-TP-RN	12,615	2,001	-	-
901307713	12,615	2,001	-	-
7657	55,023	10,434	-	-
CET-ET-TP-RL	55,023	10,434	-	-
901285184	55,023	10,434	-	-
7678	(412,800)	(102,182)	(1,147)	(2,329)
CET-ET-TP-RL	(412,800)	(102,182)	(1,147)	(2,329)
901310138	(188,011)	(62,840)	(237)	(559)
901310319	(109,982)	(19,624)	(791)	(1,485)
901310320	(114,815)	(19,719)	(120)	(284)
901310321	8	0	-	-
7680	1,961,917	270,545	59	189
CET-ET-TP-RL	1,961,917	270,545	59	189
901333497	1,961,917	270,545	59	189
7681	(664,095)	(51,636)	1,264	3,779
CET-ET-IR-ME	(664,095)	(51,636)	1,264	3,779
755620	71	-	17	54
755621	1,420	-	337	1,083
755622	-	-	-	-
755623	406	-	96	310
901333954	56,261	2,957	814	2,332
901333956	(74,977)	(4,191)	0	0
901333957	(4,840)	(210)	-	-
901333958	(642,436)	(50,192)	-	-
7691	1,771,458	298,507	4,642	14,098
CET-ET-TP-RN	1,771,458	298,507	4,642	14,098
901355205	1,771,458	298,507	4,642	14,098
7695	27,549	9,631	-	-
CET-ET-TP-RL	27,549	9,631	-	-
901368041	27,549	9,631	-	-
7696	198,912	106,820	(0)	(0)
CET-ET-LG-TS	198,912	106,820	(0)	(0)
901379892	241,830	108,185	-	-
TD974522	(42,917)	(1,364)	(0)	(0)
7713	708,046	147,549	3,042	6,605
CET-ET-IR-RB	708,046	147,549	3,042	6,605
TD1316388	708,046	147,549	3,042	6,605
7715	24	-	5	19
CET-ET-IR-ME	24	-	5	19
901583528	24	-	5	19
7716	182,065	15,844	1,953	5,743
CET-ET-IR-ME	182,065	15,844	1,953	5,743
901525983	79	-	17	61
901526123	176,558	17,966	1,634	4,769
901531366	253	0	56	196
901583607	(26,118)	(7,296)	74	260
902124584	31,294	5,175	171	457
7726	(0)	(0)	-	-
CET-PD-LG-TS	(0)	(0)	-	-
TD992346	(0)	(0)	-	-
7727	2,331	829	40	141
CET-ET-TP-RL	2,331	829	40	141
901919742	2,331	829	40	141
7756	3,348,333	443,239	47,381	115,513
CET-ET-TP-RN	3,348,333	443,239	47,381	115,513
901458993	3,348,333	443,239	47,381	115,513
7757	(296,856)	(67,115)	(2,632)	(5,124)
CET-ET-TP-RL	(296,856)	(67,115)	(2,632)	(5,124)
901464530	(296,856)	(67,115)	(2,632)	(5,124)
7758	(170,131)	(17,517)	(2,249)	(4,618)
CET-ET-TP-RL	(170,131)	(17,517)	(2,249)	(4,618)
901456682	(10,232)	(1,451)	-	-
901456683	(159,899)	(16,066)	(2,249)	(4,618)
7763	1,087,770	118,726	9,064	27,529

Row Labels	Sum of activity_cost	Sum of Overheads	Sum of AFUDC Debt	Sum of AFUDC Equity	
CET-ET-TP-RN	1,087,770	118,726	9,064	27,529	
901483656	7,135	2,422	-	-	
901484303	5,320	1,816	-	-	
901484317	15,248	600	390	1,372	
901671834	1,060,067	113,887	8,674	26,157	
7779	11,562	865	32	113	
CET-ET-IR-ME	11,562	865	32	113	
901650398	0	-	-	-	
901887457	11,562	865	32	113	
7790	7,860,679	889,035	96,781	247,822	
CET-ET-TP-RL	7,860,679	889,035	96,781	247,822	
901552346	7,860,679	889,035	96,781	247,822	
7805	605,133	126,768	1,865	6,553	
CET-ET-TP-RL	605,133	126,768	1,865	6,553	
901583779	53,141	12,234	-	-	
901583780	551,992	114,533	1,865	6,553	
7806	479	274	1,394	4,900	
CET-ET-TP-RL	479	274	1,394	4,900	
901580758	(42,075)	(5,809)	-	-	
901580779	42,554	6,083	1,394	4,900	
7820	36,287,823	2,358,605	497,191	1,214,770	
CET-ET-IR-ME	36,287,804	2,358,608	497,185	1,214,753	
901656354	20,604,999	1,226,041	300,803	725,068	
901656355	11,504,645	828,610	151,738	378,481	
902072001	4,178,161	303,958	44,644	111,204	
COS-00-CS-CS	19	(4)	6	17	
756300	19	(4)	6	17	
7833	1,219	140	149	523	
CET-ET-LG-TS	1,219	140	149	523	
901617278	1,219	140	149	523	
7834	1,433,436	281,891	17,099	47,414	
CET-ET-LG-TS	1,433,436	281,891	17,099	47,414	
901618623	1,433,436	281,891	17,099	47,414	
7835	(1,583)	(339)	377	1,326	
CET-ET-LG-TS	(1,583)	(339)	377	1,326	
901617779	(1,583)	(339)	377	1,326	
8002	3,848,330	377,368	14,886	36,216	
CET-ET-LG-TS	3,848,330	377,368	14,886	36,216	
902310800	112,478	23,937	237	558	
TD1254102	83,049	4,957	-	-	
TD1254909	3,652,802	348,474	14,649	35,657	
8072	116,297	(11,237)	-	-	
CET-ET-TP-RL	116,297	(11,237)	-	-	
902204112	116,297	(11,237)	-	-	
Grand Total	572,236,831	57,681,379	10,988,418	29,921,408	6.49% 10.08%

SCHEDULE 6 & 8 WORKPAPERS

Southern California Edison
Total Transmission Plant & Reserve Balances

Total Plant

	350.1	350.2	352	353	354	355	356	357	358	359
Dec-17	132,152,045	211,042,975	879,621,910	5,902,949,228	2,343,145,352	1,292,702,467	1,524,531,167	256,348,021	376,710,004	193,773,411
Jan-18	132,002,194	211,061,379	883,614,185	5,912,927,542	2,343,801,080	1,300,634,528	1,556,508,082	258,389,963	381,423,089	193,796,222
Feb-18	132,000,716	211,091,194	887,792,515	5,936,193,717	2,341,991,366	1,309,042,930	1,557,716,059	258,465,857	381,501,896	193,844,025
Mar-18	131,553,679	211,146,072	892,557,739	5,967,886,747	2,338,465,086	1,335,127,949	1,565,033,201	259,085,544	380,559,669	193,910,445
Apr-18	131,563,543	211,143,564	897,155,828	5,986,255,168	2,339,813,420	1,346,959,846	1,563,864,931	264,372,295	382,209,406	193,791,233
May-18	131,562,039	211,156,537	896,518,649	5,995,211,917	2,340,779,688	1,354,095,466	1,573,775,490	265,260,198	383,575,877	193,807,913
Jun-18	131,571,369	211,464,950	904,257,705	6,016,839,046	2,341,316,407	1,360,640,150	1,575,001,854	265,658,046	385,903,312	193,987,418
Jul-18	131,570,853	211,482,836	909,225,319	6,028,396,139	2,341,638,296	1,364,401,442	1,577,651,216	265,816,143	386,315,435	193,941,498
Aug-18	131,590,862	211,494,702	916,991,328	6,041,683,890	2,354,634,553	1,456,568,002	1,608,031,924	266,024,387	386,759,045	194,055,427
Sep-18	131,591,383	211,483,746	927,495,762	6,045,058,099	2,358,493,307	1,470,663,403	1,611,187,771	268,039,958	389,890,506	194,084,632
Oct-18	131,602,725	211,502,720	932,408,822	6,028,403,511	2,356,531,854	1,483,457,844	1,615,595,396	267,202,745	390,891,957	195,116,886
Nov-18	131,605,853	211,571,363	936,123,141	6,051,481,092	2,356,826,642	1,492,485,756	1,617,144,681	270,411,211	398,292,964	195,317,099
Dec-18	131,612,781	211,617,314	983,751,073	6,072,137,167	2,355,779,001	1,500,195,881	1,653,093,431	271,487,039	399,339,545	195,497,058

Incentive Plant

	350.1	350.2	352	353	354	355	356	357	358	359
Dec-17	20,866,624	95,067,405	273,150,052	1,176,074,826	1,762,377,599	154,450,782	818,269,307	189,937,751	82,820,739	146,444,294
Jan-18	20,716,896	95,067,934	273,150,546	1,176,090,778	1,762,553,462	154,393,454	818,604,627	189,980,222	82,841,987	146,386,551
Feb-18	20,715,417	95,067,829	273,152,501	1,176,075,018	1,762,935,232	154,427,757	818,774,251	190,053,420	82,853,426	146,428,196
Mar-18	20,271,315	95,067,750	272,452,646	1,176,229,749	1,763,077,211	154,500,278	815,988,109	190,133,846	81,660,982	146,489,833
Apr-18	20,283,976	95,068,241	272,454,931	1,176,180,915	1,763,246,190	154,476,253	815,977,852	190,252,825	81,720,506	146,530,781
May-18	20,284,001	95,068,893	272,362,324	1,175,798,518	1,763,302,297	154,484,291	817,019,208	190,325,752	81,756,991	146,545,848
Jun-18	20,293,331	95,068,893	272,677,903	1,182,213,351	1,763,499,169	154,641,942	817,532,298	190,371,713	81,779,985	146,721,029
Jul-18	20,292,833	95,069,391	272,732,016	1,182,225,861	1,763,545,152	154,504,985	817,803,328	190,401,550	81,794,912	146,673,445
Aug-18	20,315,300	95,069,418	282,218,761	1,188,776,363	1,763,590,258	154,507,584	817,858,375	190,423,605	81,805,946	146,677,606
Sep-18	20,315,822	95,070,616	282,239,983	1,188,803,424	1,763,620,688	154,517,162	817,906,194	190,490,506	81,839,416	146,687,777
Oct-18	20,328,640	95,070,708	282,323,226	1,188,881,557	1,763,638,134	154,518,009	817,940,619	190,540,557	81,864,456	146,693,541
Nov-18	20,329,328	95,073,836	282,383,161	1,188,934,881	1,763,599,124	154,781,401	818,291,304	190,562,859	81,875,614	146,782,293
Dec-18	20,337,104	95,073,836	288,607,910	1,183,323,684	1,763,766,195	154,686,218	818,206,860	190,597,928	81,893,158	146,889,793

ISO Plant

	350.1	350.2	352	353	354	355	356	357	358	359
Dec-17	87,876,203	164,901,118	569,698,023	3,409,447,774	2,283,380,922	364,424,080	1,245,933,686	190,222,489	84,920,374	172,640,885
Dec-18	87,352,690	165,261,947	643,675,310	3,459,763,553	2,284,709,795	386,542,291	1,311,509,387	190,891,202	83,989,219	173,783,603

ISO Reserve

	350.1	350.2	352	353	354	355	356	357	358	359
Dec-17	163	20,570,609	90,912,860	521,029,731	508,793,023	46,422,546	417,546,825	3,830,318	6,981,972	17,589,054
Dec-18	-	23,285,719	105,746,316	558,039,638	542,790,391	49,370,280	437,221,587	6,809,024	11,173,141	20,303,394

SOUTHERN CALIFORNIA EDISON COMPANY
 Transmission/Distribution ISO Facilities Study
 December 2018 Plant

\$ Transmission						
	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total	Incentive Plant	ISO % Net of Incentive Plant
Substation 1						
352	983,751,073	983,751,073	643,675,310	65.4%	288,607,910	51.1%
353	6,072,137,167	6,072,137,167	3,459,763,553	57.0%	1,183,323,684	46.6%
Total Substation	\$ 7,055,888,240	\$ 7,055,888,240	\$ 4,103,438,863	58.2%	\$ 1,471,931,594	47.1%
Land						
350	343,230,095	343,230,095	252,614,637	73.6%	115,410,941	60.2%
Total Substation and La	\$ 7,399,118,335	\$ 7,399,118,335	\$ 4,356,053,500	58.9%	\$ 1,587,342,535	47.6%
Lines						
354	2,355,779,001	2,355,779,001	2,284,709,795	97.0%	1,763,766,195	88.0%
355	1,500,195,881	1,500,195,881	386,542,291	25.8%	154,686,218	17.2%
356	1,653,093,431	1,653,093,431	1,311,509,387	79.3%	818,206,860	59.1%
357	271,487,039	271,487,039	190,891,202	70.3%	190,597,928	0.4%
358	399,339,545	399,339,545	83,989,219	21.0%	81,893,158	0.7%
359	195,497,058	195,497,058	173,783,603	88.9%	146,889,793	55.3%
Total Lines	6,375,391,955	6,375,391,955	\$ 4,431,425,497	69.5%	\$ 3,156,040,152	39.6%
Total Transmission	\$ 13,774,510,290	\$ 13,774,510,290	\$ 8,787,478,997	63.8%	\$ 4,743,382,686	44.8%
Distribution						
	Total Plant	ISO Plant	ISO % of Total			
Land:						
360	124,672,241	124,672,241	-	0.0%	-	0.0%
Structures:						
361	611,762,558	611,762,558	-	0.0%	-	0.0%
362	2,397,308,356	2,397,308,356	-	0.0%	-	0.0%
Total Structures	\$ 3,009,070,914	\$ 3,009,070,914	\$ -	0.0%	\$ -	0.0%
Total Distribution (Land & Structures)	\$ 3,133,743,155	\$ 3,133,743,155	\$ -	0.0%	\$ -	0.0%
Total Transmission & Distribution	\$ 16,908,253,445	\$ 16,908,253,445	\$ 8,787,478,997	52.0%	\$ 4,743,382,686	33.2%

SOUTHERN CALIFORNIA EDISON COMPANY
 Transmission/Distribution ISO Facilities Study
 December 2017 Plant

\$ Transmission						
	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total	Incentive Plant	ISO % Net of Incentive Plant
Substation 1						
352	879,621,910	879,621,910	569,698,023	64.8%	273,150,052	48.9%
353	5,902,949,228	5,902,949,228	3,409,447,774	57.8%	1,176,074,826	47.2%
Total Substation	\$ 6,782,571,138	\$ 6,782,571,138	\$ 3,979,145,796	58.7%	\$ 1,449,224,878	47.4%
Land						
350	343,195,020	343,195,020	252,777,321	73.7%	115,934,030	60.2%
Total Substation and La	\$ 7,125,766,158	\$ 7,125,766,158	\$ 4,231,923,117	59.4%	\$ 1,565,158,907	48.0%
Lines						
354	2,343,145,352	2,343,145,352	2,283,380,922	97.4%	1,762,377,599	89.7%
355	1,292,702,467	1,292,702,467	364,424,080	28.2%	154,450,782	18.4%
356	1,524,531,167	1,524,531,167	1,245,933,686	81.7%	818,269,307	60.6%
357	256,348,021	256,348,021	190,222,489	74.2%	189,937,751	0.4%
358	376,710,004	376,710,004	84,920,374	22.5%	82,820,739	0.7%
359	193,773,411	193,773,411	172,640,885	89.1%	146,444,294	55.3%
Total Lines	5,987,210,422	5,987,210,422	\$ 4,341,522,436	72.5%	\$ 3,154,300,472	41.9%
Total Transmission	\$ 13,112,976,580	\$ 13,112,976,580	\$ 8,573,445,553	65.4%	\$ 4,719,459,379	45.9%
Distribution						
	Total Plant	ISO Plant	ISO % of Total			
Land:						
360	125,242,449	125,242,449	-	0.0%	-	0.0%
Structures:						
361	644,469,720	644,469,720	-	0.0%	-	0.0%
362	2,539,477,720	2,539,477,720	-	0.0%	-	0.0%
Total Structures	\$ 3,183,947,440	\$ 3,183,947,440	\$ -	0.0%	\$ -	0.0%
Total Distribution (Land & Structures)	\$ 3,309,189,889	\$ 3,309,189,889	\$ -	0.0%	\$ -	0.0%
Total Transmission & Distribution	\$ 16,422,166,469	\$ 16,422,166,469	\$ 8,573,445,553	52.2%	\$ 4,719,459,379	32.9%

Southern California Edison
BOY/EOY ISO Transmission Accumulated Depreciation

Dec-17											
Total Company	350.1	350.2	352	353	354	355	356	357	358	359	Total
Incentive Reserve	-	8,404,804	32,707,291	150,867,307	181,534,242	22,101,545	103,951,895	3,840,663	5,074,145	9,603,412	518,085,304
FERC Rate Differential	-	(516,214)	(1,496,615)	27,980,601	6,893,744	4,533,610	5,014,837	(94,788)	1,276,535	(17,425)	43,574,286
Other	270	21,061,524	122,097,258	724,218,704	357,114,196	107,266,164	509,601,358	19,694,925	88,362,908	14,459,071	1,963,876,379
Total Company Reserve	270	28,950,113	153,307,934	903,066,612	545,542,182	133,901,320	618,568,090	23,440,800	94,713,588	24,045,058	2,525,535,968
ISO Reserve	350	352	353	354	355	356	357	358	359	Total	
Net of Incentive ISO %	60.21%	48.90%	47.25%	89.71%	18.45%	60.55%	0.43%	0.71%	55.35%		
Incentive Reserve	8,404,804	32,707,291	150,867,307	181,534,242	22,101,545	103,951,895	3,840,663	5,074,145	9,603,412	518,085,304	
FERC Rate Differential	(516,214)	(1,496,615)	27,980,601	6,893,744	4,533,610	5,014,837	(94,788)	1,276,535	(17,425)	43,574,286	
Other	12,682,182	59,702,183	342,181,823	320,365,037	19,787,390	308,580,093	84,443	631,292	8,003,067	1,072,017,511	
Total ISO Reserve	20,570,771	90,912,860	521,029,731	508,793,023	46,422,546	417,546,825	3,830,318	6,981,972	17,589,054	1,633,677,100	
Dec-18											
Total Company	350.1	350.2	352	353	354	355	356	357	358	359	Total
Incentive Reserve	-	9,982,953	40,521,693	180,344,823	224,557,510	27,772,318	128,890,640	6,980,441	8,249,529	11,890,191	639,190,098
FERC Rate Differential	-	(532,583)	(1,260,593)	21,438,426	10,114,548	5,478,102	10,360,507	(247,323)	2,312,367	49,277	47,712,728
Other	-	22,972,832	130,163,296	765,085,456	350,153,065	93,546,944	504,298,084	20,936,082	92,572,566	15,116,771	1,994,845,097
Total Company Reserve	-	32,423,202	169,424,396	966,868,705	584,825,124	126,797,365	643,549,231	27,669,199	103,134,461	27,056,239	2,681,747,923
ISO Reserve	350	352	353	354	355	356	357	358	359	Total	
Net of Incentive ISO %	60.22%	51.08%	46.56%	88.00%	17.23%	59.09%	0.36%	0.66%	55.33%		
Incentive Reserve	9,982,953	40,521,693	180,344,823	224,557,510	27,772,318	128,890,640	6,980,441	8,249,529	11,890,191	639,190,098	
FERC Rate Differential	(532,583)	(1,260,593)	21,438,426	10,114,548	5,478,102	10,360,507	(247,323)	2,312,367	49,277	47,712,728	
Other	13,835,349	66,485,216	356,256,389	308,118,332	16,119,860	297,970,440	75,907	611,246	8,363,926	1,067,836,664	
Total ISO Reserve	23,285,719	105,746,316	558,039,638	542,790,391	49,370,280	437,221,587	6,809,024	11,173,141	20,303,394	1,754,739,490	

Accumulated Depreciation

Reconciliation to FF1

Transmission

	2018	2017
FF1 Page 219	2,658,479,371	2,509,375,000
Net Reg Asset	218,281	145,353
ARO	23,050,270	16,015,615
RWIP Allocation	-	-
Adj. Transmission Balance	2,681,747,923	2,525,535,968
Reserve Total Check	0	(0)

Reconciling Items

	2018	2017
SONGS	-	-
Mohave	-	-
ARO	23,050,270	16,015,615
PV Sunk NBV	(218,281)	(145,353)
RWIP (108.9) compared to TO	-	-
Total	22,831,989	15,870,262

Southern California Edison
General and Intangible Reserve Summary

General	Intangible	Total	FF1 Reference
1,094,912,964	641,916,543	1,736,829,507	FF1 219.28c and FF1 200.21c for previous year
1,060,652,423	551,408,251	1,612,060,674	FF1 219.28c and FF1 200.21c

SCHEDULE 6 & 10

PRIOR YEAR AFUDC RATE

WORKPAPERS

PLANT ACCOUNTING

December 31, 2018

Guadalupe Perez

Subject: Fourth Quarter 2018 AFUDC Rate Monitoring and Analysis

The following table provides the 2018 AFUDC rate and the allocation for borrowed and Equity funds. The 4th quarter 2018 analysis resulted in an 8 basis point (bp) increase of the annual gross nominal rate to 6.85% from 6.77%. The change is less than 25 basis points, therefore, there will not be an update on the AFUDC rate for 4th quarter 2018.

If you have any questions regarding this information, please contact me at PAX 21923.

Effective Month	Gross Nominal Rate	Power Plant System Rate / Monthly System Rate	Allocation of Gross Funds Borrowed (%) / Equity (%)
December 2018	6.765098%	6.671676% 0.555973%	29.83% / 70.17%
September 2018	6.765098%	6.671676% 0.555973%	29.83% / 70.17%
June 2018	6.329190%	6.247308% 0.520609%	31.92% / 68.08%
March 2018	6.329190%	6.247308% 0.520609%	31.92% / 68.08%
January 2018	6.329190%	6.247308% 0.520609%	31.92% / 68.08%

cc: S. Deana D. Gunn A. Herrera J. Jacobs G. Kunakorn N. Lay
A. Moss M. Mumman-Johal H. Nguyen J. Nguyen N. Petermann C. Qin
X. Shen L. Siongco A. Varvis R. Wilaisapphaisarn A. Wu D. Young
J. Zaw

SCHEDULE 7

PLANT STUDY

WORKPAPERS

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission/Distribution ISO Facilities Study

12-31-2018 Facilities

\$
Transmission

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
Land (Substation and Line)				
350	\$343,230,095	\$343,230,095	\$252,614,637	73.60%
Substation				
352	983,751,073	983,751,073	643,675,310	65.43%
353	6,072,137,167	6,072,137,167	3,459,763,553	56.98%
Total Substation	7,055,888,240	7,055,888,240	4,103,438,863	58.16%
Lines				
354	2,355,779,001	2,355,779,001	2,284,709,795	96.98%
355	1,500,195,881	1,500,195,881	386,542,291	25.77%
356	1,653,093,431	1,653,093,431	1,311,509,387	79.34%
357	271,487,039	271,487,039	190,891,202	70.31%
358	399,339,545	399,339,545	83,989,219	21.03%
359	195,497,058	195,497,058	173,783,603	88.89%
Total Lines	6,375,391,955	6,375,391,955	4,431,425,498	69.51%
Total Transmission	\$13,774,510,290	\$13,774,510,290	\$8,787,478,997	63.80%

Distribution

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
Land:				
360	\$126,028,197	\$126,028,197	-	0.00%
Structures:				
361	696,502,262	696,502,262	-	0.00%
362	2,727,819,402	2,727,819,402	-	0.00%
Total Structures	3,424,321,664	3,424,321,664	-	0.00%
Total Distribution	\$3,550,349,861	\$3,550,349,861	-	0.00%
Total Transmission & Distribution	\$17,324,860,151	\$17,324,860,152	\$8,787,478,997	50.72%

Southern California Edison Company

Summary of ISO Facility Gross Plant

High/Low Voltage Split

12-31-2018 Facilities

(\$)

Total ISO Plant

ISO Transmission and Distribution	Total ISO Gross Plant	Gross ISO Plant Split into High Voltage, Low Voltage, and Transformers that Straddle HV/LV							
		Land	Structures	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV	
Transmission Lines:									
1000 kV T Lines	81,074,967	-	81,074,967	-	-	81,074,967	-	-	-
500 kV T Lines	2,572,155,033	124,558,705	2,447,596,328	124,558,705	-	2,447,596,328	-	-	-
230 kV T Lines	1,882,010,491	82,584,027	1,799,426,463	82,584,027	-	1,799,426,463	-	-	-
161 kV T Lines	3,139,418	33,310	3,106,108	-	33,310	-	3,106,108	-	-
115 kV T Lines	85,387,046	5,163,950	80,223,096	-	5,163,950	-	80,223,096	-	-
66 kV T Lines	9,009,256	226,190	8,783,066	-	226,190	-	8,783,066	-	-
55 kV T Lines	11,353,950	138,481	11,215,469	-	138,481	-	11,215,469	-	-
Total Transmission Lines	4,644,130,161	212,704,663	4,431,425,498	207,142,732	5,561,931	4,328,097,758	103,327,739	-	-
Substations:									
High Voltage Substations (750 kV, 500kV, 220kV)		3,635,804,186	39,571,602	3,596,232,583	39,571,602	-	3,596,232,583	-	-
Straddle Substations:									
Antelope	212,520,725	21,982	212,498,743	19,448	2,534	179,074,677	23,334,902	10,089,165	
Bailey	41,401,971	111,063	41,290,908	54,160	56,903	17,430,916	18,313,612	5,546,380	
Eagle Mountain	9,660,431	-	9,660,431	-	-	1,599,356	185,251	7,875,824	
Kramer	43,842,096	38,992	43,803,104	26,657	12,335	20,843,449	9,644,832	13,314,823	
Ivanpah	46,168,310	-	46,168,310	-	-	18,804,131	21,777,563	5,586,615	
Victor	110,510,537	19,578	110,490,959	7,344	12,234	34,117,321	56,834,757	19,538,881	
Total Straddle Substations	464,104,071	191,615	463,912,456	107,609	84,006	271,869,850	130,090,918	61,951,688	
Low Voltage Substations (Less Than 220kV)									
	43,440,580	146,757	43,293,822.92	-	146,757	-	-	43,293,823	-
Total Substations	4,143,348,837	39,909,974	4,103,438,863	39,679,211	230,763	3,868,102,434	173,384,741	61,951,688	
Total Lines and Substations	8,787,478,997	252,614,637	8,534,864,360	246,821,944	5,792,694	8,196,200,192	276,712,480	61,951,688	
Plant Total by Account	8,787,478,997	252,614,637	8,534,864,360						

Determination of High Voltage/Low Voltage Gross Plant Percentage of SCE ISO Transmission Facilities
 Gross Plant Percentage Determined Pursuant to ISO Tariff Section 12

Gross Plant that can be determined HV/LV	High Voltage	Low Voltage	Total
Land	246,821,944	5,792,694	252,614,637
Structures	8,196,200,192	276,712,480	8,472,912,672
Total Determined HV/LV	8,443,022,135	282,505,174	8,725,527,309
Percentage:	96.76%	3.24%	100.00%
Transformers	59,945,887	2,005,801	61,951,688
Total HV & LV Gross Plant	8,502,968,022	284,510,975	8,787,478,997

Southern California Edison Company

Summary of ISO Facility Gross Plant

High/Low Voltage Mix Summary

12-31-2018 Facilities

(**\$**)

Facility:	Location #	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV	Total
220 kV Substations							
Antelope	5052	19,448	2,534	179,074,677	23,334,902	10,089,165	212,520,725
Bailey	5059	54,160	56,903	17,430,916	18,313,612	5,546,380	41,401,971
Eagle Mountain	5040	-	-	1,599,356	185,251	7,875,824	9,660,431
Ivanpah	8363	-	-	18,804,131	21,777,563	5,586,615	46,168,310
Kramer	5042 & 8046	26,657	12,335	20,843,449	9,644,832	13,314,823	43,842,096
Victor	8049	7,344	12,234	34,117,321	56,834,757	19,538,881	110,510,537
Total Straddle Stations		107,609	84,006	271,869,850	130,090,918	61,951,688	464,104,071

SOUTHERN CALIFORNIA EDISON COMPANY
Transmission/Distribution ISO Facilities Study
12-31-2018 Facilities

2018 Year-End				2017 Year-End			Delta		
Transmission	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total
Land (Substation and Line)									
350	343,230,095	252,614,637	73.6%	343,195,020	252,777,321	73.7%	35,075	(162,684)	-0.1%
Substation									
352	983,751,073	643,675,310	65.4%	879,621,910	569,698,023	64.8%	104,129,163	73,977,287	0.7%
353	6,072,137,167	3,459,763,553	57.0%	5,902,949,228	3,409,447,774	57.8%	169,187,939	50,315,779	-0.8%
Total Substation	7,055,888,240	4,103,438,863	58.2%	6,782,571,138	3,979,145,796	58.7%	273,317,102	124,293,066	-0.5%
Lines									
354	\$2,355,779,001	2,284,709,795	97.0%	2,343,145,352	2,283,380,922	97.4%	12,633,649	1,328,873	-0.5%
355	1,500,195,881	386,542,291	25.8%	1,292,702,467	364,424,080	28.2%	207,493,414	22,118,211	-2.4%
356	1,653,093,431	1,311,509,387	79.3%	1,524,531,167	1,245,933,686	81.7%	128,562,264	65,575,701	-2.4%
357	271,487,039	190,891,202	70.3%	256,348,021	190,222,489	74.2%	15,139,018	668,714	-3.9%
358	399,339,545	83,989,219	21.0%	376,710,004	84,920,374	22.5%	22,629,542	(931,155)	-1.5%
359	195,497,058	173,783,603	88.9%	193,773,411	172,640,885	89.1%	1,723,646	1,142,718	-0.2%
Total Lines	\$6,375,391,955	\$4,431,425,498	69.5%	5,987,210,422	4,341,522,436	72.5%	388,181,534	89,903,062	-3.0%
Total Transmission	13,774,510,290	8,787,478,997	63.8%	13,112,976,580	8,573,445,553	65.4%	661,533,710	214,033,444	-1.6%
Distribution	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total
Land:									
360	126,028,197	-	0.0%	125,242,449	-	0.0%	785,749	-	0.0%
Structures:									
361	696,502,262	-	0.0%	644,469,720	-	0.0%	52,032,542	-	0.0%
362	2,727,819,402	-	0.0%	2,539,477,720	-	0.0%	188,341,682	-	0.0%
Total Structures	3,424,321,664	-	0.0%	3,183,947,440	-	0.0%	240,374,224	-	0.0%
Total Distribution	3,550,349,861	-	0.0%	3,309,189,889	-	0.0%	241,159,972	-	0.0%
Total Transmission & Distribution	17,324,860,152	8,787,478,997	50.7%	16,422,166,469	8,573,445,553	52.2%	902,693,683	214,033,444	-1.5%

ISO Study Assumptions

The following assumptions have been made in completing this analysis.

1. Devers-Mirage System

Beginning in the 2009 CPUC GRC and the 2009 FERC rate case, the Devers-Mirage system split was assumed to be completed and all 115kV facilities transferred from ISO to non-ISO. This assumption was consistent with the plant forecast that was utilized in the cases. The physical work is complete and CAISO relinquished operational control of the Devers-Mirage 115kV system effective June 1, 2013. The facilities assumed transferred control for purposes of the Transmission Plant Study include: 220/115kV transformation at Devers and Mirage Substations, the 115kV buses at Devers and Mirage Substation, Farrell, Garnet, Eisenhower, Thornhill, Tamarisk, Santa Rosa, Indian Wells, Concho 115kV substations, and all 115kV lines interconnecting these substations that were under ISO Operational Control.

2. East Kern Wind Resource Area and Future Project (Antelope-Bailey System)

The 2012 Transmission Plant Study maintained the ability to adjust for the Antelope-Bailey 66kV System split as part of the EKWRA project by maintaining the EKWRA Reconfiguration Option in the Study. The EKWRA project was forecast for 2014, therefore it was assumed in the development of the Transmission Plant Study for the 2015 CPUC GRC to be completed. CAISO relinquished operational control of the Antelope-Bailey 66kV system effective December 15, 2013, but the EKWRA project's physical work was completed in early 2015. As a result of the EKWRA project the existing Antelope-Bailey will be split into three radial 66kV systems -- one radiating from Bailey, one radiating from Antelope, and a third radiating from a new 500/220/66kV Windhub substation. Post EKWRA, the Bailey-Neenach and Neenach-Antelope 66kV lines will still remain operated in parallel with the CAISO controlled 230kV lines connecting Bailey and Antelope Substations. The following substations and interconnecting 66kV lines were impacted by the EKWRA project:

Substations affected EKWRA include:

2313 Kern River 1	2313	Shift from Mixed to Non-ISO
5079 Wind Hub	5079	Shift from ISO to Mixed
5357 Cummings	5357	Shift from Mixed to Non-ISO
5358 Monolith	5358	Shift from Mixed to Non-ISO
5365 Acton	5365	Shift from Mixed to Non-ISO
5508 Del Sur	5508	Shift from Mixed to Non-ISO
5511 Goldtown	5511	Shift from Mixed to Non-ISO
5512 Gorman	5512	Shift from Mixed to Non-ISO
5514 Lancaster	5514	Shift from Mixed to Non-ISO
5518 Little Rock	5518	Shift from Mixed to Non-ISO
5522 Shuttle	5522	Shift from Mixed to Non-ISO
5530 Redman	5530	Shift from Mixed to Non-ISO
5539 Anaverde	5539	Shift from Mixed to Non-ISO
5541 Rosamond	5541	Shift from Mixed to Non-ISO
5545 Piute	5545	Shift from Mixed to Non-ISO
5547 Corum	5547	Shift from Mixed to Non-ISO
5548 Oasis	5548	Shift from Mixed to Non-ISO
5553 Cal Cement	5553	Shift from Mixed to Non-ISO
5564 Palmdale	5564	Shift from Mixed to Non-ISO
5566 Quartz Hill	5566	Shift from Mixed to Non-ISO
5599 Helijet	5599	Shift from Mixed to Non-ISO

ISO Study Assumptions

The following assumptions have been made in completing this analysis.

8504 Ritter Ranch	8504	Shift from Mixed to Non-ISO
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For purpose of the 2012 Plant Study, the study assumed that EKWRA facilities were under ISO Operational Control during 2012. This study no longer maintains the ISO to Non-ISO reconfiguration option for EKWRA.

3. Current FERC methodology for transformer bank circuit breakers

Pursuant to the Commission's ruling in the Whitewater case (Docket No. ER02-2189), FERC's current methodology classifies all circuit breakers that connect both ISO controlled operating buses as FERC jurisdiction (either in double breaker or breaker and half scheme). SCE has not implemented this methodology for those circuit breakers classified in the original 1998 split of the transmission system into ISO and non-ISO. This study reflects the current single-line diagram classification and the ISO register.

4. Classification of Distribution Plant

In the 2011 Transmission Plant Study, a more thorough review of ISO distribution plant was instituted. At all substations, unless specific distribution voltage facilities could be identified as ISO controlled, no allocation of distribution plant was made. An exception to this general rule is those substation locations where ISO facilities are clearly identifiable by review of the single line diagrams and ISO register, however only distribution plant is recorded at the location. In these cases, distribution plant will be assigned or allocated consistent with the methodology for determining substation investment.

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2018 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment
BIG CREEK NO.4	2236	220kV	-	43,064	4,684,168	4,727,232	-	43,064	4,684,168	-	-	-
INYO	2570	220kV	-	287,755	4,197,276	4,485,032	-	287,755	4,197,276	-	-	-
METRO GOM MAINT	5001	500kV	-	-	31,531,834	31,531,834	-	-	31,531,834	-	-	-
HARBORGREN SUB	5019	220kV	-	18,729	3,991,930	4,010,659	-	18,729	3,991,930	-	-	-
EL SEGUNDO SWITCHRACK SUB	5026	220kV	12,470	102,005	2,244,645	2,359,120	12,470	102,005	2,244,645	-	-	-
MIDWAY SUB	5032	500kV	-	396,679	190,211	586,890	-	396,679	190,211	-	-	-
PASTORIA SUB	5036	220kV	21,435	1,279,909	12,338,955	13,640,300	21,435	1,279,909	12,338,955	-	-	-
CLWTR SWITCHRACKS 1,2	5044	115kV	-	-	1,476,690	1,476,690	-	-	1,476,690	-	-	-
MOHAVE SWITCHRACK	5045	500kV	-	-	3,417,990	8,435,508	11,853,498	-	3,417,990	8,435,508	-	-
RANCHO VISTA SUB	5047	500kV	1,844,367	22,798,974	154,023,684	178,667,025	1,844,367	22,798,974	154,023,684	-	-	-
SYLMAR SUB	5058	220kV	-	19,757	1,948,141	1,967,898	-	19,757	1,948,141	-	-	-
LUGO SUB	5061	500kV	90,981	23,677,879	150,236,369	174,005,229	90,981	23,677,879	150,236,369	-	-	-
PISGAH SUB	5065	220kV	-	556,209	4,722,905	5,279,114	-	556,209	4,722,905	-	-	-
GENE SUB	5066	220kV	-	30,050	2,168,142	2,198,192	-	-	-	-	30,050	2,168,142
WINDHUB SUB	5079	500kV	1,231,926	31,901,425	211,759,754	244,893,104	1,095,247	28,362,052	188,265,609	136,679	3,539,373	23,494,145
SERRANO SUB	5080	500kV	1,226,475	28,476,678	193,625,629	223,328,782	1,226,475	28,476,678	193,625,629	-	-	-
LEWIS SUB	5089	220kV	1,444	192,580	5,383,835	5,577,859	1,444	192,580	5,383,835	-	-	-
EL DORADO SUB(NEVADA)	5090	500kV	13,183	35,514,014	196,185,875	231,713,072	13,183	35,514,014	196,185,875	-	-	-
MEAD SUB	5091	500kV	-	-	12,306	12,306	-	-	12,306	-	-	-
MOENKOPI SUB	5092	500kV	-	-	1,516,885	1,516,885	-	-	1,516,885	-	-	-
WEST SERIES CAPACITORS	5093	500kV	-	1,782,300	45,897,215	47,679,515	-	1,782,300	45,897,215	-	-	-
EAST SERIES CAPACITORS 1	5094	500kV	-	857,212	8,323,790	9,181,002	-	857,212	8,323,790	-	-	-
PALO VERDE SWITCHRACK SUB	5097	500kV	-	486,323	7,815,158	8,301,481	-	486,323	7,815,158	-	-	-
MIDWAY-PAC INTERTIE	8932	500kV	-	162,585	13,930,693	14,093,278	-	162,585	13,930,693	-	-	-
PARDEE-PAC INTERTIE	8950	220kV	-	55,269	942,130	997,399	-	55,269	942,130	-	-	-
SYLMAR-PAC INTERTIE	8958	220kV	51,663	7,758,498	120,773,733	128,583,895	51,663	7,758,498	120,773,733	-	-	-
RP&S,LND&ESMT REQUIS	9219	220kV	8,633,706	45,883	-	8,679,589	8,633,706	45,883	-	-	-	-
EDISON ITAC	1451	Misc	-	-	35,855	35,855	-	-	-	-	-	35,855
SAN ONOFRE-COMMON 1,2,3	1808	220kV	-	-	-	-	-	-	-	-	-	-
SAN ONOFRE-COMMON 2,3	1809	220kV	-	-	-	-	-	-	-	-	-	-
SAN ONOFRE-UNIT 1	1810	220kV	-	-	-	-	-	-	-	-	-	-
SAN ONOFRE-UNIT 2	1812	220kV	-	-	-	-	-	-	-	-	-	-
SAN ONOFRE-UNIT 3	1818	220kV	-	-	-	-	-	-	-	-	-	-
SONGS 2,3 SPARE PARTS	1824	220kV	-	-	-	-	-	-	-	-	-	-
SONGS COMMON 2 & 3- (INC)	1839	220kV	-	-	-	-	-	-	-	-	-	-
PALOVERDE NUCL GEN PLT-U1	1860	500kV	-	-	2,597,299	2,597,299	-	-	-	-	-	2,597,299
PALO VERDE-UNIT 2	1864	500kV	-	-	2,488,614	2,488,614	-	-	-	-	-	2,488,614
PALO VERDE-UNIT 3	1866	500kV	-	-	5,007,636	5,007,636	-	-	-	-	-	5,007,636
PALOVERDE-COMMON 1,2,3	1867	500kV	7,766	-	2,722,616	2,730,382	-	-	-	7,766	-	2,722,616
MAMMOTH POOL LAKE-FP 2085	2150	220kV	-	-	24,016	24,016	-	-	-	-	-	24,016
BIG CREEK CANYON	2202	220kV	-	-	1,641,022	1,641,022	-	-	-	-	-	1,641,022
PORTAL POWER PLANT	2237	33kV & Below	-	-	68,246	68,246	-	-	-	-	-	68,246
MAMMOTH POOL	2238	220kV	-	-	2,840,762	2,840,762	-	-	-	-	-	2,840,762
EASTWOOD POWER STATION	2239	33kV & Below	-	627,754	4,940,311	5,568,065	-	-	-	-	627,754	4,940,311
HYDRO PRODUCTION	2300	Misc	-	-	10,367	10,367	-	-	-	-	-	10,367
SNTA ANA RV&MILL CRK CNYN	2301	33kV & Below	-	-	421,924	421,924	-	-	-	-	-	421,924
LYTLE CRK&SAN ANTONIO CNYN	2303	33kV & Below	-	-	140,226	140,226	-	-	-	-	-	140,226
KERN RIVER CANYON	2305	66kV	-	-	692,140	692,140	-	-	-	-	-	692,140
KAWEAH RIVER CANYON	2307	66kV	-	-	572,929	572,929	-	-	-	-	-	572,929
SAN GORGONI RIVER CANYON	2309	33kV & Below	-	-	193,975	193,975	-	-	-	-	-	193,975
KERN RIVER NO.1	2313	66kV	-	4,184	589,036	593,220	-	-	-	-	4,184	589,036
BOREL	2314	66kV	-	1,383	259,591	260,974	-	-	-	-	1,383	259,591
SANTA ANA NO.1	2315	33kV & Below	-	-	36,406	36,406	-	-	-	-	-	36,406
SANTA ANA NO.3	2317	33kV & Below	-	-	14,930	14,930	-	-	-	-	-	14,930
MILL CREEK NO.1	2318	33kV & Below	1,464	-	7,316	8,780	-	-	-	1,464	-	7,316
MILL CREEK NO.2&3	2319	33kV & Below	-	-	52,080	52,080	-	-	-	-	-	52,080
KAWEAH NO.1	2324	66kV	-	-	48,507	48,507	-	-	-	-	-	48,507
KAWEAH NO.2	2325	66kV	-	2,694	49,126	51,820	-	-	-	-	2,694	49,126
KAWEAH NO.3	2326	66kV	-	-	57,269	57,269	-	-	-	-	-	57,269
LOWER TULE RIVER	2327	66kV	-	-	50,834	50,834	-	-	-	-	-	50,834
KERN RIVER NO.3	2328	66kV	-	-	460,723	460,723	-	-	-	-	-	460,723
ONTARIO NO.1	2331	66kV	-	-	205,914	205,914	-	-	-	-	-	205,914
EASTERN HYDRO REGION	2500	55kV	-	7,254	-	7,254	-	-	-	-	7,254	-
BISHOP CREEK CANYON	2501	33kV & Below	-	-	705,804	705,804	-	-	-	-	-	705,804
MONO BASIN	2503	115kV	-	-	196,344	196,344	-	-	-	-	-	196,344
Lundy	2560 & 2510	55kV	-	317,627	5,816,830	6,134,457	-	-	-	-	317,627	5,816,830
POOLE	2512	33kV & Below	-	-	120,052	120,052	-	-	-	-	-	120,052
RUSH CREEK	2514	115kV	-	-	175,912	175,912	-	-	-	-	-	175,912
BISHOP CREEK NO.2	2522	55kV	-	-	80,487	80,487	-	-	-	-	-	80,487

SOUTHERN CALIFORNIA EDISON COMPANY

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DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353	ISO RELATED			NON-ISO RELATED PLANT			
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353	
			Land & Land Rights	Structures & Improvements	Station Equipment		TOTAL	Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment
BISHOP CREEK NO.3	2523	33kV & Below	-	-	1,841,377	1,841,377	-	-	-	-	-	-	1,841,377
BISHOP CREEK NO.4	2524	33kV & Below	-	-	86,641	86,641	-	-	-	-	-	-	86,641
BISHOP CREEK NO.5	2525	33kV & Below	-	-	43,037	43,037	-	-	-	-	-	-	43,037
BISHOP CREEK NO.6	2526	33kV & Below	-	-	39,098	39,098	-	-	-	-	-	-	39,098
FISH LAKE VALLEY METERING	2553	55kV	-	1,343	12,150	13,493	-	-	-	-	-	-	12,150
CASA DIABLO	2557	115kV	2,119	290,687	4,738,172	5,030,977	-	-	-	2,119	290,687	4,738,172	-
LEE VINING	2561	115kV	344	261,722	2,099,225	2,361,291	-	-	-	344	261,722	2,099,225	-
SHERWIN	2571	115kV	-	100,772	1,207,512	1,308,284	-	-	-	-	100,772	1,207,512	-
ZACK	2582	55kV	400,881	-	655,406	1,056,287	-	-	-	400,881	-	655,406	-
KILAND (MAMMOTH LAKE) SUBSTATION	2587	33kV & Below	-	129,612	-	129,612	-	-	-	-	129,612	-	-
MT. TOM	2598	55kV	-	-	(230)	(230)	-	-	-	-	-	-	(230)
MINARET	2612	33kV & Below	-	-	-	-	-	-	-	-	-	-	-
DAF INDAL 500KW WND TURBN	3717	33kV & Below	714	-	-	714	-	-	-	714	-	-	-
LEBEC SUBSTATION	5016	220kV	-	-	15,138	15,138	-	-	-	-	-	-	15,138
ARCOGEN SUB	5022	220kV	-	-	963,824	963,824	-	-	-	-	-	-	963,824
CLWTR SWITCHRACK 3,4 SUB	5046	220kV	48,136	156,227	3,179,929	3,384,292	-	-	-	48,136	156,227	3,179,929	-
ORMOND BCH SWITCHRACK SUB	5049	220kV	158,170	34,483	5,924,405	6,117,058	-	-	-	158,170	34,483	5,924,405	-
SAUGUS SUB	5051	66kV	13,373	5,436,194	76,074,367	81,523,934	-	-	-	13,373	5,436,194	76,074,367	-
CAMINO SUB	5068	220kV	-	12,697	4,246,840	4,259,537	-	-	-	-	12,697	4,246,840	-
VELASCO SUB	5072	220kV	-	-	155,442	155,442	-	-	-	-	-	155,442	-
HUNTINGTON BCH SWITCHCRCK	5078	220kV	21,660	146,324	4,891,312	5,059,296	-	-	-	21,660	146,324	4,891,312	-
TRITON SUB	5095	115kV	2,415,092	2,377,770	26,471,314	31,264,177	-	-	-	2,415,092	2,377,770	26,471,314	-
ALHAMBRA SUB	5101	66kV	-	83,447	2,771,763	2,855,210	-	-	-	-	83,447	2,771,763	-
BANDINI SUB	5107	66kV	4,583	16,136	-	20,718	-	-	-	4,583	16,136	-	-
BICKNELL SUB	5109	33kV & Below	-	-	2,451	2,451	-	-	-	-	-	-	2,451
WABASH (NEW) SUB	5110	66kV	-	24,360	-	24,360	-	-	-	-	24,360	-	-
THUMSGEN SUBSTATION	5112	66kV	-	-	2,049	2,049	-	-	-	-	-	-	2,049
RUSH SUB	5116	66kV	-	-	-	-	-	-	-	-	-	-	-
FEDERALGEN SUB	5120	66kV	-	6,944	-	6,944	-	-	-	-	6,944	-	-
MONROVIA SUB	5134	33kV & Below	-	-	-	-	-	-	-	-	-	-	-
GENAMIC SUB	5139	66kV	-	5,739	-	5,739	-	-	-	-	5,739	-	-
ROSEMEAD SUB	5141	66kV	-	38,757	22	38,779	-	-	-	-	38,757	22	-
DUARTE SUB	5150	33kV & Below	-	-	-	-	-	-	-	-	-	-	-
JOSE SUB	5152	66kV	-	56,769	3,887	60,656	-	-	-	-	56,769	3,887	-
ARROYO SUB	5158	66kV	-	-	123	123	-	-	-	-	-	-	123
AMADOR SUB	5161	66kV	-	-	(47,687)	(47,687)	-	-	-	-	-	-	(47,687)
FAIR OAKS SUB	5162	33kV & Below	-	-	17,195	17,195	-	-	-	-	-	-	17,195
REPETTO SUB	5164	66kV	-	17,757	-	17,757	-	-	-	17,757	-	-	-
JPL SUB	5165	66kV	-	-	3,666	3,666	-	-	-	-	-	-	3,666
MAYFLOWER SUB	5167	33kV & Below	-	-	91,972	91,972	-	-	-	-	-	-	91,972
TEMPLE SUB	5170	33kV & Below	-	-	17,367	17,367	-	-	-	-	-	-	17,367
VAIL SUB	5175	66kV	-	15,470	-	15,470	-	-	-	-	15,470	-	-
KIMBALL SUBSTATION	5176	66kV	-	-	-	-	-	-	-	-	-	-	-
KIRKWALL SUBSTATION	5178	66kV	3,995	-	-	3,995	-	-	-	3,995	-	-	-
RAVENDALE SUB	5179	66kV	-	11,112	-	11,112	-	-	-	11,112	-	-	-
CITRUS SUB	5185	66kV	-	-	37,984	37,984	-	-	-	-	-	-	37,984
CORTEZ SUB	5186	66kV	-	16,955	31,589	48,544	-	-	-	16,955	31,589	-	-
DALTON SUB	5188	66kV	-	82,794	-	82,794	-	-	-	82,794	-	-	-
RAILROAD SUB	5196	66kV	-	57,470	-	57,470	-	-	-	57,470	-	-	-
ALHAMBRA DIST SUB TRG FAC	5198	66kV	-	25,705	2,046,562	2,072,267	-	-	-	-	25,705	2,046,562	-
BEVERLY HILLS SUB	5201	66kV	-	-	-	-	-	-	-	-	-	-	-
CULVER CITY SUB	5204	66kV	-	61,262	-	61,262	-	-	-	61,262	-	-	-
SEPULVEDA SUB	5207	66kV	-	41,604	-	41,604	-	-	-	41,604	-	-	-
HOWARD SUB	5210	66kV	-	-	17,431	17,431	-	-	-	-	-	-	17,431
INGLEWOOD SUB	5211	66kV	-	29,751	-	29,751	-	-	-	29,751	-	-	-
LENNOX SUB	5213	66kV	-	25,054	17,794	42,848	-	-	-	25,054	17,794	-	-
MADRID SUB	5215	33kV & Below	-	575	-	575	-	-	-	575	-	-	-
MANHATTAN SUB	5216	33kV & Below	-	10,762	-	10,762	-	-	-	10,762	-	-	-
MONETA SUB	5218	33kV & Below	-	16,856	-	16,856	-	-	-	16,856	-	-	-
OCEAN PARK SUB	5221	33kV & Below	-	4,164	-	4,164	-	-	-	4,164	-	-	-
PEARL SUB	5224	33kV & Below	-	14,955	-	14,955	-	-	-	14,955	-	-	-
BRIGHTON SUB	5226	66kV	-	3,804	-	3,804	-	-	-	3,804	-	-	-
REDONDO SUB	5227	33kV & Below	-	33,678	-	33,678	-	-	-	33,678	-	-	-
ROSECRAWS SUB	5228	66kV	-	70,272	-	70,272	-	-	-	70,272	-	-	-
MOBILIOIL SUB	5229	66kV	-	3,652	-	3,652	-	-	-	3,652	-	-	-
SANTA MONICA SUB	5231	66kV	-	19,278	-	19,278	-	-	-	19,278	-	-	-
WINDSOR HILLS SUB	5235	66kV	-	58,264	17,508	75,772	-	-	-	58,264	17,508	-	-
VALDEZ SUB	5236	66kV	-	-	24,710	24,710	-	-	-	-	-	24,710	-
LAWNDALE SUB	5238	33kV & Below	-	44,342	-	44,342	-	-	-	44,342	-	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment
CRATER SUB	5239	66kV	-	-	9,057	9,057	-	-	-	-	-	9,057
YUKON SUB	5241	66kV	4,415	-	-	4,415	-	-	-	4,415	-	-
COLORADO SUB	5242	66kV	-	40,180	-	40,180	-	-	-	-	40,180	-
TOPANGA SUB	5243	33kV & Below	-	-	-	-	-	-	-	-	-	-
DITMAR SUB	5246	66kV	-	8,978	-	8,978	-	-	-	-	8,978	-
SAWTELLE SUB	5250	66kV	-	70,183	-	70,183	-	-	-	-	70,183	-
ROLLING HILLS SUB	5252	66kV	-	27,085	-	27,085	-	-	-	-	27,085	-
HAVEDA SUB	5254	33kV & Below	-	30,118	-	30,118	-	-	-	-	30,118	-
LUNADA SUB	5255	33kV & Below	-	8,090	-	8,090	-	-	-	-	8,090	-
BRIDGE SUB	5257	66kV	-	14,957	-	14,957	-	-	-	-	14,957	-
STIRRUP SUB	5259	33kV & Below	-	14,955	-	14,955	-	-	-	-	14,955	-
COLOSSUS SUB	5260	66kV	-	-	7,141	7,141	-	-	-	-	-	7,141
SPACE SUB	5267	66kV	-	21,279	-	21,279	-	-	-	-	21,279	-
TOPAZ SUB	5268	66kV	-	29,219	-	29,219	-	-	-	-	29,219	-
TAHITI SUB	5271	66kV	-	23,749	-	23,749	-	-	-	-	23,749	-
LATIGO SUB	5272	66kV	-	-	-	-	-	-	-	-	-	-
STANHILL SUB	5273	66kV	-	-	0	0	-	-	-	-	-	0
GALAXY SUB	5274	66kV	-	8,898	-	8,898	-	-	-	-	8,898	-
MARYMOUNT SUB	5275	66kV	-	4,862	-	4,862	-	-	-	-	4,862	-
PALOGEN SUB	5282	66kV	-	42,738	-	42,738	-	-	-	-	42,738	-
BIG CREEK 2	5302	33kV & Below	-	-	1,018,533	1,018,533	-	-	-	-	-	1,018,533
DELANO SUB	5305	66kV	-	60,018	-	60,018	-	-	-	-	60,018	-
EARLIMART	5306	66kV	-	-	-	-	-	-	-	-	-	-
HAVILAH SUB	5311	66kV	-	-	-	-	-	-	-	-	-	-
LIBERTY SUB	5312	66kV	-	301,990	-	301,990	-	-	-	-	301,990	-
LAUREL SUB	5315	66kV	-	-	-	-	-	-	-	-	-	-
OCTOL SUB	5320	66kV	-	13,523	-	13,523	-	-	-	-	13,523	-
PIXLEY SUB	5321	66kV	-	18,619	-	18,619	-	-	-	-	18,619	-
POPLAR SUB	5322	66kV	-	-	-	-	-	-	-	-	-	-
STRATHMORE SUB	5325	66kV	-	-	14,882	14,882	-	-	-	-	-	14,882
VISALIA SUB	5331	66kV	-	35,561	-	35,561	-	-	-	-	35,561	-
WOODVILLE SUB	5333	66kV	-	15,418	74,641	90,058	-	-	-	-	15,418	74,641
GREENHORN SUB	5339	66kV	-	-	-	-	-	-	-	-	-	-
BOXWOOD SUB	5351	66kV	-	-	-	-	-	-	-	-	-	-
LINE CREEK SUB	5352	33kV & Below	-	-	31,030	31,030	-	-	-	-	-	31,030
KERNVILLE SUB	5356	66kV	-	-	-	-	-	-	-	-	-	-
RIVERWAY SUB	5374	66kV	801,825	-	-	801,825	-	-	-	-	801,825	-
MASCOT SUBSTATION	5375	66kV	573,588	-	-	573,588	-	-	-	-	573,588	-
CANWIND SUB	5405	66kV	-	-	9,895	9,895	-	-	-	-	-	9,895
ENWIND SUB	5406	66kV	-	11,023	29,527	40,550	-	-	-	-	11,023	29,527
MORWIND SUB	5409	66kV	-	-	6,367	6,367	-	-	-	-	-	6,367
FLOWIND SUB	5410	66kV	-	-	11,009	11,009	-	-	-	-	-	11,009
ARBWIND SUB	5411	66kV	-	-	6,186	6,186	-	-	-	-	-	6,186
SILVER PEAK SUB	5412	55kV	-	-	84,025	84,025	-	-	-	-	-	84,025
DUTCHWIND SUB	5414	66kV	-	11,023	7,801	18,824	-	-	-	-	11,023	7,801
OAKWIND SUB	5415	66kV	-	-	23,342	23,342	-	-	-	-	-	23,342
MIDWIND SUB	5424	66kV	-	-	23,000	23,000	-	-	-	-	-	23,000
CASITAS SUB	5504	66kV	-	-	(251)	(251)	-	-	-	-	-	(251)
CHANNEL ISLANDS SUB	5506	66kV	-	116,483	-	116,483	-	-	-	-	-	116,483
ORTEGA SUB	5507	66kV	-	-	30,102	30,102	-	-	-	-	-	30,102
FILLMORE SUB	5510	66kV	-	5,566	-	5,566	-	-	-	-	-	5,566
MODOC SUB	5520	33kV & Below	-	-	-	-	-	-	-	-	-	-
OJAI SUB	5526	66kV	-	13,050	-	13,050	-	-	-	-	-	13,050
SANTA BARBARA SUB	5531	66kV	-	40,153	-	40,153	-	-	-	-	-	40,153
CHARMIN SUB	5535	66kV	-	-	27,327	27,327	-	-	-	-	-	27,327
VENTURA SUB	5538	33kV & Below	-	52,076	-	52,076	-	-	-	-	-	52,076
ELIZABETH LAKE SUB	5546	66kV	-	-	3,072	3,072	-	-	-	-	-	3,072
CORUM SUB	5547	66kV	-	-	-	-	-	-	-	-	-	-
NEWBURY SUB	5557	66kV	-	-	692,110	692,110	-	-	-	-	-	692,110
GRISWOLD SUB	5562	33kV & Below	-	-	-	-	-	-	-	-	-	-
PLAYA SUB	5565	33kV & Below	-	-	-	-	-	-	-	-	-	-
VEGAS SUB	5570	66kV	5,801	-	-	5,801	-	-	-	5,801	-	-
GAVIOTA SUB	5572	66kV	-	-	118,097	118,097	-	-	-	-	-	118,097
NEWHALL SUB	5576	66kV	-	-	413,802	413,802	-	-	-	-	-	413,802
POTRERO SUB	5597	66kV	-	-	-	-	-	-	-	-	-	-
RANDALL SUB	5601	66kV	-	20,403	56,150	76,552	-	-	-	20,403	56,150	-
TIMOTEO SUB	5604	66kV	-	1,760	-	1,760	-	-	-	-	1,760	-
ORANGE PRODUCTS SUB	5606	66kV	-	13,596	-	13,596	-	-	-	-	13,596	-
INLAND CONTAINER SUB	5612	66kV	-	20,750	-	20,750	-	-	-	-	20,750	-

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DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353	ISO RELATED			NON-ISO RELATED PLANT			
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353	
			Land & Land Rights	Structures & Improvements	Station Equipment		TOTAL	Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment
DECLEZ SUB	5615	66kV	-	-	23,032	23,032	-	-	-	-	-	-	23,032
FLANCO SUB	5616	33kV & Below	-	22,342	-	22,342	-	-	-	-	22,342	-	-
FIREHOUSE SUB	5618	66kV	-	6,520	-	6,520	-	-	-	-	6,520	-	-
HUSTON SUB	5621	33kV & Below	-	45,573	-	45,573	-	-	-	-	45,573	-	-
NORCO SUB	5624	33kV & Below	-	66,934	-	66,934	-	-	-	-	66,934	-	-
PEDLEY SUB	5626	66kV	-	22,868	-	22,868	-	-	-	-	22,868	-	-
TENNESSEE SUB	5628	66kV	-	44,558	-	44,558	-	-	-	-	44,558	-	-
REDLANDS SUB	5629	66kV	-	29,558	21,359	50,917	-	-	-	-	29,558	21,359	-
SAN ANTONIO SUB	5631	66kV	-	-	7,606	7,606	-	-	-	-	-	-	7,606
SAN DIMAS SUB	5633	66kV	-	19,651	-	19,651	-	-	-	-	19,651	-	-
UPLAND SUB	5635	66kV	-	21,532	-	21,532	-	-	-	-	21,532	-	-
YUCAIPA SUB	5636	66kV	-	31,005	-	31,005	-	-	-	-	31,005	-	-
FRANCIS SUB	5639	66kV	-	59,194	-	59,194	-	-	-	-	59,194	-	-
LAYFAIR SUB	5645	66kV	-	2,166	-	2,166	-	-	-	-	2,166	-	-
COLTON CEMENT SUB	5646	66kV	-	43,167	-	43,167	-	-	-	-	43,167	-	-
LINDE AIR SUB	5650	66kV	-	15,935	-	15,935	-	-	-	-	15,935	-	-
AMERON SUB	5652	66kV	-	-	531,131	531,131	-	-	-	-	-	-	531,131
REDUCTION SUB	5654	66kV	-	34,835	-	34,835	-	-	-	-	34,835	-	-
NOGALES SUB	5655	66kV	-	16,835	525,170	542,005	-	-	-	-	16,835	525,170	-
BAIN SUB	5656	66kV	-	704	-	704	-	-	-	-	704	-	-
PIPE SUB	5658	66kV	-	32,989	-	32,989	-	-	-	-	32,989	-	-
ARCHIBALD SUB	5659	66kV	-	-	206,393	206,393	-	-	-	-	-	-	206,393
RUNNING SPRINGS SUB	5661	33kV & Below	-	31,398	-	31,398	-	-	-	-	31,398	-	-
WIMBLEDON SUB	5664	66kV	-	1,282	17,343	18,626	-	-	-	-	1,282	17,343	-
ARCHLINE SUB	5667	66kV	-	12,856	-	12,856	-	-	-	-	12,856	-	-
CRESTMORE SUB	5668	66kV	-	14,975	-	14,975	-	-	-	-	14,975	-	-
DEL ROSA SUB	5670	66kV	-	-	17,327	17,327	-	-	-	-	-	-	17,327
WHIPPLE SUB	5674	66kV	-	8,714	-	8,714	-	-	-	-	8,714	-	-
LANDING SUB	5678	66kV	-	14,661	-	14,661	-	-	-	-	14,661	-	-
DIAMOND BAR SUB	5680	66kV	-	-	49,398	49,398	-	-	-	-	-	-	49,398
CUDAHY SUB	5714	66kV	-	32,033	-	32,033	-	-	-	-	32,033	-	-
FRUITLAND SUB	5718	66kV	-	12,712	-	12,712	-	-	-	-	12,712	-	-
FREMONT SUB	5720	66kV	-	6,957	-	6,957	-	-	-	-	6,957	-	-
HATHAWAY SUB	5726	66kV	-	21,380	-	21,380	-	-	-	-	21,380	-	-
ATHENS SUBSTATION	5727	33kV & Below	-	-	-	-	-	-	-	-	-	-	-
NAPLES SUBSTATION	5740	33kV & Below	-	-	114,340	114,340	-	-	-	-	-	-	114,340
SOMERSET SUBSTATION	5754	66kV	-	33,691	-	33,691	-	-	-	-	33,691	-	-
WATSON SUBSTATION	5758	66kV	-	-	3,790	3,790	-	-	-	-	-	-	3,790
DAISY SUBSTATION	5766	33kV & Below	-	12,646	-	12,646	-	-	-	-	12,646	-	-
DAVIDSON CITY	5779	33kV & Below	-	6,957	-	6,957	-	-	-	-	6,957	-	-
HEDDA SUB	5784	33kV & Below	-	-	-	-	-	-	-	-	-	-	-
SOUTH GATE SUBSTATION	5787	33kV & Below	-	-	17,255	17,255	-	-	-	-	-	-	17,255
BOVINE SUBSTATION	5788	66kV	-	-	17,101	17,101	-	-	-	-	-	-	17,101
MOVIE SUBSTATION	5798	66kV	-	1,963	17,658	19,621	-	-	-	-	1,963	17,658	-
VERA SUBSTATION	5801	66kV	-	-	-	-	-	-	-	-	-	-	-
CHIQUITA SUBSTATION	5811	66kV	-	-	58,207	58,207	-	-	-	-	-	-	58,207
MURPHY SUB	5812	66kV	-	20,469	-	20,469	-	-	-	-	20,469	-	-
CARMENITA SUBSTATION	5814	66kV	-	14,314	146,427	160,741	-	-	-	-	14,314	146,427	-
PARKWOOD SUBSTATION	5816	66kV	-	93,280	-	93,280	-	-	-	-	93,280	-	-
WAVE SUBSTATION	5828	66kV	-	-	-	-	-	-	-	-	-	-	-
LA HABRA SUBSTATION	5832	66kV	-	-	17,125	17,125	-	-	-	-	-	-	17,125
OCEANVIEW SUBSTATION	5842	66kV	-	-	58,101	58,101	-	-	-	-	-	-	58,101
ORANGE SUBSTATION	5843	66kV	-	423,768	1,592,773	2,016,541	-	-	-	-	423,768	1,592,773	-
SANTA ANA SUBSTATION	5849	33kV & Below	-	6,882	-	6,882	-	-	-	-	6,882	-	-
TALBERT SUB	5853	66kV	-	-	24,273	24,273	-	-	-	-	-	-	24,273
ALTON SUBSTATION	5860	66kV	241,262	-	-	241,262	-	-	-	-	241,262	-	-
SULLIVAN SUBSTATION	5862	66kV	-	-	230,879	230,879	-	-	-	-	-	-	230,879
ESTRELLA SUBSTATION	5865	66kV	-	-	41,148	41,148	-	-	-	-	-	-	41,148
SHAWNEE SUBSTATION	5869	66kV	-	-	17,289	17,289	-	-	-	-	-	-	17,289
LA PALMA SUBSTATION	5873	66kV	-	-	-	-	-	-	-	-	-	-	-
TUSTIN SUBSTATION	5878	66kV	11,308	-	-	11,308	-	-	-	-	11,308	-	-
PIONEER SUB	5886	66kV	-	6,944	-	6,944	-	-	-	-	6,944	-	-
BORREGO SUBSTATION	5887	66kV	-	-	-	-	-	-	-	-	-	-	-
TELEGRAPH SUB	5892	66kV	-	12,346	96,987	109,334	-	-	-	-	12,346	96,987	-
PASSONS SUB	5893	66kV	-	3,215	-	3,215	-	-	-	-	3,215	-	-
NIGUEL SUBSTATION	5896	66kV	-	-	21,384	21,384	-	-	-	-	-	-	21,384
LAS LOMAS SUB	5902	66kV	4,664,177	-	-	4,664,177	-	-	-	-	4,664,177	-	-
ORANGE COUNTY REGION	6002	33kV & Below	-	-	-	-	-	-	-	-	-	-	-
RIALTO COMB FAC. BLDG B&C	6011	Div Offices & Misc	-	2,770	-	2,770	-	-	-	-	2,770	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2018 Facilities

TRANSMISSION SUBSTATION FACILITIES

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2018 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353	ISO RELATED			NON-ISO RELATED PLANT			
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353	
			Land & Land Rights	Structures & Improvements	Station Equipment		TOTAL	Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment
BARSTOW SUB	8110	33kV & Below	-	6,894	59,447	66,341	-	-	-	-	-	6,894	59,447
BLYTHE SUB	8113	33kV & Below	-	22,511	440,016	462,527	-	-	-	-	-	22,511	440,016
BRYMAN SUB	8117	33kV & Below	-	-	7,083	7,083	-	-	-	-	-	-	7,083
CADY SUB	8119	33kV & Below	-	13,561	-	13,561	-	-	-	-	-	13,561	-
MILITARY SUB	8120	33kV & Below	-	15,598	-	15,598	-	-	-	-	-	15,598	-
CANTIL SUB	8121	33kV & Below	-	-	7,293	7,293	-	-	-	-	-	-	7,293
CATHEDRAL CITY SUB	8123	33kV & Below	-	9,939	-	9,939	-	-	-	-	-	9,939	-
CAL CITY SUB	8132	33kV & Below	-	6,894	-	6,894	-	-	-	-	-	6,894	-
DESERT OUTPOST SUB	8136	33kV & Below	-	13,544	-	13,544	-	-	-	-	-	13,544	-
DOWNS SUB	8137	115kV	82,401	5,781,510	17,032,878	22,896,788	-	-	-	-	82,401	5,781,510	17,032,878
EAST BARSTOW SUB	8140	33kV & Below	-	12,855	-	12,855	-	-	-	-	-	12,855	-
FOREST HOME SUB	8148	33kV & Below	-	15,135	-	15,135	-	-	-	-	-	15,135	-
GLEN IVY SUB	8152	33kV & Below	-	15,642	27,225	42,866	-	-	-	-	-	15,642	27,225
EL SOBRANTE SUB	8159	33kV & Below	-	4,126	-	4,126	-	-	-	-	-	4,126	-
HARVARD SUB	8161	33kV & Below	-	-	8,458	8,458	-	-	-	-	-	-	8,458
HELENDALE SUB	8163	33kV & Below	-	15,110	81,054	96,165	-	-	-	-	-	15,110	81,054
INYOKERN TOWN SUB	8170	33kV & Below	-	-	7,735	7,735	-	-	-	-	-	-	7,735
JOSHUA TREE SUB	8172	33kV & Below	-	9,177	-	9,177	-	-	-	-	-	9,177	-
Lakeview	8179	115kV	1,488,305	-	-	1,488,305	-	-	-	-	1,488,305	-	-
BOTTLE SUB	8182	115kV	-	158,075	1,283,195	1,441,271	-	-	-	-	-	158,075	1,283,195
MINNEOLA SUB	8190	33kV & Below	-	-	5,725	5,725	-	-	-	-	-	-	5,725
MORENO SUB	8193	115kV	104,923	760,685	5,212,267	6,077,876	-	-	-	-	104,923	760,685	5,212,267
MURRIETA 2 SUB	8195	33kV & Below	-	-	21,911	21,911	-	-	-	-	-	-	21,911
MURRIETA SUB	8196	66kV	-	-	-	-	-	-	-	-	-	-	-
SOUTHCAP SUB.	8197	115kV	-	-	942,250	942,250	-	-	-	-	-	-	942,250
MUSCOV SUB	8198	33kV & Below	-	-	132,416	132,416	-	-	-	-	-	-	132,416
BELDING SUB	8204	33kV & Below	-	42,109	-	42,109	-	-	-	-	-	42,109	-
NORTH MUROC SUB	8206	33kV & Below	-	-	-	-	-	-	-	-	-	-	-
HOLIDAY SUB	8207	33kV & Below	-	19,356	-	19,356	-	-	-	-	-	19,356	-
OLIVE LAKE SUB	8210	33kV & Below	-	558	-	558	-	-	-	-	-	558	-
ORDWAY SUB	8211	33kV & Below	-	15,610	-	15,610	-	-	-	-	-	15,610	-
ORO GRANDE SUB	8212	33kV & Below	-	-	7,994	7,994	-	-	-	-	-	-	7,994
PALM CANYON SUB	8214	33kV & Below	-	30,644	-	30,644	-	-	-	-	-	30,644	-
PEERLESS SUB	8216	33kV & Below	-	-	7,635	7,635	-	-	-	-	-	-	7,635
LUCERNE SUB	8220	33kV & Below	-	13,167	-	13,167	-	-	-	-	-	13,167	-
RANCHO SUB	8222	33kV & Below	-	6,894	2,107	9,001	-	-	-	-	-	6,894	2,107
RIALTO SUB	8225	33kV & Below	-	17,716	30,776	48,492	-	-	-	-	-	17,716	30,776
RIDGECREST SUB	8226	33kV & Below	-	-	17,438	17,438	-	-	-	-	-	-	17,438
RUBIDOUX SUB	8231	33kV & Below	-	6,317	-	6,317	-	-	-	-	-	6,317	-
SAN JACINTO SUB	8234	33kV & Below	-	-	-	-	-	-	-	-	-	-	-
SILVER SPUR SUB	8238	33kV & Below	-	8,994	-	8,994	-	-	-	-	-	8,994	-
SUNNY DUNES SUB	8244	33kV & Below	-	13,259	-	13,259	-	-	-	-	-	13,259	-
TEMESCAL SUB	8250	33kV & Below	-	-	4,236	4,236	-	-	-	-	-	-	4,236
THUNDERBIRD SUB	8251	33kV & Below	-	-	-	-	-	-	-	-	-	-	-
TRONA SUB	8252	33kV & Below	-	6,499	7,864	14,362	-	-	-	-	-	6,499	7,864
TWENTYNINE PALMS SUB	8255	33kV & Below	-	11,480	-	11,480	-	-	-	-	-	11,480	-
VICTORVILLE SUB	8260	33kV & Below	-	18,135	22,159	40,294	-	-	-	-	-	18,135	22,159
PEREZ SUB	8263	33kV & Below	-	29,219	-	29,219	-	-	-	-	-	29,219	-
WILDE SUB	8267	33kV & Below	-	-	-	-	-	-	-	-	-	-	-
YERMO SUB	8268	33kV & Below	-	23,195	-	23,195	-	-	-	-	-	23,195	-
TENAJA SUBSTATION	8270	115kV	-	-	21,919	21,919	-	-	-	-	-	-	21,919
IRON MT SCE	8273	33kV & Below	-	8,651	-	8,651	-	-	-	-	-	8,651	-
CORONA SUB	8279	66kV	-	5,855	-	5,855	-	-	-	-	-	5,855	-
GALE SUB	8283	115kV	-	9,848	5,876,497	5,886,345	-	-	-	-	-	9,848	5,876,497
GOLD HILL SUB	8294	33kV & Below	-	6,894	-	6,894	-	-	-	-	-	6,894	-
TORTILLA SUB	8295	115kV	-	48,114	-	48,114	-	-	-	-	-	48,114	-
BUCKWIND	8301	115kV	-	25,208	751,981	777,189	-	-	-	-	-	25,208	751,981
CAPWIHND	8302	115kV	-	29,827	78,542	108,369	-	-	-	-	-	29,827	78,542
RENWIND	8303	115kV	-	15,102	827,522	842,625	-	-	-	-	-	15,102	827,522
SANWIND	8304	115kV	-	-	371,041	371,041	-	-	-	-	-	-	371,041
TRANSWIND	8305	115kV	-	25,366	1,061,136	1,086,501	-	-	-	-	-	25,366	1,061,136
VENWIND	8306	115kV	-	21,039	2,287,437	2,308,477	-	-	-	-	-	21,039	2,287,437
ALTWIND	8308	115kV	-	1,022	25,028	26,050	-	-	-	-	-	1,022	25,028
TERAWIND	8310	115kV	-	5,398	226,460	231,859	-	-	-	-	-	5,398	226,460
INDIGO SUBSTATION	8311	115kV	-	4,899	229,185	234,084	-	-	-	-	-	4,899	229,185
CALGEN	8312	115kV	532	1,600	12,970	15,102	-	-	-	-	532	1,600	12,970
MCGEN	8314	115kV	-	112,388	2,464,391	2,576,779	-	-	-	-	-	112,388	2,464,391
SEGS II	8320	115kV	-	-	45,594	45,594	-	-	-	-	-	45,594	-
SEGS III	8321	115kV	-	-	11,755	11,755	-	-	-	-	-	11,755	-

SOUTHERN CALIFORNIA EDISON COMPANY

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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353
			Land & Land Rights	Structures & Improvements	Station Equipment		TOTAL	Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements
SEGS IV	8322	115kV	-	-	41,025	41,025	-	-	-	-	-	41,025
SEGS V	8323	115kV	-	-	8,814	8,814	-	-	-	-	-	8,814
SEGS VI	8324	115kV	-	-	39,130	39,130	-	-	-	-	-	39,130
SEGS VII	8325	115kV	-	-	119,704	119,704	-	-	-	-	-	119,704
SEGS VIII	8326	220kV	-	-	83,150	83,150	-	-	-	-	-	83,150
SEGS IX	8327	220kV	-	-	74,085	74,085	-	-	-	-	-	74,085
SOPORT	8340	115kV	-	42,538	654,012	696,550	-	-	-	-	42,538	654,012
NEWCOMB	8342	115kV	51,172	1,223,085	10,876,324	12,150,580	-	-	-	-	51,172	1,223,085
ELGINORE	8343	115kV	20,961	1,295,575	16,173,022	17,489,557	-	-	-	-	20,961	1,295,575
SOUTH BASE SUB	8344	115kV	12,179	143,764	2,017,154	2,173,097	-	-	-	-	12,179	143,764
INDIAN WELLS SUB	8345	115kV	222,600	930,666	12,795,164	13,948,430	-	-	-	-	222,600	930,666
PECHANGA SUB	8347	115kV	560,579	844,656	11,267,214	12,672,449	-	-	-	-	560,579	844,656
MORAGA	8348	115kV	40,720	307,859	17,249,030	17,597,609	-	-	-	-	40,720	307,859
TANKER SUBSTATION	8351	115kV	120	4,440	696,181	700,741	-	-	-	-	120	4,440
PLUESS SUBSTATION	8353	115kV	-	-	151,193	151,193	-	-	-	-	-	151,193
AFG SUBSTATION	8354	115kV	-	78,655	1,082,686	1,161,340	-	-	-	-	78,655	1,082,686
RECTIFIER SUB	8357	115kV	-	5,170	1,098,304	1,103,474	-	-	-	-	5,170	1,098,304
MOUNTWIND SUBSTATION	8359	115kV	-	-	53,698	53,698	-	-	-	-	-	53,698
COSO SUB	8361	115kV	91,119	1,641,131	4,788,019	6,520,269	-	-	-	-	91,119	1,641,131
MOVAL SUBSTATION	8362	115kV	-	128,640	491,674	620,314	-	-	-	-	-	128,640
SANDLOT SUB	8370	220kV	-	790,436	4,014,371	4,804,806	-	-	-	-	790,436	4,014,371
PRIMM SUBSTATION	8372	220kV	-	11,876,358	19,288,758	31,165,116	-	11,876,358	19,288,758	-	-	-
BLAST SUBSTATION	8373	115kV	-	471,546	69,402	540,949	-	-	-	-	471,546	69,402
PHARMACY SUBSTATION	8509	66kV	-	-	43,289	43,289	-	-	-	-	-	43,289
GLOW SUBSTATION	8511	66kV	-	-	128,972	128,972	-	-	-	-	-	128,972
PLASTER SUBSTATION	8558	66kV	4,671	-	-	4,671	-	-	-	4,671	-	-
ONEIL SUBSTATION	8810	66kV	1,188,142	-	-	1,188,142	-	-	-	1,188,142	-	-
EAST TRANSITION	8860	500kV	-	8,110,556	7,540,227	15,650,783	-	8,110,556	7,540,227	-	-	-
MWD EASTSIDE RES	8956	115kV	-	-	-	-	-	-	-	-	-	-
WEST TRANSITION	8960	500kV	-	9,080,689	5,795,943	14,876,632	-	9,080,689	5,795,943	-	-	-
CONSTR FIELD FORCES	9009	Div Offices & Misc	-	-	527,316	527,316	-	-	-	-	-	527,316
TRANS/SUB SUPPORT SERV	9047	Div Offices & Misc	-	-	74,775,490	74,775,490	-	-	-	-	-	74,775,490
INFO TECH-GO2	9077	Div Offices & Misc	-	-	-	-	-	-	-	-	-	-
GENERAL OFFICE #5 - GOS	9201	Div Offices & Misc	-	-	-	-	-	-	-	-	-	-
PROP SVCS-SN GBRL VAL REG	9285	Div Offices & Misc	-	-	-	-	-	-	-	-	-	-
REAL PROP-LAND SVCS-STHRN	9287	Misc	-	12,869	-	12,869	-	-	-	-	12,869	-
ALHAMBRA COMM SITE	9300	Misc	-	-	9,775	9,775	-	-	-	-	-	9,775
TELCOMM-ALHAMBRA	9310	Misc	327,844	-	-	327,844	-	-	-	327,844	-	-
WESTMINSTER FENWICK BLDG	9440	Div Offices & Misc	-	8,929	-	8,929	-	-	-	-	8,929	-
TELECOMM BUSINESS VENTURE	9597	Div Offices & Misc	-	-	-	-	-	-	-	-	-	-
PLANT ACCTG-MISC. LEDGER	9900	Div Offices & Misc	631	-	-	631	-	-	-	631	-	-
CUMMINGSS SUB	5357	66kV	-	-	111,576	111,576	-	-	-	-	-	111,576
MONOLITH SUB	5358	66kV	-	234	1,261,397	1,261,631	-	-	-	-	234	1,261,397
ACTON SUB	5365	66kV	24,167	-	15,396,76	39,564	-	-	-	-	24,167	15,397
DEL SUR SUB	5508	66kV	-	-	424,747	424,747	-	-	-	-	-	424,747
GOLDTOWN SUB	5511	66kV	-	-	526,259	526,259	-	-	-	-	-	526,259
LANCASTER SUB	5514	66kV	-	-	1,071,949	1,071,949	-	-	-	-	-	1,071,949
LITTLE ROCK SUB	5518	66kV	-	-	1,690,353	1,690,353	-	-	-	-	-	1,690,353
SHUTTLE SUB	5522	66kV	-	-	911,750	911,750	-	-	-	-	-	911,750
REDMAN WUB	5530	66kV	-	-	299,056	299,056	-	-	-	-	-	299,056
ANARVERDE SUB	5539	66kV	-	-	76,359	76,359	-	-	-	-	-	76,359
ROSAMOND SUB	5541	66kV	-	-	658,870	658,870	-	-	-	-	-	658,870
PIUTE SUB	5545	66kV	-	11,023	149,257	160,280	-	-	-	-	11,023	149,257
OASIS SUB	5548	66kV	-	-	397,008	397,008	-	-	-	-	-	397,008
CAL CEMENT SUB	5553	66kV	-	15,551	367,757	383,308	-	-	-	-	15,551	367,757
PALMDALE SUB	5564	66kV	-	-	603,424	603,424	-	-	-	-	-	603,424
QUARTZ HILL SUB	5566	66kV	-	11,023	220,467	231,490	-	-	-	-	11,023	220,467
HELJET SUB	5599	66kV	-	-	499,396	499,396	-	-	-	-	-	499,396
RITTER SUB	8504	66kV	942,487	-	-	942,487	-	-	-	942,487	-	-
BIG CREEK NO.1	2211	220kV	-	264,412	9,196,246	9,460,657	-	113,335	3,930,439	-	151,077	5,265,807
BIG CREEK NO.8	2229	220kV	-	282,649	3,159,148	3,441,797	-	271,730	3,037,106	-	10,919	122,042
BIG CREEK NO.3	2230	220kV	-	2,536,133	18,221,270	20,757,403	-	2,159,010	15,511,762	-	377,124	2,709,508
CONTROL STATION	2556	115kV	-	1,598,259	15,357,249	16,955,508	-	1,338,100	13,225,143	-	260,159	2,132,106
T.M. GOODRICH SUB-PASADENA	5010	220kV	-	643,112	35,398	678,511	-	643,112	35,398	-	-	-
EAGLE ROCK SUB	5011	220kV	19,613	4,889,184	34,587,216	39,496,013	3,697	920,843	6,520,499	15,916	3,968,342	28,066,717
MESA SUB	5012	220kV	2,031,347	10,373,614	56,262,058	68,667,019	795,139	4,088,318	21,995,178	1,236,208	6,285,297	34,266,880
RIO HONDO SUB	5013	220kV	457,530	8,478,042	79,711,008	88,646,579	112,803	2,090,253	19,652,667	344,726	6,387,789	60,058,340
WALNUT SUB	5014	220kV	97,955	5,107,760	34,639,105	39,844,820	6,386	332,970	2,258,087	91,569	4,774,791	32,381,018
GOULD SUB	5015	220kV	29,300	1,468,803	32,613,875	34,111,978	10,549	528,817	11,742,067	18,751	939,985	20,871,807

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2018 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353	ISO RELATED			NON-ISO RELATED PLANT			
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353	
			Land & Land Rights	Structures & Improvements	Station Equipment		TOTAL	Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment
DRYCREEK/WIND SUB	5018	220kV	-	(0)	0	-	-	(0)	0	-	-	-	-
LA FRESA SUB	5021	220kV	101,370	5,951,629	95,497,329	101,550,327	16,100	939,894	15,172,821	85,270	5,011,734	80,324,508	
EL NIDO SUB	5023	220kV	285,620	13,153,933	48,175,257	61,614,809	99,252	5,731,867	15,579,754	186,368	7,422,066	32,595,503	
LA CIENEGA SUB	5024	220kV	2,100,227	5,582,007	44,174,047	51,856,281	650,675	1,729,370	13,685,631	1,449,552	3,852,637	30,488,417	
ALAMITOS SWITCHRACK SUB	5025	220kV	63,557	3,018,404	37,805,974	40,887,936	31,060	1,475,067	18,475,441	32,497	1,543,337	19,330,533	
LG BCH SWITCHRACK SUB	5027	220kV	97,213	1,331,157	8,679,829	10,108,199	32,178	440,613	2,935,007	65,036	890,544	5,744,822	
REDONDO SWITCHRACK SUB	5028	220kV	13,018	39,761	5,931,998	5,984,777	8,659	26,446	3,945,500	4,360	13,315	1,986,498	
MAGUNDEN SUB	5031	220kV	8,363	3,933,110	17,716,717	21,658,190	7,963	3,745,100	16,765,565	400	188,010	951,152	
RECTOR SUB	5033	220kV	394,843	21,185,111	118,941,907	140,521,862	210,939	11,317,836	64,431,952	183,904	9,867,275	54,509,955	
SPRINGVILLE SUB	5034	220kV	12,198	2,080,488	33,939,967	36,032,653	3,396	533,457	9,496,511	8,801	1,547,032	24,443,455	
VESTAL SUB	5035	220kV	7,243	2,055,230	55,783,186	57,845,659	3,340	966,798	25,701,038	3,902	1,088,432	30,082,148	
EAGLE MT. SUB	5040	220kV	-	411,343	18,744,677	19,156,020	-	173,433	9,486,998	-	237,910	9,257,678	
CIMA SUB	5043	220kV	1,824	17,123	3,284,606	3,303,553	207	1,940	372,210	1,617	15,183	2,912,396	
MANDALAY SWITCHRACK SUB	5048	220kV	49,104	29,546	2,561,161	2,639,812	-	-	-	49,104	29,546	2,561,161	
PARDEE SUB	5050	220kV	970,263	10,904,323	44,522,083	56,396,669	844,999	9,497,421	38,773,270	125,264	1,406,902	5,748,814	
ANTELOPE SUB	5052	500kV	21,983	7,700,368	204,807,660	212,530,011	21,982	7,700,048	204,798,695	1	320	8,964	
SANTA CLARA SUB	5053	220kV	140,739	3,886,681	51,924,120	55,951,540	38,399	1,060,437	14,166,906	102,340	2,826,245	37,757,214	
GOLETA SUB	5055	220kV	236,194	3,916,189	28,647,893	32,800,276	82,821	1,365,018	10,053,490	153,373	2,551,171	18,594,403	
MOORPARK SUB	5056	220kV	184,091	6,657,112	68,170,662	75,011,866	25,309	915,212	9,372,025	158,782	5,741,900	58,798,637	
BAILEY SUB	5059	220kV	111,063	7,296,501	33,994,407	41,401,971	111,063	7,296,501	33,994,407	-	-	-	
PADUA SUB	5060	220kV	149,547	5,337,785	54,332,706	59,820,038	60,622	2,159,927	22,006,615	88,925	3,177,858	32,326,091	
CHINO SUB	5062	220kV	34,465	3,865,219	38,135,480	42,035,164	7,922	870,463	8,783,607	26,543	2,994,756	29,351,873	
JULIAN HINDS SUB	5063	220kV	-	1,464,256	23,926,554	25,390,810	-	1,451,555	23,719,014	-	12,701	207,540	
VISTA SUB	5064	220kV	52,109	26,210,254	76,099,574	102,361,937	10,899	5,537,521	15,861,087	41,210	20,672,732	60,238,487	
DEVERS SUB	5067	500kV	1,370,884	42,025,572	227,548,514	270,944,970	1,150,861	35,280,799	191,635,448	220,023	6,744,773	35,913,066	
MIRA LOMA SUB	5069	500kV	474,735	50,977,536	207,341,363	258,793,634	404,114	43,289,549	176,601,854	70,622	7,687,986	30,739,509	
HINSON SUB	5071	220kV	678,278	2,621,102	36,780,116	40,079,495	137,786	236,014	7,768,008	540,491	2,385,087	29,012,108	
LIGHTHYPE SUB	5073	220kV	164,680	14,096,269	37,403,798	51,664,746	49,277	4,218,046	11,192,389	115,402	9,878,224	26,211,409	
LAGUNA BELL SUB	5074	220kV	131,263	3,046,694	49,658,538	52,863,494	33,912	785,433	12,838,034	97,351	2,261,260	36,847,504	
DEL AMO SUB	5075	220kV	164,747	6,720,665	60,588,110	67,473,522	27,115	948,785	10,132,789	137,632	5,771,880	50,455,321	
BARRE SUB	5081	220kV	86,188	4,105,722	61,137,041	65,328,951	28,104	1,338,768	19,935,184	58,084	2,766,954	41,201,858	
VILLA PARK SUB	5082	220kV	270,570	7,005,025	54,383,358	61,658,953	87,262	2,600,297	17,200,201	183,308	4,404,729	37,183,157	
VIEJO SUBSTATION	5083	220kV	13,285,971	8,784,046	34,762,159	56,832,176	3,201,270	2,116,444	8,376,063	10,084,701	6,667,602	26,386,096	
CENTER SUB	5084	220kV	71,802	5,224,510	52,694,273	57,990,585	6,484	374,942	4,855,483	65,318	4,849,568	47,838,790	
JOHANNA SUB	5085 & 5081	220kV	813,416	5,574,307	25,639,314	32,027,037	230,653	1,312,453	8,070,630	582,763	4,261,854	17,568,684	
ELLIS SUB	5086	220kV	59,737	5,351,860	76,011,564	81,423,161	12,727	1,148,921	16,185,525	47,010	4,202,938	59,826,039	
OLINDA SUB	5087	220kV	390,538	2,233,806	33,241,683	35,866,026	59,383	339,661	5,054,563	331,155	1,894,145	28,187,120	
SANTIAGO SUB	5088	220kV	557,976	13,574,840	153,601,724	167,734,540	305,738	9,485,571	82,117,416	252,238	4,089,268	71,484,307	
ETIWANDA SWITCHRACK SUB	5096	220kV	186,144	4,340,556	56,563,185	61,089,885	35,636	830,973	10,828,634	150,508	3,509,583	45,734,551	
EL CASCO SUBSTATION	8006	220kV	-	30,221,976	56,892,734	87,114,709	-	4,997,123	9,406,798	-	25,224,852	47,485,936	
MIRAGE(CEP) SUB	8012	220kV	629,541	4,895,812	57,424,478	62,949,830	250,019	1,893,043	22,793,709	379,522	3,002,768	34,630,768	
TORTILLA(CEP) SUB	8037	115kV	17,114	1,027,694	11,213,201	12,258,009	6,515	390,689	4,269,128	10,599	637,006	6,944,073	
VICTOR SUB	8049	220kV	22,088	12,172,330	112,484,153	124,678,563	19,578	10,796,732	99,694,227	2,510	1,375,598	12,789,918	
LAKEVIEW SUB	8056	115kV	100	9,442,822	22,745,941	32,188,864	-	-	-	100	9,442,822	22,745,941	
EASTWIND SUB	8058	220kV	-	-	23,430	23,430	-	-	-	-	-	23,430	
CHEVMAIN	8063	220kV	-	376,650	15,382,416	15,759,067	-	88,913	3,631,217	-	287,737	11,751,199	
CLEMENTINE	8071	115kV	-	41,635	69,695	111,329	-	-	-	-	41,635	69,695	
BADLANDS SUB	8081	115kV	-	21,176	-	21,176	-	-	-	-	21,176	-	
INDIAN WELLS SUB	8175	115kV	-	103,197	-	103,197	-	-	-	-	103,197	-	
Inyokern (CEP) & Inyokern	5041 & 8040	115kV	7,964	485,869	14,821,219	15,315,052	2,139	53,562	4,057,898	5,825	432,307	10,763,321	
Kramer & Kramer-Radial Line Agmt	5042 & 8046	220kV	48,811	2,548,729	52,285,631	54,882,892	38,992	2,036,001	41,767,103	9,819	512,728	10,518,248	
Vincent	5054 & 8054	500kV	17,324,279	27,870,106	226,612,392	271,806,776	17,324,279	27,870,106	226,612,392	-	-	-	
Valley & Valley - CEP	5070 & 8034	500kV	311,358	40,962,650	210,071,523	251,335,530	93,653	10,743,019	74,332,638	217,704	30,219,631	135,738,885	
San Onofre Switchtrack	8051-8055	220kV	-	-	-	-	-	-	-	-	-	-	
San Bernardino-220kv Switchyard & 220kv to	8076 & 1999	220kV	302,392	5,311,657	51,822,237	57,436,286	79,045	1,388,161	13,546,565	223,347	3,923,495	38,275,671	
GREENWALD SUB	8339	115kV	-	10,350	8,152	18,502	-	-	-	-	10,350	8,152	
IVANPAH SUB	8363	220kV	-	13,019,051	33,195,622	46,214,672	-	13,005,990	33,162,320	-	13,061	33,302	
NEW VICTOR SUB	8364	115kV	-	-	-	-	-	-	-	-	-	-	
LEATHERNECK SUB	8366	115kV	-	38,734	12,644	51,378	-	-	-	-	38,734	12,644	
RED BLUFF SUB	8369	500kV	-	93,373,929	111,627,933	205,001,862	-	93,373,929	111,627,933	-	-	-	
COLORADO RIVER SUB	8367	500kV	-	39,961,276	135,820,364	175,781,640	-	39,961,276	135,820,364	-	-	-	
FOGARTY SUB	8346	115kV	-	4,398,452	16,236,483	20,634,935	-	-	-	4,398,452	-	16,236,483	
MIDWAY-VINCENT LINES 1&2	4026	500kV	2,910,822	8,464	27,105	2,946,391	2,910,822	8,464	27,105	-	-	-	
DWP-EDSN CEILIO-SYLMR LN	4031	1000kV	-	95,841	-	95,841	-	-	-	-	-	-	
DWP-EDSN CEILIO-SYLMR LN	4034	1000kV	-	541	-	541	-	-	-	-	-	-	
PARDEE-SYLMR LINES 1&2	4045	220kV	187,213	106,089	-	293,302	187,213	106,089	-	-	-	-	
EAGLE ROCK-SYLMAR LNE	4046	220kV	186,657	-	-	186,657	186,657	-	-	-	-	-	
PARDEE-VINCENT LINE CONST	4059	220kV	13,002	-	-	13,002	13,002	-	-	-	-	-	
RIO HONDO-VINCENT LN 2	4070	220kV	61,040</										

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2018 Facilities

TRANSMISSION SUBSTATION FACILITIES

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2018 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment
RECTOR-VESTAL #2 220KV	4269	220KV	-	-	-	-	-	-	-	-	-	-
BIG CREEK4-SPRNGVL-MGNDN	4288	220KV	-	-	-	-	-	-	-	-	-	-
ALL 66KV T/L-COASTAL REGN	4405	66KV	-	-	-	-	-	-	-	-	-	-
EAGLE ROCK-MESA 220 KV LN	4301	220KV	-	-	-	-	-	-	-	-	-	-
ALL 66KV T/L-METRO REGION	4305	66KV	-	-	-	-	-	-	-	-	-	-
ANTELOPE-MESA 220 KV LN	4307	220KV	-	-	-	-	-	-	-	-	-	-
CHINO-VILLA PARK 220KV LN	4318	220KV	-	-	-	-	-	-	-	-	-	-
CENTER-MESA 220KV LN	4319	220KV	-	-	-	-	-	-	-	-	-	-
MESA VINCENT No 2 220 KV LINE	4325	220KV	-	-	-	-	-	-	-	-	-	-
MIRA LOMA-SERRANO# 1&2 500KV	4348	500KV	-	-	-	-	-	-	-	-	-	-
MIRA LOMA - VINCENT 500 KV LINE	4360	500KV	25,733,774	2,467,564	-	28,201,338	25,733,774	2,467,564	-	-	-	-
MESA-REDONDO 220KV LN	4414	220KV	-	-	-	-	-	-	-	-	-	-
CENTER MESA&OLINDA 220KV	4419	220KV	-	-	-	-	-	-	-	-	-	-
DEVERS-HINDS 220KV LNS	4504	220KV	-	-	-	-	-	-	-	-	-	-
33 & 66KV LINES IN ESTRN R	4505	66KV	-	-	-	-	-	-	-	-	-	-
COGEN/RENEW ENGY RESOURCE	4506	115KV	-	-	-	-	-	-	-	-	-	-
ISO 115KV T/L	4513	115KV	-	-	-	-	-	-	-	-	-	-
ETIWANDA-PADUA 220KV LN	4518	220KV	-	-	-	-	-	-	-	-	-	-
MIRA LOMA-WALNUT 220KV LN	4519	220KV	-	-	-	-	-	-	-	-	-	-
LUGO-MIRA LOMA NO. 1&2	4538	500KV	-	-	-	-	-	-	-	-	-	-
DESERT REGION 115KV LINES	4570	115KV	-	-	-	-	-	-	-	-	-	-
DEVERS-VALLEY 500 KV LNS	4587	500KV	-	-	-	-	-	-	-	-	-	-
BAILEY-PARDEE 220 KV LN	4601	220KV	-	-	-	-	-	-	-	-	-	-
ISO 66KV T/L-NORTHERN REG	4603	66KV	-	-	-	-	-	-	-	-	-	-
33&66KV LNS IN NRTHEN T/S	4605	66KV	-	-	-	-	-	-	-	-	-	-
ANTELOPE-MAGUNDEN 220 KV	4607	220KV	-	-	-	-	-	-	-	-	-	-
MOORPARK-PARDEE 200KV LN	4625	220KV	-	-	-	-	-	-	-	-	-	-
ANTELOPE-PARDEE	4644	220KV	3,934,890	-	-	3,934,890	3,934,890	-	-	-	-	-
PARDEE-SYLMAR 220 KV LN	4645	220KV	-	-	-	-	-	-	-	-	-	-
CORONA-JEFFERSON 66 KV LN	4705	66KV	243,215	2,111,150	-	2,354,365	138,481	1,202,044	-	104,734	909,107	-
ANTELOPE-WINDHUB 500KV LN	4708	500KV	16,796,780	-	-	16,796,780	16,796,780	-	-	-	-	-
WINDHUB-HIGHWIND 230KV LN	4709	220KV	3,268,655	-	-	3,268,655	3,268,655	-	-	-	-	-
WHIRLWIND-WINDHUB 500KV L	4711	500KV	71,262	-	-	71,262	71,262	-	-	-	-	-
ANTELOPE - VINCENT #2 500KV	4712	500KV	11,885,452	-	-	11,885,452	11,885,452	-	-	-	-	-
LAGUNA-BELL 220KV	4714	220KV	-	-	-	-	-	-	-	-	-	-
CIMA-ELDO-PIGSH	4717	220KV	-	-	-	-	-	-	-	-	-	-
COLWTR-KRMR;LUGO-VICTR220	4725	220KV	-	-	-	-	-	-	-	-	-	-
LEE VINING-LUNDY 55K 4771	4730	55KV	10,585	-	-	10,585	-	-	-	10,585	-	-
ELDORADO-IVANPAH NO 1&2 - CA	4733	220KV	-	-	-	-	-	-	-	-	-	-
ELDORADO-IVANPAH NO 1&2 - NV	4734	220KV	352,196	-	-	352,196	352,196	-	-	-	-	-
BISHOP CRK55&115KV LINES	4735	115KV	(11)	505,731	-	505,720	-	-	-	(11)	505,731	-
LUGO-MOHAVE 500KV	4740	500KV	-	-	-	-	-	-	-	-	-	-
115 KV LNS, ESTN T/S REG	4750	115KV	16,325,861	285,897	4,024,004	20,635,762	4,570,663	80,041	1,126,578	11,755,198	205,856	2,897,425
LUGO-VICTORVILLE 500KV	4754	500KV	-	-	-	-	-	-	-	-	-	-
DEVERS-SN BRDNO 220 KV LN	4756	220KV	1,079,238	16,401	-	1,095,639	1,079,238	16,401	-	-	-	-
BLYTHE-EAGLE MT 161 KV LN	4759	161KV	33,310	-	-	33,310	33,310	-	-	-	-	-
CONTROL-MORGAN 55 KV LN	4770	55KV	-	-	-	-	-	-	-	-	-	-
HOOVER-CLVTR 115 KV LN	4781	115KV	1,277	-	-	1,277	1,255	-	-	23	-	-
HOOVER-CLVTR 115 KV LN	4782	115KV	165,196	-	-	165,196	165,196	-	-	-	-	-
SERRANO-VILLA PARK 220KV	4889	220KV	-	-	-	-	-	-	-	-	-	-
LUGO-VICTOR 220KV LN	4935	220KV	-	-	-	-	-	-	-	-	-	-
SAN JACINTO REGION 115KV	4950	115KV	-	-	-	-	-	-	-	-	-	-
DEVERS-VALLEY 500KV	4987	500KV	-	-	-	-	-	-	-	-	-	-
BIG CREEK 4-MGNDN 220KV	4221	220KV	-	-	-	-	-	-	-	-	-	-
ANTELOPE-MAGUNDEN 220KV	4707	220KV	-	-	-	-	-	-	-	-	-	-
ANTELOPE-WHIRLWIND 500KV LN	4710	500KV	15,917,279	-	-	15,917,279	15,917,279	-	-	-	-	-
BARRE 1&2-VILLA PARK 220K	4818	220KV	-	-	-	-	-	-	-	-	-	-
ELLIS-HNGTN BCH#1-4 220KV	4820	220KV	-	-	-	-	-	-	-	-	-	-
TOTAL TRANSMISSION SUBSTATIONS			\$ 343,067,391	\$ 970,216,162	\$ 6,022,933,669	\$ 7,336,217,221	\$ 252,494,888	\$ 634,819,321	\$ 3,431,728,536	\$ 90,572,503	\$ 335,396,840	\$ 2,591,205,133

Recalc based on all other TS locations			73.60%	65.43%	56.98%	26.40%	34.57%	43.02%
DIV MTCE / OVERHAUL MNGT	1000	66KV	-	-	6,285	6,285	-	-
MOUNTAINVIEW POWER-COMMON	1250	220KV	-	-	27,266,420	27,266,420	-	-
PALOVERDE-SWITCHYARD	1869	500KV	-	2,465,520	7,901,074	10,366,594	-	-
PV UNIT 1-INCREMENTAL	1870	500KV	-	-	194,959	194,959	-	-
BIG CREEK NO.2	2212	220KV	-	-	1,516,246	1,516,246	-	-
BIG CREEK NO.2A	2234	220KV	-	-	1,031,434	1,031,434	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2018 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353
			Land & Land Rights	Structures & Improvements	Station Equipment		TOTAL	Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements
MET T/S REGION	4300	220kV	-	131,348	14,696	146,044	-	85,942	8,373	-	45,406	6,322
COASTAL T/S REGION	4400	66kV	3,127	433,988	92,729	529,844	2,302	283,961	52,835	826	150,026	39,894
EASTERN T/S REGION	4500	66kV	-	1,650,041	916,891	2,566,931	-	1,079,633	522,423	-	570,407	394,468
NRTHN T/S REGION	4600	66kV	-	1,987,424	-	1,987,424	-	1,300,385	-	-	687,038	-
EASTERN T/S REG	4700	220kV	33,305	522,260	591,382	1,146,948	24,512	341,719	336,956	8,793	180,542	254,426
HUMAN EXTERNAL CARGO TRAINING SITE	4799	66kV	-	321,805	-	321,805	-	210,599	-	-	111,246	-
VAR. TRANS. LINES-S/E DIV	4800	115kV	2,931	1,534,075	711,670	2,248,676	2,157	1,003,756	405,493	774	530,319	306,177
NORTHEASTERN T/S DIV.	4900	66kV	-	71	-	71	-	46	-	-	24	-
SUBSTN DIV	5000	Misc	-	-	3,270,205	3,270,205	-	-	1,863,287	-	-	1,406,918
NO. T/S REG OFC/VALENCIA	5038	Misc	123,342	3,723,403	-	3,846,745	90,779	2,436,249	-	32,563	1,287,154	-
METRO REGION	5100	33kV & Below	-	-	265,939	265,939	-	-	151,526	-	-	114,413
NEENACH SUB	5556	66kV	-	-	408,193	408,193	-	-	232,579	-	-	175,614
BARSTOW NO RGN-SAN BERDOO	6072	CSTM R SVC FAC.	-	7,617	-	7,617	-	4,984	-	-	2,633	-
FRESNO COUNTY	7010	33kV & Below	-	-	-	-	-	-	-	-	-	-
VENTURA COUNTY	7056	33kV & Below	-	-	74,798	74,798	-	-	42,618	-	-	32,180
B&A-T/S 3RD FLOOR-G03	9010	220kV	-	-	823	823	-	-	469	-	-	354
CHINO OFC BLDG (FACILITY)	9024	Misc	-	373,558	-	373,558	-	244,421	-	-	129,136	-
IRVINE OPER CENTER	9078	Misc	-	8,245	-	8,245	-	5,395	-	-	2,850	-
FUELS	9203	Misc	-	-	341,890	341,890	-	-	194,801	-	-	147,089
INNOVATION VILLAGE 1	9221	Div Offices & Misc	-	-	1,509,815	1,509,815	-	-	860,258	-	-	649,557
CONTROL SYS SEC-ALHAMBRA	9243	Div Offices & Misc	-	375,558	2,962,532	3,338,089	-	245,730	1,687,982	-	129,828	1,274,549
TELECOMM-ALHAMBRA	9330	Misc	-	-	108,737	108,737	-	-	61,956	-	-	46,781
CONWAY SUMMIT COMM SITE	9339	Misc	-	-	14,913	14,913	-	-	8,497	-	-	6,416
INTERNAL ORDER	INTERNAL ORDER	Misc	-	-	1,868	1,868	-	-	1,064	-	-	804
CHINO-VILLA PARK 220KV LN		220kV	-	-	-	-	-	-	-	-	-	-
Total Locations Reclac'd			\$ 162,705	\$ 13,534,911	\$ 49,203,498	\$ 62,901,114	\$ 119,749	\$ 8,855,988	\$ 28,035,017	\$ 42,955	\$ 4,678,923	\$ 21,168,481

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission Study Results
 As of December 2018

Location	Description	Voltage	Study	Circuit Miles							Balance by FERC Account (Total Transmission) Current Study						
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356		
4026	MIDWAY-VINCENT LINES 1&2	500	Lines	-	-	225.49	225.49	225.49	225.49	2,910,822	8,464	27,105	22,393,506	741,658	22,941,425		
4031	DWP-EDSN CELILO-SYLMR CA	1000	Lines	8.59	8.59	327.58	327.58	336.18	336.18	-	95,841	-	30,893,739	-	34,499,118		
4034	DWP-EDSN CELILO-SYLMR NV	1000	Lines	-	-	289.73	289.73	289.73	289.73	-	541	-	9,244,971	-	5,631,427		
4045	PARDEE-SYLMAR LNES 1&2	220	Lines	-	-	13.00	13.00	13.00	13.00	187,213	106,089	-	701,607	-	453,192		
4046	EAGLE ROCK-SYLMAR LNE	220	Lines	-	-	1.79	1.79	1.79	1.79	186,657	-	-	214,409	-	62,108		
4051	PARDEE-VINCENT LN 1	220	Lines	-	-	32.33	32.33	32.33	32.33	-	-	-	316,356	-	204,878		
4059	PARDEE-VINCENT LINE CONST	220	Lines	-	-	2.74	2.74	2.74	2.74	13,002	-	-	966,737	-	202,343		
4070	RIO HONDO-VINCENT LN 2	220	Lines	-	-	4.42	4.42	4.42	4.42	61,040	-	-	436,317	-	1,468,658		
4101	MANY TRANSMISSION LINES	220	Lines	-	-	352.20	344.52	352.20	344.52	1,539,568	654,539	98,475	25,388,542	2,072,856	31,413,942		
4102	COGEN/RENEWABLE ENERGY SO	220	Lines	-	-	8.43	4.78	8.43	4.78	1,466,128	-	-	2,912,573	342,739	4,426,542		
4104	DEVERS-HINS LN, OTHERS	220	Lines	0.04	0.04	158.67	150.29	158.71	150.33	1,331,368	82,149	51,006	16,666,213	16,304,327	31,428,655		
4105	33 AND 66 KV LINES	66	Lines	338.81	-	4,642.55	33.74	4,981.36	33.74	33,389,732	11,336,398	2,506,833	19,151,291	912,480,785	260,066,772		
4107	ANTELOPE/MESA LINE, OTHER	220	Lines	-	-	185.66	185.66	185.66	185.66	4,267,463	1,173,407	-	142,961,324	12,130,547	61,857,731		
4108	CHINO-SERRANO/SN ONFRE LN	220	Lines	-	-	169.56	169.56	169.56	169.56	8,072,178	4,334,975	-	15,266,828	1,552,075	14,496,785		
4109	COACHELLA VALLEY-DEVERS (SCE PC	220	Lines	-	-	0.38	0.38	0.38	0.38	-	25,255	-	-	-	467,285		
4111	BIG CRK 3-BIG CRK 4	220	Lines	-	-	5.79	5.79	5.79	5.79	1,944	-	-	133,734	-	284,487		
4113	BIGCRK-SPRGVL, MGDN-SPRGV	220	Lines	-	-	99.30	99.29	99.30	99.29	874,872	23,989	-	20,160,070	77,664,280	16,574,377		
4114	ALAMITOS-MESA LN, OTHERS	220	Lines	-	-	129.55	123.63	129.55	123.63	3,210,534	1,087,163	661,182	14,597,492	2,750,256	11,695,112		
4115	HINSON-LIGHTHIE 1&2	220	Lines	-	-	27.07	27.07	27.07	27.07	1,607,024	616,675	2,149	4,183,107	498,077	2,127,313		
4116	HINSON-LAFRESA, OTHERS	220	Lines	0.95	0.95	90.45	90.45	91.41	91.41	3,594,552	341,590	2,065	3,216,620	11,407,260	7,799,425		
4117	ELDRDO-CIMA-PIGSAH LN1,2	220	Lines	-	-	334.26	334.26	334.26	334.26	1,004,389	56,362	12,857	25,552,509	4,938,337	12,076,607		
4119	CENTER-MESA LN, OTHERS	220	Lines	-	-	131.30	104.46	131.30	104.46	2,101,337	237,691	101	31,662,990	85,176	25,907,671		
4120	ALAMITOS-CENTER, OTHERS	220	Lines	-	-	150.09	133.31	150.09	133.31	4,271,232	506,235	29,998	8,621,812	880,665	7,044,159		
4121	BIG CREEK 4-SPRNGLL-MGDN	220	Lines	-	-	135.41	135.41	135.41	135.41	353,928	55,314	1	17,120,950	3,369,977	9,010,570		
4123	LUGO-VINCENT LNES 1&2	500	Lines	-	-	94.39	94.39	94.39	94.39	1,749,466	-	16,633	13,081,444	103,494	8,112,443		
4124	BIG CRK 1-CMP TEN...-PRTL	66	Lines	-	-	-	-	-	-	485	-	-	48,890	312,251	202,022		
4125	GOLETA-SNTA CLARA, OTHERS	220	Lines	-	-	414.75	308.59	414.75	308.59	11,507,441	1,182,283	1,918	32,302,381	3,123,663	18,242,305		
4127	NORTH BOULDER-MEAD, OTHER	220	Lines	-	-	85.09	53.95	85.09	53.95	19,842	-	-	647,655	462,057	549,803		
4128	LYTLE CREEK-POLE 534694E	66	Lines	-	-	-	-	-	-	-	-	-	1,240	-	1,277		
4129	KERN RIVER3-VESTAL 66 KV	66	Lines	-	-	88.60	-	88.60	-	38,460	-	-	345,087	1,489,401	931,818		
4130	MOHAVE-LUGO 500KV	500	Lines	-	-	9.85	9.85	9.85	9.85	157,990	-	-	1,471,682	-	517,455		
4132	CUMMINGS-KERBN RIV1, OTHE	66	Lines	-	-	3.80	-	3.80	-	3,146	-	-	60,500	175,424	100,414		
4133	BOREL....-WALKER 66KV LN	66	Lines	-	-	38.48	-	38.48	-	53,165	-	-	7,516	11,731,668	661,129		
4136	LUGO-ELDORADO LN	500	Lines	-	-	150.67	150.67	150.67	150.67	1,330,373	-	-	17,938,062	2,050,363	10,609,936		
4137	LUGO-ELDORADO LN	500	Lines	-	-	26.51	26.51	26.51	26.51	16,589	-	-	3,643,443	-	4,529,049		
4138	LUGO-MIRA LOMA 2&3	500	Lines	-	-	97.51	97.51	97.51	97.51	9,588,512	3,063,534	567,799	29,110,209	118,240	18,451,745		
4139	SPRGVL-TULE 66KV LN	66	Lines	-	-	2.39	-	2.39	-	517	-	-	-	984,560	157,660		
4140	MOHAVE-LUGO 500 KV LN	500	Lines	-	-	165.96	165.96	165.96	165.96	278,112	7,296	-	17,293,734	1,513,721	10,310,625		
4141	MOHAVE-ELDORADO LN	500	Lines	-	-	59.39	59.39	59.39	59.39	76,199	-	-	4,434,062	-	1,251,359		
4142	BOREL-WELDON 66KV LN	66	Lines	-	-	31.50	-	31.50	-	25,409	-	-	-	5,013,516	1,239,280		
4143	ELDORADO-BORDER 500 KV LN	500	Lines	-	-	29.65	29.65	29.65	29.65	6,167	-	-	4,052,185	-	1,880,705		
4144	ELDORADO-MEAD LNS 1&2	220	Lines	-	-	30.64	30.64	30.64	30.64	9,994	-	-	473,674	358,194	429,215		
4147	VINCENT-PARDEE LN 2	220	Lines	-	-	29.69	29.69	29.69	29.69	3,884,037	-	1,880	2,765,700	-	12,521,227		
4148	MIRA LOMA-SERRANO LN	500	Lines	-	-	39.46	39.46	39.46	39.46	1,700,240	-	-	22,356,623	-	7,820,620		
4149	SANTA ANA LNS 1,2,3	66	Lines	-	-	3.99	-	3.99	-	232	-	-	-	60,363	26,752		
4153	VINCENT-PEARBLOSSOM LN	220	Lines	-	-	13.13	-	13.13	-	309,032	-	-	60,375	1,200,430	308,138		
4154	LUGO-VICTORVLL EDSON-DWP	500	Lines	-	-	7.57	7.57	7.57	7.57	748,912	51,478	-	1,527,713	-	759,625		
4155	MIDWAY-VINCENT LN 3	500	Lines	-	-	60.24	60.24	60.24	60.24	5,825,616	-	-	20,953,606	1,757,686	7,511,408		
4156	ELLIS-SANTIAGO LNS 1,2	220	Lines	-	-	29.49	29.49	29.49	29.49	12,019,808	-	-	2,262,700	6,476,819	2,971,326		
4157	RIO HONDO-VINCENT NO. 2 220/50C	220	Lines	-	-	48.18	48.18	48.18	48.18	105,605	18,610	-	266,387,838	17,174,186	65,308,264		
4158	LUCERNE-LUGO/MIRA LOMA LN	500	Lines	-	-	1.00	1.00	1.00	1.00	498,252	-	-	-	-	-		
4166	BIG CRK 2-BIG CRK 8	220	Lines	-	-	9.03	9.03	9.03	9.03	9,034	-	-	164,051	-	136,431		
4168	BIG CRK 3-MAMMOTH POOL	220	Lines	-	-	6.50	-	6.50	-	4,331	523,515	-	262,365	-	526,631		
4169	BIG CRK 1-RECTOR, OTHER	220	Lines	-	-	372.22	362.80	372.22	362.80	11,554,667	692,660	2,701	14,673,088	17,894,740	49,964,737		
4185	DEVERS-PALO VERDE	500	Lines	-	-	243.10	243.10	243.10	243.10	14,776,950	-	-	294,481,783	2,866,726	138,418,320		
4186	DEVERS-PALO VERDE	500	Lines	-	-	112.05	112.05	112.05	112.05	1,193,710	-	-	22,930,180	-	24,561,685		
4187	DEVERS-VALLEY LNS 1,2	500	Lines	-	-	83.20	83.20	83.20	83.20	10,441,139	192,106	-	222,122,578	306,070	48,902,440		
4188	SERRANO-VALLEY LN	500	Lines	-	-	40.80	40.80	40.80	40.80	2,855,109	267,678	-	25,551,539	514,984	14,833,343		
4189	SERRANO-VILLA PK LN 1,2,3	220	Lines	-	-	6.50	6.50	6.50	6.50	78,248	37,274	-	1,521,458	-	1,397,144		
4191	VALLEY-INLAND 500KV TL	500	Lines	-	-	-	-	-	-	-	-	-	3,058	12,338	4,980		

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission Study Results
 As of December 2018

Location	Description	Voltage	Study	Circuit Miles							Balance by FERC Account (Total Transmission) Current Study					
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO		350	352	353	354	355	356
4193	BIG CRK 1-EASTWOOD	220	Lines	-	-	4.66	-	4.66	-	-	-	25,798	-	11,981,276	382,193	-
4207	E.MAGUNDEN-ANTELOPE 220KV	220	Lines	-	-	-	-	-	-	-	-	3,150	-	-	-	-
4211	BIG CREEK #3/#4 220KV LIN	220	Lines	-	-	5.79	5.79	5.79	5.79	-	-	131,348	14,696	-	212,589	-
4300	MET T/S REGION	66	Lines	-	-	-	-	-	-	-	-	25,733,774	2,467,564	-	381,010,049	75,786,919
4400	COASTAL T/S REGION	66	Lines	-	-	-	-	-	-	-	3,127	433,988	92,729	-	15,952,358	96,096
4500	EASTERN T/S REGION	66	Lines	-	-	-	-	-	-	-	-	1,650,041	916,891	521,867	596,899	1,526,137
4600	NRTHN T/S REGION	66	Lines	-	-	-	-	-	-	-	-	1,987,424	-	-	600,851	129
4644	ANTELOPE-PARDEE	220	Lines	-	-	26.39	26.39	26.39	26.39	-	-	3,934,890	-	-	86,011,136	7,668,801
4700	EASTERN T/S REG	66	Lines	-	-	-	-	-	-	-	33,305	522,260	591,382	48	331,045	48
4705	CORONA-JEFFERSON 66 KV LN	55	Lines	0.22	-	105.29	60.08	105.51	60.08	-	-	243,215	2,111,150	-	16,724,757	2,896,288
4708	ANTELOPE-WINDHUB 500KV LN	500	Lines	-	-	25.45	25.45	25.45	25.45	-	-	16,796,780	-	-	14,032,500	30,806,236
4709	WINDHUB-HIGHWIND 230KV LN	220	Lines	-	-	9.60	9.60	9.60	9.60	-	-	3,268,655	-	-	33,222,665	-
4710	ANTELOPE-WHIRLWIND 500KV LN	500	Lines	-	-	14.49	14.49	14.49	14.49	-	-	15,917,279	-	-	41,810,447	-
4711	WHIRLWIND-WINDHUB 500KV L	500	Lines	-	-	16.13	16.13	16.13	16.13	-	-	71,262	-	-	56,720,609	(10,509)
4712	ANTELOPE - VINCENT #2 500KV	500	Lines	-	-	34.82	34.82	34.82	34.82	-	-	11,885,452	-	-	167,665,138	6,874,070
4716	ANTELOPE-VINCENT #1 500 KV	500	Lines	-	-	-	-	-	-	-	-	-	-	-	237,004	-
4730	LEE Vining-Lundy 55K 4771	55	Lines	-	-	7.22	-	7.22	-	-	10,585	-	-	159,885	461,329	298,967
4731	POOLE-LEE Vining 115KV LI	115	Lines	-	-	6.34	-	6.34	-	-	-	-	-	-	206,907	40,739
4732	RUSH CRK-LEE Vining 115KV	115	Lines	-	-	15.25	-	15.25	-	-	-	-	-	-	481,187	217,972
4733	ELDORADO-IVANPAH NO 1&2 - CA	220	Lines	-	-	10.32	10.32	10.32	10.32	-	-	-	-	-	25,282,715	1,219,314
4734	ELDORADO-IVANPAH NO 1&2 - NV	220	Lines	-	-	58.48	58.48	58.48	58.48	-	-	352,196	-	-	49,174,369	666,768
4755	WHIRLWIND--VINCENT&MIDWAY SC	500	Lines	-	-	-	-	-	-	-	-	-	-	(94,837)	-	-
4756	DEVERS-SN BRDNO 220 KV LN	220	Lines	-	-	120.31	120.31	120.31	120.31	-	-	1,079,238	16,401	-	6,958,865	568,180
4759	BLYTHE-EAGLE MT 161 KV LN	161	Lines	-	-	52.88	52.88	52.88	52.88	-	-	33,310	-	-	-	2,770,000
4781	HOOVER-CLWTR 115 KV LN	115	Lines	-	-	21.00	20.62	21.00	20.62	-	-	1,277	-	-	98,307	43,204
4782	HOOVER-CLWTER 115 KV LN	115	Lines	-	-	72.74	72.74	72.74	72.74	-	-	165,196	-	-	327,795	1,746,964
4792	COGEN/RENEW ENGY 220KV & ABC	220	Lines	-	-	-	-	-	-	-	-	-	-	-	-	106,127
4799	HUMAN EXTERNAL CARGO TRAINING	66	Lines	-	-	-	-	-	-	-	-	-	-	-	-	548,749
4800	VAR. TRANS. LINES-S/E DIV	66	Lines	-	-	-	-	-	-	-	-	321,805	-	-	2,640,369	-
4900	NORTHEASTERN T/S DIV.	66	Lines	-	-	-	-	-	-	-	-	-	-	-	1,166,678	1,226,842
4106	COGEN/RENEW ENGY SOURCES	115	Lines	-	-	20.50	-	20.50	-	-	-	195,038	-	-	-	5,598,769
4106	COGEN/RENEW ENGY SOURCES	66	Lines	5.71	-	32.98	-	38.69	-	-	-	368,083	-	-	-	10,566,186
4118	MRA LMA-VLL PK LNS, OTHR	220	Lines	-	-	155.75	132.05	155.75	132.05	-	-	5,473,685	774,149	2,204	18,840,608	506,655
4118	MRA LMA-VLL PK LNS, OTHR	66	Lines	-	-	3.92	-	3.92	-	-	-	137,779	19,486	55	474,240	12,753
4135	LUGO-VICTOR LNS, OTHER	220	Lines	-	-	206.15	117.41	206.15	117.41	-	-	1,778,456	110,669	-	7,988,304	1,225,345
4135	LUGO-VICTOR LNS, OTHER	115	Lines	-	-	49.48	49.48	49.48	49.48	-	-	426,836	26,561	-	1,917,224	294,087
4735	BISHOP CRK55&115KV LINES	115	Lines	-	-	4.46	-	4.46	-	-	(4)	173,599	-	4,008	306,862	63,132
4735	BISHOP CRK55&115KV LINES	55	Lines	-	-	8.53	-	8.53	-	-	(7)	332,133	-	7,669	587,095	120,785
4750	115 KV LNS, ESTN T/S REG	115	Lines	13.89	0.22	1,630.55	464.57	1,644.44	464.79	-	-	16,171,294	283,190	3,985,906	4,307,107	189,324,162
4750	115 KV LNS, ESTN T/S REG	66/55/33	Lines	-	-	15.72	-	15.72	-	-	-	154,567	2,707	38,098	41,168	1,809,578
2236	BIG CREEK NO.4	220	100% Subs	Allocated according to substation percentage							-	43,064	4,684,168	-	-	-
2570	INYO	220	100% Subs	Allocated according to substation percentage							-	287,755	4,197,276	-	-	-
5001	METRO GOM MAINT	500	100% Subs	Allocated according to substation percentage							-	-	31,531,834	-	-	-
5019	HARBORGEN SUB	220	100% Subs	Allocated according to substation percentage							-	18,729	3,991,930	-	-	-
5026	EL SEGUNDO SWITCHRACK SUB	220	100% Subs	Allocated according to substation percentage							-	12,470	102,005	2,244,645	-	-
5032	MIDWAY SUB	500	100% Subs	Allocated according to substation percentage							-	396,679	190,211	-	-	-
5036	PASTORIA SUB	220	100% Subs	Allocated according to substation percentage							-	21,435	1,279,909	12,338,955	-	-
5044	CLWTR SWITCHRACKS 1,2	115	100% Subs	Allocated according to substation percentage							-	-	1,476,690	-	-	-
5045	MOHAVE SWITCHRACK	500	100% Subs	Allocated according to substation percentage							-	-	3,417,990	8,435,508	-	-
5047	RANCHO VISTA SUB	500	100% Subs	Allocated according to substation percentage							-	1,844,367	22,798,974	154,023,684	-	-
5054 & 895- Vincent	500	100% Subs	Allocated according to substation percentage							-	-	17,324,279	27,870,106	226,612,392	-	-
5058	SYLMAR SUB	220	100% Subs	Allocated according to substation percentage							-	19,757	1,948,141	-	-	-
5061	LUGO SUB	500	100% Subs	Allocated according to substation percentage							-	90,981	23,677,879	150,236,369	-	-
5065	PISGAH SUB	220	100% Subs	Allocated according to substation percentage							-	556,209	4,722,905	-	-	-
5089	LEWIS SUB	220	100% Subs	Allocated according to substation percentage							-	1,444	192,580	5,383,835	-	-
5091	MEAD SUB	500	100% Subs	Allocated according to substation percentage							-	-	-	12,306	-	-
5092	MOENKOPI SUB	500	100% Subs	Allocated according to substation percentage							-	-	-	1,516,885	-	-
5094	EAST SERIES CAPACITORS 1	500	100% Subs	Allocated according to substation percentage							-	857,212	8,323,790	-	-	-

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Location	Description	Voltage	Study	Circuit Miles						Balance by FERC Account (Total Transmission) Current Study					
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356
5097	PALO VERDE SWITCHRACK SUB	500	100% Subs	<i>Allocated according to substation percentage</i>						-	486,323	7,815,158	-	-	-
8060	WHIRLWIND SUB	500	100% Subs	<i>Allocated according to substation percentage</i>						-	36,283,394	188,631,986	-	-	-
8084	HIGHWIND SUB	220	100% Subs	<i>Allocated according to substation percentage</i>						-	5,712,271	4,035,892	-	-	-
8367	COLORADO RIVER SUB	500	100% Subs	<i>Allocated according to substation percentage</i>						-	39,961,276	135,820,364	-	-	-
8372	PRIMM SUBSTATION	220	100% Subs	<i>Allocated according to substation percentage</i>						-	11,876,358	19,288,758	-	-	-
8960	WEST TRANSITION	500	100% Subs	<i>Allocated according to substation percentage</i>						-	17,191,245	13,336,171	-	-	-
8932	MIDWAY-PAC INTERTIE	500	100% Subs	<i>Allocated according to substation percentage</i>						-	162,585	13,930,693	-	-	-
8950	PARDEE-PAC INTERTIE	220	100% Subs	<i>Allocated according to substation percentage</i>						-	55,269	942,130	-	-	-
9219	RP&AS,LND&ESMTN REQUIS	220	100% Subs	<i>Allocated according to substation percentage</i>						8,633,706	45,883	-	-	-	-
5090	EL DORADO SUB(NEVADA)	500	100% Subs	<i>Allocated according to substation percentage</i>						13,183	35,514,014	196,185,878	-	-	-
5080	SERRANO SUB	500	100% Subs	<i>Allocated according to substation percentage</i>						1,226,475	28,476,678	193,625,629	-	-	-
5093	WEST SERIES CAPACITORS	500	100% Subs	<i>Allocated according to substation percentage</i>						-	1,782,300	45,897,215	-	-	-
8958	SYLMAR-PAC INTERTIE	220	100% Subs	<i>Allocated according to substation percentage</i>						51,663	7,758,498	120,773,733	2,505,376	-	359,913
5010	T.M. GOODRICH SUB-PASADEN	220	100% Subs	<i>Allocated according to substation percentage</i>						-	643,112	35,398	-	-	-
5018	DRY CREEK WIND SUB	220	100% Subs	<i>Allocated according to substation percentage</i>						-	(0)	0	-	-	-
8363	IVANPAH SUB	220	100% Subs	<i>Allocated according to substation percentage</i>						-	13,019,051	33,195,631	-	-	-
8369	RED BLUFF SUB	500	100% Subs	<i>Allocated according to substation percentage</i>						-	93,373,929	111,627,933	-	-	-
INTERNAL ORDER INTERNAL ORDER				0% Subs	<i>Allocated according to substation percentage</i>						-	-	1,868	-	-
1451	EDISON ITAC	Misc	0% Subs	<i>Allocated according to substation percentage</i>						-	-	35,855	-	-	-
2150	MAMMOTH POOL LAKE-FP 2085	220	0% Subs	<i>Allocated according to substation percentage</i>						-	-	24,016	-	-	-
2202	BIG CREEK CANYON	220	0% Subs	<i>Allocated according to substation percentage</i>						-	-	1,641,022	-	-	-
2237	PORTAL POWER PLANT	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	68,246	-	-	-
2238	MAMMOTH POOL	220	0% Subs	<i>Allocated according to substation percentage</i>						-	-	2,840,762	-	-	-
2239	EASTWOOD POWER STATION	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	627,754	4,940,311	-	-	-
2300	HYDRO PRODUCTION	Misc	0% Subs	<i>Allocated according to substation percentage</i>						-	-	10,367	-	-	-
2301	SNTA ANA RV&MILL CRK CNYN	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	421,924	-	-	-
2303	LYTLE CRK&SN ANTONIO CNYN	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	140,226	-	-	-
2305	KERN RIVER CANYON	66kV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	692,140	-	-	-
2307	KAWeah RIVER CANYON	66kV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	572,929	-	-	-
2309	SAN GORGONIO CANYON	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	193,975	-	-	-
2313	KERN RIVER NO.1	66kV	0% Subs	<i>Allocated according to substation percentage</i>						-	4,184	589,036	-	-	-
2314	BOREL	66kV	0% Subs	<i>Allocated according to substation percentage</i>						-	1,383	259,591	-	-	-
2315	SANTA ANA NO.1	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	36,406	-	-	-
2317	SANTA ANA NO.3	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	14,930	-	-	-
2318	MILL CREEK NO.1	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						1,464	-	7,316	-	-	-
2319	MILL CREEK NO.2&3	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	52,080	-	-	-
2324	KAWeah NO.1	66kV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	48,507	-	-	-
2325	KAWeah NO.2	66kV	0% Subs	<i>Allocated according to substation percentage</i>						-	2,694	49,126	-	-	-
2326	KAWeah NO.3	66kV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	57,269	-	-	-
2327	LOWER TULE RIVER	66kV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	50,834	-	-	-
2328	KERN RIVER NO.3	66kV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	460,723	-	-	-
2331	ONTARIO NO.1	66kV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	205,914	-	-	-
2500	EASTERN HYDRO REGION	55kV	0% Subs	<i>Allocated according to substation percentage</i>						-	7,254	-	-	-	-
2501	BISHOP CREEK CANYON	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	705,804	-	-	-
2503	MONO BASIN	115	0% Subs	<i>Allocated according to substation percentage</i>						-	-	196,344	-	-	-
2560 & 251	Lundy	55kV	0% Subs	<i>Allocated according to substation percentage</i>						-	317,627	5,816,830	-	-	-
2512	POOLE	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	120,052	-	-	-
2514	RUSH CREEK	115	0% Subs	<i>Allocated according to substation percentage</i>						-	-	175,912	-	-	-
2522	BISHOP CREEK NO.2	55kV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	80,487	-	-	-
2523	BISHOP CREEK NO.3	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	1,841,377	-	-	-
2524	BISHOP CREEK NO.4	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	86,641	-	-	-
2525	BISHOP CREEK NO.5	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	43,037	-	-	-
2526	BISHOP CREEK NO.6	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	39,098	-	-	-
2553	FISH LAKE VALLEY METERING	55kV	0% Subs	<i>Allocated according to substation percentage</i>						-	1,343	12,150	-	-	-
2557	CASA DIABLO	115	0% Subs	<i>Allocated according to substation percentage</i>						2,119	290,687	4,738,172	-	-	-
2561	LEE VINVING	115	0% Subs	<i>Allocated according to substation percentage</i>						344	261,722	2,099,225	-	-	-
2571	SHERWIN	115	0% Subs	<i>Allocated according to substation percentage</i>						-	100,772	1,207,512	-	-	-
2582	ZACK	55kV	0% Subs	<i>Allocated according to substation percentage</i>						400,881	-	655,406	-	-	-
2598	MT. TOM	55kV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	(230)	-	-	-

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Location	Description	Voltage	Study	Circuit Miles					
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO
3717	DAF INDAL 500KW WND TURBN	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5016	LEBEC SUBSTATION	220	0% Subs	<i>Allocated according to substation percentage</i>					
5022	ARCOGEN SUB	220	0% Subs	<i>Allocated according to substation percentage</i>					
5046	CLWTR SWITCHRACK 3,4 SUB	220	0% Subs	<i>Allocated according to substation percentage</i>					
5048	MANDALAY SWITCHRACK SUB	220	0% Subs	<i>Allocated according to substation percentage</i>					
5049	ORMOND BCH SWITCHRACK SUB	220	0% Subs	<i>Allocated according to substation percentage</i>					
5051	SAUGUS SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5066	GENE SUB	220	0% Subs	<i>Allocated according to substation percentage</i>					
5068	CAMINO SUB	220	0% Subs	<i>Allocated according to substation percentage</i>					
5072	VELASCO SUB	220	0% Subs	<i>Allocated according to substation percentage</i>					
5078	HUNTINGTON BCH SWITCHRCK	220	0% Subs	<i>Allocated according to substation percentage</i>					
5095	TRITON SUB	115	0% Subs	<i>Allocated according to substation percentage</i>					
5101	ALHAMBRA SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5107	BANDINI SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5109	BICKNELL SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5112	THUMSGEN SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5116	RUSH SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5141	ROSEMEAD SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5158	ARROYO SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5161	AMADOR SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5162	FAIR OAKS SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5165	JPL SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5167	MAYFLOWER SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5170	TEMPLE SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5178	KIRKWALL SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5179	RAVENDALE SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5185	CITRUS SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5186	CORTEZ SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5196	RAILROAD SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5198	ALHAMBRA DIST SUB TRG FAC	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5204	CULVER CITY SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5207	SEPULVEDA SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5211	INGLEWOOD SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5213	LENNOX SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5224	PEARL SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5235	WINDSOR HILLS SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5236	VALDEZ SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5238	LAWNDALE SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5241	YUKON SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5250	SAWTELLE SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5257	BRIDGE SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5259	STIRRUP SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5273	STANHILL SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5315	LAUREL SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5325	STRATHMORE SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5333	WOODVILLE SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5352	LINE CREEK SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5357	CUMMINGS SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5358	MONOLITH SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5365	ACTON SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5374	RIVERWAY SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5375	MASCOT SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5504	CASITAS SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5506	CHANNEL ISLANDS SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5507	ORTEGA SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5508	DEL SUR SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5510	FILLMORE SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5511	GOLDTOWN SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5514	LANCASTER SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					
5518	LITTLE ROCK SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>					

Balance by FERC Account (Total Transmission) Current Study					
350	352	353	354	355	356
714	-	-	-	-	-
-	-	15,138	-	-	-
-	-	963,824	-	-	-
49,136	156,227	3,179,929	-	-	-
49,104	29,546	2,561,161	-	-	-
158,170	34,483	5,924,405	-	-	-
13,373	5,436,194	76,074,367	-	-	-
-	30,050	2,168,142	-	-	-
-	12,697	4,246,840	-	-	-
-	-	155,442	-	-	-
21,660	146,324	4,891,312	-	-	-
2,415,092	2,377,770	26,471,314	-	-	-
-	83,447	2,771,763	-	-	-
4,583	16,136	-	-	-	-
3,995	-	-	-	-	-
-	11,112	-	-	-	-
-	-	37,984	-	-	-
-	16,955	31,589	-	-	-
-	57,470	-	-	-	-
-	25,705	2,046,562	-	-	-
-	61,262	-	-	-	-
-	41,604	-	-	-	-
-	29,751	-	-	-	-
-	25,054	17,794	-	-	-
-	14,955	-	-	-	-
-	58,264	17,508	-	-	-
-	-	24,710	-	-	-
-	44,342	-	-	-	-
4,415	-	-	-	-	-
-	70,183	-	-	-	-
-	14,957	-	-	-	-
-	14,955	-	-	-	-
-	-	0	-	-	-
-	-	14,882	-	-	-
-	15,418	74,641	-	-	-
-	-	31,030	-	-	-
-	-	111,576	-	-	-
-	234	1,261,397	-	-	-
24,167	-	15,397	-	-	-
801,825	-	-	-	-	-
573,588	-	-	-	-	-
-	-	(251)	-	-	-
-	116,483	-	-	-	-
-	-	30,102	-	-	-
-	-	424,747	-	-	-
-	5,566	-	-	-	-
-	-	526,259	-	-	-
-	-	1,071,949	-	-	-
-	-	1,690,353	-	-	-

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 As of December 2018

Location	Description	Voltage	Study	Circuit Miles						Balance by FERC Account (Total Transmission) Current Study					
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356
5522	SHUTTLE SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	911,750	-	-	-
5526	OJAI SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	13,050	-	-	-	-
5530	REDMAN WUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	299,056	-	-	-
5531	SANTA BARBARA SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	40,153	-	-	-	-
5538	VENTURA SUB	3KV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	52,076	-	-	-	-
5539	ANAVERDE SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	76,359	-	-	-
5541	ROSAMOND SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	658,870	-	-	-
5545	PIUTE SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	11,023	149,257	-	-	-
5546	ELIZABETH LAKE SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	3,072	-	-	-
5547	CORUM SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	-	-	-	-
5548	OASIS SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	397,008	-	-	-
5553	CAL CEMENT SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	15,551	367,757	-	-	-
5557	NEWBURY SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	692,110	-	-	-
5562	GRISWOLD SUB	3KV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	-	-	-	-
5564	PALMDALE SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	603,424	-	-	-
5566	QUARTZ HILL SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	11,023	220,467	-	-	-
5599	HELIET SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	499,396	-	-	-
5601	RANDALL SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	20,403	56,150	-	-	-
5606	ORANGE PRODUCTS SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	13,596	-	-	-	-
5612	INLAND CONTAINER SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	20,750	-	-	-	-
5615	DECLEZ SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	23,032	-	-	-
5631	SAN ANTONIO SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	7,606	-	-	-
5646	COLTON CEMENT SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	43,167	-	-	-	-
5652	AMERON SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	531,131	-	-	-
5655	NOGALES SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	16,835	525,170	-	-	-
5659	ARCHIBALD SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	206,393	-	-	-
5664	WIMBLEDON SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	1,282	17,343	-	-	-
5670	DEL ROSA SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	17,327	-	-	-
5674	WHIPPLE SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	8,714	-	-	-	-
5678	LANDING SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	14,661	-	-	-	-
5740	NAPLES SUBSTATION	3KV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	114,340	-	-	-
5758	WATSON SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	3,790	-	-	-
5787	SOUTH GATE SUBSTATION	3KV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	17,255	-	-	-
5788	BOVINE SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	17,101	-	-	-
5798	MOVIE SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	1,963	17,658	-	-	-
5811	CHIQUITA SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	58,207	-	-	-
5814	CARMENITA SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	14,314	146,427	-	-	-
5816	PARKWOOD SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	93,280	-	-	-	-
5828	WAVE SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	-	-	-	-
5842	OCEANVIEW SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	58,101	-	-	-
5843	ORANGE SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	423,768	1,592,773	-	-	-
5849	SANTA ANA SUBSTATION	3KV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	6,882	-	-	-	-
5853	TALBERT SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	24,273	-	-	-
5860	ALTON SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	241,262	-	-	-	-
5862	SULLIVAN SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	230,879	-	-	-
5865	ESTRELLA SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	41,148	-	-	-
5869	SHAWNEE SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	17,289	-	-	-
5878	TUSTIN SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	11,308	-	-	-	-
5892	TELEGRAPH SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	12,346	96,987	-	-
5896	NIGUEL SUBSTATION	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	-	21,384	-	-	-
5902	LAS LOMAS SUB	66KV	0% Subs	<i>Allocated according to substation percentage</i>						-	4,664,177	-	-	-	-
7013	IMPERIAL COUNTY	115	0% Subs	<i>Allocated according to substation percentage</i>						-	-	-	1,702	-	-
8003	PAUBA(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	106,825	764,114	8,411,110	-	-
8004	THORNHILL(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	25,609	996,193	9,379,205	-	-
8005	STADLER(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	139,611	786,164	11,193,383	-	-
8009	PAN AERO (CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	-	-	641,248	-	-
8010	PHELAN(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	154,446	751,072	7,063,296	-	-
8011	BANWIND SUBSTATION	115	0% Subs	<i>Allocated according to substation percentage</i>						-	-	-	32,028	-	-
8013	APPLE VALLEY(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	-	1,389,452	10,366,982	-	-
8014	BUNKER(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	969,397	1,477,013	15,118,416	-	-

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Location	Description	Voltage	Study	Circuit Miles						Balance by FERC Account (Total Transmission) Current Study					
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356
8016	FARREL(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	663,093	12,051,464	-	-	-
8017	CONCHO(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						285,201	672,863	9,265,159	-	-	-
8018	AULD(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						83,538	1,177,450	18,314,311	-	-	-
8019	MAXWELL(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						33,940	479,789	8,777,447	-	-	-
8020	SAVAGE(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						29,280	1,477,177	15,652,689	-	-	-
8021	PEPPER(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						17,579	483,962	10,204,080	-	-	-
8022	YUCCA(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						19,474	645,122	11,737,770	-	-	-
8023	BLACK MOUNTAIN(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	12,014	912,016	-	-	-
8024	ALESSANDRO(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						45,514	2,703,528	23,621,759	-	-	-
8025	BAKER(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	211,976	2,793,347	-	-	-
8026	BANNING(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						20,210	1,557,931	16,216,180	-	-	-
8027	COTTONWOOD(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						22,426	1,796,115	11,231,874	-	-	-
8028	EDWARDS(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	37,679	2,862,027	-	-	-
8029	HI DESERT(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						1,154,541	1,724,370	19,974,853	-	-	-
8030	MOUNTAIN PASS(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						70,286	26,523	4,666,603	-	-	-
8031	RANDSBURG(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						116	337,116	6,015,296	-	-	-
8032	ROCKET TEST(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	18,045	283,935	-	-	-
8033	SEARLES(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	361,473	6,359,540	-	-	-
8035	ZANJA(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						152,559	1,663,455	10,118,084	-	-	-
8036	SANTA ROSA(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						44,689	464,965	21,490,547	-	-	-
8038	NELSON(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						22,819	712,388	14,308,425	-	-	-
8039	HOMART(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						174,875	425,577	5,358,686	-	-	-
8041	HOLGATE(CEP) SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						27,167	347,967	3,252,416	-	-	-
8042	CALECTRIC SUB (CEP)	115	0% Subs	<i>Allocated according to substation percentage</i>						27,870	2,639,595	22,394,503	-	-	-
8044	GARNET SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						38,081	1,730,514	13,014,415	-	-	-
8045	IID TIE SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						39,144	-	23,873	-	-	-
8047	TIEFORT SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	218,704	1,530,163	-	-	-
8048	USBR BLYTHE SUB	161	0% Subs	<i>Allocated according to substation percentage</i>						-	64,707	7,818,707	-	-	-
8055	SN ONOFRE SWTRHK-100%SCE	220	0% Subs	<i>Allocated according to substation percentage</i>						-	1,629,530	10,597,913	-	-	-
8059	PUREWATER SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	175,506	1,357,312	-	-	-
8061	SEAWIND T/S	115	0% Subs	<i>Allocated according to substation percentage</i>						2,976	463	312,727	-	-	-
8064	TIFFANYWIND SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	-	11,459	-	-	-
8072	CARODEAN	115	0% Subs	<i>Allocated according to substation percentage</i>						-	562,701	10,062,252	-	-	-
8073	IVYGLEN SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						166,697	1,117,641	9,458,907	-	-	-
8074	COOL WATER SWITCHRACK 1,2	220	0% Subs	<i>Allocated according to substation percentage</i>						-	61,762	1,927,048	-	-	-
8075	HIGHGROVE SWITCHRCK	115	0% Subs	<i>Allocated according to substation percentage</i>						7,139	178,624	2,016,862	-	-	-
8079	AQUEDUCT SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						2,880	925,853	10,582,220	-	-	-
8082	MENTONE SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						161,883	788,697	7,266,910	-	-	-
8086	CAJALCO SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						25,836	950,321	11,577,227	-	-	-
8087	HESPERIA SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						22,150	397,908	7,916,357	-	-	-
8088	SKYLARK SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						81,206	403,653	9,802,640	-	-	-
8089	MAYBERRY SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						23,090	444,857	13,745,284	-	-	-
8090	PERMANENTE SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	-	87,113	-	-	-
8091	ELCENTRO TELEMMTERING	161	0% Subs	<i>Allocated according to substation percentage</i>						-	-	15,844	-	-	-
8092	NILAND TELEMMETERING	161	0% Subs	<i>Allocated according to substation percentage</i>						-	-	6,807	-	-	-
8093	SHANDIN SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						42,272	750,747	11,189,236	-	-	-
8094	ARROWHEAD SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	442,875	5,489,263	-	-	-
8095	STETSON SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						23,493	718,412	7,918,884	-	-	-
8097	DUNN SIDING SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						4,913	99,723	722,246	-	-	-
8099	TAMARISK SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						125,967	379,583	12,561,144	-	-	-
8102	AMARGO SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	-	-	-	-
8104	FARRELL SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						-	-	-	-	-	-
8110	BARSTOW SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	6,894	59,447	-	-	-
8113	BLYTHE SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	22,511	440,016	-	-	-
8117	BRYMAN SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	-	7,083	-	-	-
8120	MILITARY SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	15,598	-	-	-	-
8132	CAL CITY SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	6,894	-	-	-	-
8137	DOWNS SUB	115	0% Subs	<i>Allocated according to substation percentage</i>						82,401	5,781,510	17,032,878	-	-	-
8152	GLEN IVY SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	15,642	27,225	-	-	-
8163	HELENDALE SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>						-	15,110	81,054	-	-	-

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Location	Description	Voltage	Study	Circuit Miles					
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO
8179	Lakeview	115	0% Subs	<i>Allocated according to substation percentage</i>					
8182	BOTTLE SUB	115	0% Subs	<i>Allocated according to substation percentage</i>					
8190	MINNEOLA SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8193	MORENO SUB	115	0% Subs	<i>Allocated according to substation percentage</i>					
8195	MURRIETA 2 SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8197	SOUTHCAP SUB.	115	0% Subs	<i>Allocated according to substation percentage</i>					
8198	MUSCOY SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8204	BELDING SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8212	ORO GRANDE SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8214	PALM CANYON SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8220	LUCERNE SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8222	RANCHO SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8225	RIALTO SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8226	RIDGECREST SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8234	SAN JACINTO SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8250	TEMESCAL SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8260	VICTORVILLE SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8267	WILDE SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8268	YERMO SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8270	TENAJA SUBSTATION	115	0% Subs	<i>Allocated according to substation percentage</i>					
8273	IRON MT SCE	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8283	GALE SUB	115	0% Subs	<i>Allocated according to substation percentage</i>					
8294	GOLD HILL SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8301	BUCKWIND	115	0% Subs	<i>Allocated according to substation percentage</i>					
8302	CAPWIHND	115	0% Subs	<i>Allocated according to substation percentage</i>					
8303	RENWIND	115	0% Subs	<i>Allocated according to substation percentage</i>					
8304	SANWIND	115	0% Subs	<i>Allocated according to substation percentage</i>					
8305	TRANSWIND	115	0% Subs	<i>Allocated according to substation percentage</i>					
8306	VENWIND	115	0% Subs	<i>Allocated according to substation percentage</i>					
8308	ALTWIND	115	0% Subs	<i>Allocated according to substation percentage</i>					
8310	TERAWIND	115	0% Subs	<i>Allocated according to substation percentage</i>					
8311	INDIGO SUBSTATION	115	0% Subs	<i>Allocated according to substation percentage</i>					
8312	CALGEN	115	0% Subs	<i>Allocated according to substation percentage</i>					
8314	MCGEN	115	0% Subs	<i>Allocated according to substation percentage</i>					
8320	SEGS II	115	0% Subs	<i>Allocated according to substation percentage</i>					
8321	SEGS III	115	0% Subs	<i>Allocated according to substation percentage</i>					
8322	SEGS IV	115	0% Subs	<i>Allocated according to substation percentage</i>					
8323	SEGS V	115	0% Subs	<i>Allocated according to substation percentage</i>					
8324	SEGS VI	115	0% Subs	<i>Allocated according to substation percentage</i>					
8325	SEGS VII	115	0% Subs	<i>Allocated according to substation percentage</i>					
8326	SEGS VIII	220	0% Subs	<i>Allocated according to substation percentage</i>					
8327	SEGS IX	220	0% Subs	<i>Allocated according to substation percentage</i>					
8340	SOPORT	115	0% Subs	<i>Allocated according to substation percentage</i>					
8342	NEWCOMB	115	0% Subs	<i>Allocated according to substation percentage</i>					
8343	ELSINORE	115	0% Subs	<i>Allocated according to substation percentage</i>					
8344	SOUTH BASE SUB	115	0% Subs	<i>Allocated according to substation percentage</i>					
8345	INDIAN WELLS SUB	115	0% Subs	<i>Allocated according to substation percentage</i>					
8346	FOGARTY SUB	115	0% Subs	<i>Allocated according to substation percentage</i>					
8347	PECHANGA SUB	115	0% Subs	<i>Allocated according to substation percentage</i>					
8351	TANKER SUBSTATION	115	0% Subs	<i>Allocated according to substation percentage</i>					
8353	PLUESS SUBSTATION	115	0% Subs	<i>Allocated according to substation percentage</i>					
8354	AFG SUBSTATION	115	0% Subs	<i>Allocated according to substation percentage</i>					
8357	RECTIFIER SUB	115	0% Subs	<i>Allocated according to substation percentage</i>					
8359	MOUNTWIND SUBSTATION	115	0% Subs	<i>Allocated according to substation percentage</i>					
8361	COSO SUB	115	0% Subs	<i>Allocated according to substation percentage</i>					
8362	MOVAL SUBSTATION	115	0% Subs	<i>Allocated according to substation percentage</i>					
8504	RITTER SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
8509	PHARMACY SUBSTATION	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
8511	GLOW SUBSTATION	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
8558	PLASTER SUBSTATION	66kV	0% Subs	<i>Allocated according to substation percentage</i>					

						Balance by FERC Account (Total Transmission) Current Study					
	350	352	353	354	355	356					
	1,488,305	-	-	-	-	-					
	-	158,075	1,283,195	-	-	-					
	-	-	5,725	-	-	-					
	104,923	760,685	5,212,267	-	-	-					
	-	-	21,911	-	-	-					
	-	-	942,250	-	-	-					
	-	-	132,416	-	-	-					
	-	42,109	-	-	-	-					
	-	-	7,994	-	-	-					
	-	30,644	-	-	-	-					
	-	13,167	-	-	-	-					
	-	6,894	2,107	-	-	-					
	-	17,716	30,776	-	-	-					
	-	-	17,438	-	-	-					
	-	-	-	-	-	-					
	-	4,236	-	-	-	-					
	-	18,135	22,159	-	-	-					
	-	-	-	-	-	-					
	-	23,195	-	-	-	-					
	-	-	21,919	-	-	-					
	-	8,651	-	-	-	-					
	-	9,848	5,876,497	-	-	-					
	-	6,894	-	-	-	-					
	-	25,208	751,981	-	-	-					
	-	29,827	78,542	-	-	-					
	-	15,102	827,522	-	-	-					
	-	-	371,041	-	-	-					
	-	25,366	1,061,136	-	-	-					
	-	21,039	2,287,437	-	-	-					
	-	1,022	25,028	-	-	-					
	-	5,398	226,460	-	-	-					
	-	4,899	229,185	-	-	-					
	532	1,600	12,970	-	-	-					
	-	112,388	2,464,391	-	-	-					
	-	-	45,594	-	-	-					
	-	-	11,755	-	-	-					
	-	-	41,025	-	-	-					
	-	-	8,814	-	-	-					
	-	-	39,130	-	-	-					
	-	-	119,704	-	-	-					
	-	-	83,150	-	-	-					
	-	-	74,085	-	-	-					
	-	42,538	654,012	-	-	-					
	51,172	1,223,085	10,876,324	-	-	-					
	20,961	1,295,575	16,173,022	-	-	-					
	12,179	143,764	2,017,154	-	-	-					
	222,600	930,666	12,795,164	-	-	-					
	-	4,398,452	16,236,483	-	-	-					
	560,579	844,656	11,267,214	-	-	-					
	120	4,440	696,181	-	-	-					
	-	-	151,193	-	-	-					
	-	-	78,655	1,082,686	-	-					
	-	-	5,170	1,098,304	-	-					
	-	-	53,698	-	-	-					
	91,119	1,641,131	4,788,019	-	-	-					
	-	128,640									

SOUTHERN CALIFORNIA EDISON COMPANY
 Transmission Study Results
 As of December 2018

Location	Description	Voltage	Study	Circuit Miles					
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO
8810	ONEIL SUBSTATION	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
8956	MWD EASTSIDE RES	115	0% Subs	<i>Allocated according to substation percentage</i>					
9009	CONSTR FIELD FORCES	Offices & N	0% Subs	<i>Allocated according to substation percentage</i>					
9047	TRANS/SUB SUPPORT SERV	Offices & N	0% Subs	<i>Allocated according to substation percentage</i>					
9287	REAL PROP-LAND SVCS-STHRN	Misc	0% Subs	<i>Allocated according to substation percentage</i>					
9440	WESTMINSTER FENWICK BLDG	Offices & N	0% Subs	<i>Allocated according to substation percentage</i>					
9900	PLANT ACCTG-MISC. LEDGER	Offices & N	0% Subs	<i>Allocated according to substation percentage</i>					
5110	WABASH (NEW) SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5139	GENAMIC SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5164	REPETTO SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5215	MADRID SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5221	OCEAN PARK SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5226	BRIGHTON SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5229	MOBILIOIL SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5239	CRATER SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5242	COLORADO SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5252	ROLLING HILLS SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5260	COLOSSUS SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5268	TOPAZ SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5271	TAHITI SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5275	MARYMOUNT SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5282	PALOGEN SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5302	BIG CREEK 2	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5320	OCTOL SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5339	GREENHORN SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5410	FLOWIND SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5412	SILVER PEAK SUB	55kV	0% Subs	<i>Allocated according to substation percentage</i>					
5520	MODOC SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5576	NEWHALL SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5616	FLANCO SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5618	FIREHOUSE SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5621	HUSTON SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5626	PEDLEY SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5633	SAN DIMAS SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5645	LAYFAIR SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5650	LINDE AIR SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5654	REDUCTION SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5656	BAIN SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5658	PIPE SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5714	CUDAHY SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5754	SOMERSET SUBSTATION	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
5766	DAISY SUBSTATION	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
5893	PASSONS SUB	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
1860	PALOVERDE NUCL GEN PLT-U1	500	0% Subs	<i>Allocated according to substation percentage</i>					
1864	PALO VERDE-UNIT 2	500	0% Subs	<i>Allocated according to substation percentage</i>					
1866	PALO VERDE-UNIT 3	500	0% Subs	<i>Allocated according to substation percentage</i>					
1867	PALOVERDE-COMMON 1,2,3	500	0% Subs	<i>Allocated according to substation percentage</i>					
5832	LA HABRA SUBSTATION	66kV	0% Subs	<i>Allocated according to substation percentage</i>					
8078	SUN CITY(NEW)	115	0% Subs	<i>Allocated according to substation percentage</i>					
8096	MARSCHINO SUB	115	0% Subs	<i>Allocated according to substation percentage</i>					
8098	EISENHOWER SUB	115	0% Subs	<i>Allocated according to substation percentage</i>					
8348	MORAGA	115	0% Subs	<i>Allocated according to substation percentage</i>					
9310	TELCOMM-ALHAMBRA	Misc	0% Subs	<i>Allocated according to substation percentage</i>					
6011	RIALTO COMB FAC. BLDG B&C	Offices & N	0% Subs	<i>Allocated according to substation percentage</i>					
8121	CANTIL SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8123	CATHEDRAL CITY SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8136	DESERT OUTPOST SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8159	EL SOBRANTE SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8161	HARVARD SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					
8170	INYOKERN TOWN SUB	3kV & Belo	0% Subs	<i>Allocated according to substation percentage</i>					

Balance by FERC Account (Total Transmission) Current Study					
350	352	353	354	355	356
1,188,142	-	-	-	-	-
-	-	-	-	-	-
-	-	527,316	-	-	-
-	-	74,775,490	-	-	-
-	12,869	-	-	-	-
-	8,929	-	-	-	-
631	-	-	-	-	-
-	24,360	-	-	-	-
-	5,739	-	-	-	-
-	17,757	-	-	-	-
-	575	-	-	-	-
-	4,164	-	-	-	-
-	3,804	-	-	-	-
-	3,652	-	-	-	-
-	-	9,057	-	-	-
-	40,180	-	-	-	-
-	27,085	-	-	-	-
-	-	7,141	-	-	-
-	29,219	-	-	-	-
-	23,749	-	-	-	-
-	4,862	-	-	-	-
-	42,738	-	-	-	-
-	-	1,018,533	-	-	-
-	13,523	-	-	-	-
-	-	413,802	-	-	-
-	22,342	-	-	-	-
-	6,520	-	-	-	-
-	45,573	-	-	-	-
-	22,868	-	-	-	-
-	19,651	-	-	-	-
-	2,166	-	-	-	-
-	15,935	-	-	-	-
-	34,835	-	-	-	-
-	704	-	-	-	-
-	32,989	-	-	-	-
-	32,033	-	-	-	-
-	33,691	-	-	-	-
-	12,646	-	-	-	-
-	3,215	-	-	-	-
119,513	1,887,934	7,918,228	-	-	-
27,809	1,611,970	9,532,365	-	-	-
189,886	812,071	12,175,309	-	-	-
40,720	307,859	17,249,030	-	-	-
327,844	-	-	(2,151)	-	-
-	2,770	-	-	-	-
-	-	7,293	-	-	-
-	9,939	-	-	-	-
-	13,544	-	-	-	-
-	4,126	-	-	-	-
-	-	8,458	-	-	-
-	-	7,735	-	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission Study Results As of December 2018

Location	Description	Voltage	Study	Circuit Miles					
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO
8172	JOSHUA TREE SUB	3KV & Belo	0% Subs						
8216	PEERLESS SUB	3KV & Belo	0% Subs						
8238	SILVER SPUR SUB	3KV & Belo	0% Subs						
8244	SUNNY DUNES SUB	3KV & Belo	0% Subs						
8255	TWENTYNINE PALMS SUB	3KV & Belo	0% Subs						
9077	INFO TECH-GO2	Offices & I	0% Subs						
9235	RP&AS-NRTHSHRE REC AREA	Offices & I	0% Subs						
2612	MINARET	3KV & Belo	0% Subs						
5120	FEDERALGEN SUB	66KV	0% Subs						
5152	JOSE SUB	66KV	0% Subs						
5175	VAIL SUB	66KV	0% Subs						
5188	DALTON SUB	66KV	0% Subs						
5201	BEVERLY HILLS SUB	66KV	0% Subs						
5210	HOWARD SUB	66KV	0% Subs						
5405	CANWIND SUB	66KV	0% Subs						
5406	ENWIND SUB	66KV	0% Subs						
5409	MORWIND SUB	66KV	0% Subs						
5414	DUTCHWIND SUB	66KV	0% Subs						
5415	OAKWIND SUB	66KV	0% Subs						
5424	MIDWIND SUB	66KV	0% Subs						
5535	CHARMIN SUB	66KV	0% Subs						
5572	GAVIOTA SUB	66KV	0% Subs						
5604	TIMOTEZO SUB	66KV	0% Subs						
5629	REDLANDS SUB	66KV	0% Subs						
5636	YUCAIPA SUB	66KV	0% Subs						
5661	RUNNING SPRINGS SUB	3KV & Belo	0% Subs						
5667	ARCHLINE SUB	66KV	0% Subs						
5668	CRESTMORE SUB	66KV	0% Subs						
5680	DIAMOND BAR SUB	66KV	0% Subs						
5718	FRUITLAND SUB	66KV	0% Subs						
5720	FREEMONT SUB	66KV	0% Subs						
5779	DAVIDSON CITY	3KV & Belo	0% Subs						
5812	MURPHY SUB	66KV	0% Subs						
5886	PIONEER SUB	66KV	0% Subs						
8207	HOLIDAY SUB	3KV & Belo	0% Subs						
8210	OLIVE LAKE SUB	3KV & Belo	0% Subs						
8231	RUBIDIUX SUB	3KV & Belo	0% Subs						
8252	TRONA SUB	3KV & Belo	0% Subs						
8056	LAKEVIEW SUB	115	0% Subs						
8058	EASTWIND SUB	220	0% Subs						
8081	BADLANDS SUB	115	0% Subs						
8339	GREENWALD SUB	115	0% Subs						
8373	BLAST SUBSTATION	115	0% Subs						
5305	DELANO SUB	66KV	0% Subs						
5312	LIBERTY SUB	66	0% Subs						
5321	PIXLEY SUB	66KV	0% Subs						
5331	VISALIA SUB	66KV	0% Subs						
1020	STM GEN	Misc	0% Subs						
6027	MONROVIA SERVICE CENTER	MR SRVC F	0% Subs						
8366	LEATHERNECK SUB	115	0% Subs						
8071	CLEMENTINE	115	0% Subs						
5216	MANHATTAN SUB	3KV & Belo	0% Subs						
5218	MONETA SUB	3KV & Belo	0% Subs						
5227	REDONDO SUB	3KV & Belo	0% Subs						
5228	ROSECRANS SUB	66KV	0% Subs						
5231	SANTA MONICA SUB	66KV	0% Subs						
5246	DITMAR SUB	66KV	0% Subs						
5254	HAVEDA SUB	3KV & Belo	0% Subs						
5255	LUNADA SUB	3KV & Belo	0% Subs						
5267	SPACE SUB	66KV	0% Subs						

Balance by FERC Account (Total Transmission) Current Study					
350	352	353	354	355	356
-	9,177	-	-	-	-
-	-	7,635	-	-	-
-	8,994	-	-	-	-
-	13,259	-	-	-	-
-	11,480	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	6,944	-	-	-	-
-	56,769	3,887	-	-	-
-	15,470	-	-	-	-
-	82,794	-	-	-	-
-	-	-	-	-	-
-	-	17,431	-	-	-
-	-	9,895	-	-	-
-	11,023	29,527	-	-	-
-	-	6,367	-	-	-
-	11,023	7,801	-	-	-
-	-	23,342	-	-	-
-	-	23,000	-	-	-
-	-	27,327	-	-	-
-	-	118,097	-	-	-
-	1,760	-	-	-	-
-	29,558	21,359	-	-	-
-	31,005	-	-	-	-
-	31,398	-	-	-	-
-	12,856	-	-	-	-
-	14,975	-	-	-	-
-	-	49,398	-	-	-
-	12,712	-	-	-	-
-	6,957	-	-	-	-
-	6,957	-	-	-	-
-	20,469	-	-	-	-
-	6,944	-	-	-	-
-	19,356	-	-	-	-
-	558	-	-	-	-
-	6,317	-	-	-	-
-	6,499	7,864	-	-	-
100	9,442,822	22,745,941	-	-	-
-	-	23,430	-	-	-
-	21,176	-	-	-	-
-	10,350	8,152	-	-	-
-	471,546	69,402	-	-	-
-	60,018	-	-	-	-
-	301,990	-	-	-	-
-	18,619	-	-	-	-
-	35,561	-	-	-	-
-	-	-	-	-	6,749
-	-	-	-	-	1,568
-	38,734	12,644	-	-	-
-	41,635	69,695	-	-	-
-	10,762	-	-	-	-
-	16,856	-	-	-	-
-	33,678	-	-	-	-
-	70,272	-	-	-	-
-	19,278	-	-	-	-
-	8,978	-	-	-	-
-	30,118	-	-	-	-
-	8,090	-	-	-	-
-	21,279	-	-	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission Study Results
As of December 2018

Location	Description	Voltage	Study	Circuit Miles					
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO
5274	GALAXY SUB	66kV	0% Subs						
5411	ARBWIND SUB	66kV	0% Subs						
5570	VEGAS SUB	66kV	0% Subs						
5624	NORCO SUB	3kV & Belo	0% Subs						
5628	TENNESSEE SUB	66kV	0% Subs						
5635	UPLAND SUB	66kV	0% Subs						
5639	FRANCIS SUB	66kV	0% Subs						
5726	HATHAWAY SUBSTATION	66kV	0% Subs						
5881	JOHANNA SUBSTATION	220	0% Subs						
8119	CADY SUB	3kV & Belo	0% Subs						
8140	EAST BARSTOW SUB	3kV & Belo	0% Subs						
8148	FOREST HOME SUB	3kV & Belo	0% Subs						
8175	INDIAN WELLS SUB	115	0% Subs						
8211	ORDWAY SUB	3kV & Belo	0% Subs						
8263	PEREZ SUB	3kV & Belo	0% Subs						
8279	CORONA SUB	66kV	0% Subs						
8295	TORTILLA SUB	115	0% Subs						
9300	ALHAMBRA COMM SITE	Misc	0% Subs						
2587	SKILAND (MAMMOTH LAKE) SUBSTA3	3kV & Belo	0% Subs						
1000	DIV MTCE / OVERHAUL MNGT	66kV	Mix Subs						
1250	MOUNTAINVIEW POWER-COMMON	220	Mix Subs						
1869	PALOVERDE-SWITCHYARD	500	Mix Subs						
1870	PV UNIT 1-INCREMENTAL	500	Mix Subs						
8076 & 199	San Bernardino-220kv Switchyard &	220	Mix Subs						
2211	BIG CREEK NO.1	220	Mix Subs						
2212	BIG CREEK NO.2	220	Mix Subs						
2229	BIG CREEK NO.8	220	Mix Subs						
2230	BIG CREEK NO.3	220	Mix Subs						
2234	BIG CREEK NO.2A	220	Mix Subs						
5000	SUBSTN DIV	Misc	Mix Subs						
5011	EAGLE ROCK SUB	220	Mix Subs						
5012	MESA SUB	220	Mix Subs						
5013	RIO HONDO SUB	220	Mix Subs						
5023	EL NIDO SUB	220	Mix Subs						
5024	LA CIENEGA SUB	220	Mix Subs						
5025	ALAMITOS SWITCHRACK SUB	220	Mix Subs						
5027	LG BCH SWITCHRACK SUB	220	Mix Subs						
5028	REDONDO SWITCHRACK SUB	220	Mix Subs						
5031	MAGUNDEN SUB	220	Mix Subs						
5033	RECTOR SUB	220	Mix Subs						
5035	VESTAL SUB	220	Mix Subs						
5038	NO. T/S REG OFC/VALENCIA	Misc	Mix Subs						
5040	EAGLE MT. SUB	220	Mix Subs						
5041 & 804	Inyokern (CEP) & Inyokern	115	Mix Subs						
5042 & 804	Kramer & Kramer-Radial Line Agmt	220	Mix Subs						
5043	CIMA SUB	220	Mix Subs						
5050	PARDEE SUB	220	Mix Subs						
5055	GOLETA SUB	220	Mix Subs						
5056	MOORPARK SUB	220	Mix Subs						
5059	BAILEY SUB	220	Mix Subs						
5060	PADUA SUB	220	Mix Subs						
5062	CHINO SUB	220	Mix Subs						
5063	JULIAN HINDS SUB	220	Mix Subs						
5064	VISTA SUB	220	Mix Subs						
5067	DEVERS SUB	500	Mix Subs						
5070 & 803	Valley & Valley - CEP	500	Mix Subs						
5071	HINSON SUB	220	Mix Subs						
5073	LIGHTIPE SUB	220	Mix Subs						

Balance by FERC Account (Total Transmission) Current Study					
350	352	353	354	355	356
-	8,898	-	-	-	-
-	-	6,186	-	-	-
5,801	-	-	-	-	-
-	66,934	-	-	-	-
-	44,558	-	-	-	-
-	21,532	-	-	-	-
-	59,194	-	-	-	-
-	21,380	-	-	-	-
-	14,630	-	-	-	-
-	13,561	-	-	-	-
-	12,855	-	-	-	-
-	15,135	-	-	-	-
-	103,197	-	-	-	-
-	15,610	-	-	-	-
-	29,219	-	-	-	-
-	5,855	-	-	-	-
-	48,114	-	-	-	-
-	-	9,775	-	-	-
-	129,612	-	-	-	-
-	-	6,285	-	-	-
-	-	27,266,420	-	-	-
-	2,465,520	7,901,074	-	-	-
-	-	194,959	-	-	-
302,392	5,311,657	51,822,237	-	-	-
-	264,412	9,196,246	-	-	-
-	-	1,516,246	-	-	-
-	282,649	3,159,148	-	-	-
-	2,536,133	18,221,270	-	-	-
-	-	1,031,434	-	-	-
-	-	3,270,205	-	-	-
19,613	4,889,184	34,587,216	-	-	-
2,031,347	10,373,614	56,262,058	-	-	-
457,530	8,478,042	79,711,008	-	-	-
285,620	13,153,933	48,175,257	-	-	-
2,100,227	5,582,007	44,174,047	-	-	-
63,557	3,018,404	37,805,974	-	-	-
97,213	1,331,157	8,679,829	-	-	-
13,018	39,761	5,931,998	-	-	-
8,363	3,933,110	17,716,717	-	-	-
394,843	21,185,111	118,941,907	-	-	-
7,243	2,055,230	55,783,186	-	-	-
123,342	3,723,403	-	-	-	-
-	411,343	18,744,677	-	-	-
7,964	485,869	14,821,219	-	-	-
48,811	2,548,729	52,285,351	-	-	-
1,824	17,123	3,284,606	-	-	-
970,263	10,904,323	44,522,083	-	-	-
236,194	3,916,189	28,647,893	-	-	-
184,091	6,657,112	68,170,662	-	-	-
111,063	7,296,501	33,994,407	-	-	-
149,547	5,337,785	54,332,706	-	-	-
34,465	3,865,219	38,135,480	-	-	-
-	1,464,256	23,926,554	-	-	-
52,109	26,210,254	76,099,574	-	-	-
1,370,884	42,025,572	227,548,514	-	-	-
311,358	40,962,650	210,071,523	-	-	-
678,278	2,621,102	36,780,116	-	-	-
164,680	14,096,269	37,403,798	-	-	-

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Location	Description	Voltage	Study	Circuit Miles						Balance by FERC Account (Total Transmission) Current Study					
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356
5075	DEL AMO SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						164,747	6,720,665	60,588,110	-	-	-
5079	WINDHUB SUB	500	Mix Subs	<i>Allocated according to substation percentage</i>						1,231,926	31,901,425	211,759,754	-	-	-
5081	BARRE SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						86,188	4,105,722	61,137,041	-	-	-
5082	VILLA PARK SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						270,570	7,005,025	54,383,358	-	-	-
5084	CENTER SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						71,802	5,224,510	52,694,273	-	-	-
5085 & 588	JOHANNA SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						813,416	5,559,678	25,639,314	-	-	-
5086	ELLIS SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						59,737	5,351,860	76,011,564	-	-	-
5087	OLINDA SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						390,538	2,233,806	33,241,683	-	-	-
5088	SANTIAGO SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						557,976	13,574,840	153,601,724	-	-	-
5096	ETIWANDA SWITCHRACK SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						186,144	4,340,556	56,563,185	-	-	-
5100	METRO REGION	3kV & Belo	Mix Subs	<i>Allocated according to substation percentage</i>						-	-	265,939	-	-	-
5556	NEENACH SUB	66kV	Mix Subs	<i>Allocated according to substation percentage</i>						-	-	408,193	-	-	-
8065	ALBERHILL SUB	500	Mix Subs	<i>Allocated according to substation percentage</i>						-	-	-	-	-	-
9339	CONWAY SUMMIT COMM SITE	Misc	Mix Subs	<i>Allocated according to substation percentage</i>						-	-	14,913	-	-	-
8370	SANLOT SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						-	790,436	4,014,371	-	-	-
8063	CHEMAIN	220	Mix Subs	<i>Allocated according to substation percentage</i>						-	376,650	15,382,416	-	-	-
6072	BARSTOW NO RGN-SAN BERDOO	MR SRVC F	Mix Subs	<i>Allocated according to substation percentage</i>						-	7,617	-	-	-	-
9010	B&A-T/S 3RD FLOOR-GO3	220	Mix Subs	<i>Allocated according to substation percentage</i>						-	-	823	-	-	-
9024	CHINO OFC BLDG (FACILITY)	Misc	Mix Subs	<i>Allocated according to substation percentage</i>						-	373,558	-	-	-	-
7010	FRESNO COUNTY	3kV & Belo	Mix Subs	<i>Allocated according to substation percentage</i>						-	-	-	-	-	-
7056	VENTURA COUNTY	3kV & Belo	Mix Subs	<i>Allocated according to substation percentage</i>						-	-	74,798	-	-	-
8000	ROADWAY(CEP)	115	Mix Subs	<i>Allocated according to substation percentage</i>						110,643	741,715	12,982,651	-	-	-
8006	EL CASCO SUBSTATION	220	Mix Subs	<i>Allocated according to substation percentage</i>						-	30,221,976	56,892,734	-	-	-
8037	TORTILLA(CEP) SUB	115	Mix Subs	<i>Allocated according to substation percentage</i>						17,114	1,027,694	11,213,201	-	-	-
8049	VICTOR SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						22,088	12,172,330	112,484,145	-	-	-
9203	FUELS	Misc	Mix Subs	<i>Allocated according to substation percentage</i>						-	-	341,890	-	-	-
9221	INNOVATION VILLAGE 1	Offices & N	Mix Subs	<i>Allocated according to substation percentage</i>						-	-	1,509,815	-	-	-
9243	CONTROL SYS SEC-ALHAMBRA	Offices & N	Mix Subs	<i>Allocated according to substation percentage</i>						-	375,558	2,962,532	-	-	-
9078	IRVINE OPER CENTER	Misc	Mix Subs	<i>Allocated according to substation percentage</i>						-	8,245	-	-	-	-
9330	TELECOMM-ALHAMBRA	Misc	Mix Subs	<i>Allocated according to substation percentage</i>						-	-	108,737	-	-	-
2556	CONTROL STATION	115	Mix Subs	<i>Allocated according to substation percentage</i>						-	1,598,259	15,357,249	-	40,798	25,499
5014	WALNUT SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						97,955	5,107,760	34,639,105	-	-	-
5015	GOULD SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						29,300	1,468,803	32,613,875	-	-	-
5021	LA FRESA SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						101,370	5,951,629	95,497,329	-	-	-
5052	ANTELOPE SUB	500	Mix Subs	<i>Allocated according to substation percentage</i>						21,983	7,700,368	204,807,660	-	-	-
5053	SANTA CLARA SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						140,739	3,886,681	51,924,120	-	-	-
5069	MIRA LOMA SUB	500	Mix Subs	<i>Allocated according to substation percentage</i>						474,735	50,977,536	207,341,363	-	123,410	-
5074	LAGUNA BELL SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						131,263	3,046,694	49,685,538	-	-	-
5083	VIEJO SUBSTATION	220	Mix Subs	<i>Allocated according to substation percentage</i>						13,285,971	8,784,046	34,762,159	-	-	-
8012	MIRAGE(CEP) SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						629,541	4,895,812	57,424,478	1	-	1
5034	SRINGVILLE SUB	220	Mix Subs	<i>Allocated according to substation percentage</i>						12,198	2,080,488	33,939,967	-	-	6,814

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Location	Description	Voltage	Study				Balance by FERC Account (ISO Transmission) Current Study							
				357	358	359	350	352	353	354	355	356	357	358
4193	BIG CRK 1-EASTWOOD	220	Lines	-	-	-	-	-	-	-	-	-	-	-
4207	E.MAGUNDEN-ANTELOPE 220KV	220	Lines	-	-	-	-	-	-	-	-	-	-	-
4211	BIG CREEK #3/#4 220KV LIN	220	Lines	-	-	-	-	-	3,150	-	-	-	-	-
4300	MET T/S REGION	66	Lines	103,541	439,317	-	-	-	-	-	-	-	-	-
4360	MIRA LOMA - VINCENT 500 KV LINE	500	Lines	190,597,928	66,846,572	36,489,379	25,733,774	2,467,564	-	381,010,049	75,786,919	164,694,097	190,597,928	66,846,572
4400	COASTAL T/S REGION	66	Lines	1,437,204	2,604,820	-	-	-	-	-	-	-	-	-
4500	EASTERN T/S REGION	66	Lines	-	-	-	-	-	-	-	-	-	-	-
4600	NRTHN T/S REGION	66	Lines	-	-	-	-	-	-	-	-	-	-	-
4644	ANTELOPE-PARDEE	220	Lines	-	-	3,941,302	3,934,890	-	-	86,011,136	7,668,801	39,491,898	-	-
4700	EASTERN T/S REG	66	Lines	290,840	784,929	48	-	-	-	-	-	-	-	-
4705	CORONA-JEFFERSON 66 KV LN	55	Lines	-	-	35,849	138,481	1,202,044	-	-	9,542,540	1,652,517	-	-
4708	ANTELOPE-WINDHUB 500KV LN	500	Lines	-	-	-	16,796,780	-	-	14,032,500	30,806,236	20,048,113	-	-
4709	WINDHUB-HIGHWIND 230KV LN	220	Lines	-	15,046,586	-	3,268,655	-	-	33,222,665	-	12,112,068	-	15,046,586
4710	ANTELOPE-WHIRLWIND 500KV LN	500	Lines	-	-	2,227,208	15,917,279	-	-	41,810,447	-	38,660,689	-	-
4711	WHIRLWIND-WINDHUB 500KV L	500	Lines	-	-	-	71,262	-	-	56,720,609	(10,509)	20,121,886	-	-
4712	ANTELOPE - VINCENT #2 500KV	500	Lines	-	-	-	11,885,452	-	-	167,665,138	6,874,070	50,353,456	-	-
4716	ANTELOPE-VINCENT #1 500 KV	500	Lines	-	-	-	-	-	-	-	-	-	-	-
4730	LEE Vining-Lundy 55K 4771	55	Lines	-	-	-	-	-	-	-	-	-	-	-
4731	POOLE-LEE Vining 115KV LI	115	Lines	-	-	-	-	-	-	-	-	-	-	-
4732	RUSH CRK-LEE Vining 115KV	115	Lines	-	-	(38)	-	-	-	-	-	-	-	-
4733	ELDORADO-IVANPAH NO 1&2 - CA	220	Lines	-	-	-	-	-	-	25,282,715	1,219,314	20,581,574	-	-
4734	ELDORADO-IVANPAH NO 1&2 - NV	220	Lines	-	-	2,178,685	352,196	-	-	49,174,369	666,768	164,308,741	-	-
4755	WHIRLWIND--VINCENT&MIDWAY 5C	500	Lines	-	-	-	-	-	-	-	-	-	-	-
4756	DEVERS-SN BRDNO 220 KV LN	220	Lines	-	-	119,281	1,079,238	16,401	-	6,958,865	568,180	4,604,528	-	-
4759	BLYTE-EAGLE MT 161 KV LN	161	Lines	-	-	4,845	33,310	-	-	-	2,770,000	331,263	-	-
4781	HOOVER-CLWTR 115 KV LN	115	Lines	-	-	1,376	1,255	-	-	96,551	42,433	93,272	-	-
4782	HOOVER-CLWTER 115 KV LN	115	Lines	-	-	21,669	165,196	-	-	327,795	1,746,964	811,371	-	-
4792	COGEN/RENEW ENERGY 220KV & ABC	220	Lines	-	-	-	-	-	-	-	-	-	-	-
4799	HUMAN EXTERNAL CARGO TRAININ	66	Lines	-	-	-	-	-	-	-	-	-	-	-
4800	VAR. TRANS. LINES-S/E DIV	66	Lines	3,783,979	6,890,890	-	-	-	-	-	-	-	-	-
4900	NORTHEASTERN T/S DIV.	66	Lines	-	-	-	-	-	-	-	-	-	-	-
4106	COGEN/RENEW ENGY SOURCES	115	Lines	336,087	1,311,207	241,765	-	-	-	-	-	-	-	-
4106	COGEN/RENEW ENGY SOURCES	66	Lines	634,276	2,474,554	456,267	-	-	-	-	-	-	-	-
4118	MRA LMA-VLL PK LNS, OTHR	220	Lines	-	-	175,735	4,640,667	656,334	1,869	15,973,331	429,549	12,260,887	-	-
4118	MRA LMA-VLL PK LNS, OTHR	66	Lines	-	-	4,423	-	-	-	-	-	-	-	-
4135	LUGO-VICTOR LNS, OTHER	220	Lines	-	-	102,879	1,012,919	63,032	-	4,549,734	697,894	5,250,757	-	-
4135	LUGO-VICTOR LNS, OTHER	115	Lines	-	-	24,691	426,836	26,561	-	1,917,224	294,087	2,212,630	-	-
4735	BISHOP CRK55&115KV LINES	115	Lines	-	-	4,903	-	-	-	-	-	-	-	-
4735	BISHOP CRK55&115KV LINES	55	Lines	-	-	9,381	-	-	-	-	-	-	-	-
4750	115 KV LNS, ESTN T/S REG	115	Lines	4,457,762	14,354,819	1,827,047	4,570,663	80,041	1,126,578	1,227,150	53,940,865	16,593,762	70,621	227,413
4750	115 KV LNS, ESTN T/S REG	66/55/33	Lines	42,608	137,205	17,463	-	-	-	-	-	-	-	-
2236	BIG CREEK NO.4	220	100% Subs	-	-	-	-	43,064	4,684,168	-	-	-	-	-
2570	INYO	220	100% Subs	-	-	-	-	287,755	4,197,276	-	-	-	-	-
5001	METRO GOM MAINT	500	100% Subs	-	-	-	-	-	31,531,834	-	-	-	-	-
5019	HARBORGEN SUB	220	100% Subs	-	-	-	-	18,729	3,991,930	-	-	-	-	-
5026	EL SEGUNDO SWITCHRACK SUB	220	100% Subs	-	-	-	12,470	102,005	2,244,645	-	-	-	-	-
5032	MIDWAY SUB	500	100% Subs	-	-	-	-	396,679	190,211	-	-	-	-	-
5036	PASTORIA SUB	220	100% Subs	-	-	-	21,435	1,279,909	12,338,955	-	-	-	-	-
5044	CLWTR SWITCHRACKS 1,2	115	100% Subs	-	-	-	-	-	1,476,690	-	-	-	-	-
5045	MOHAVE SWITCHRACK	500	100% Subs	-	-	-	-	3,417,990	8,435,508	-	-	-	-	-
5047	RANCHO VISTA SUB	500	100% Subs	-	-	-	1,844,367	22,798,974	154,023,684	-	-	-	-	-
5054 & 895	Vincent	500	100% Subs	-	-	-	17,324,279	27,870,106	226,612,392	-	-	-	-	-
5058	SYLMAR SUB	220	100% Subs	-	-	-	-	19,757	1,948,141	-	-	-	-	-
5061	LUGO SUB	500	100% Subs	-	-	-	90,981	23,677,879	150,236,369	-	-	-	-	-
5065	PIGGAH SUB	220	100% Subs	-	-	-	-	556,209	4,722,905	-	-	-	-	-
5089	LEWIS SUB	220	100% Subs	-	-	-	1,444	192,580	5,383,835	-	-	-	-	-
5091	MEAD SUB	500	100% Subs	-	-	-	-	-	12,306	-	-	-	-	-
5092	MOENKOPI SUB	500	100% Subs	-	-	-	-	-	1,516,885	-	-	-	-	-
5094	EAST SERIES CAPACITORS 1	500	100% Subs	-	-	-	-	857,212	8,323,790	-	-	-	-	-

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Location	Description	Voltage	Study	357			Balance by FERC Account (ISO Transmission) Current Study							
				357	358	359	350	352	353	354	355	356	357	358
5274	GALAXY SUB	66kV	0% Subs	-	-	-	-	-	-	-	-	-	-	-
5411	ARBWIND SUB	66kV	0% Subs	-	-	-	-	-	-	-	-	-	-	-
5570	VEGAS SUB	66kV	0% Subs	-	-	-	-	-	-	-	-	-	-	-
5624	NORCO SUB	3kV & Belo	0% Subs	-	-	-	-	-	-	-	-	-	-	-
5628	TENNESSEE SUB	66kV	0% Subs	-	-	-	-	-	-	-	-	-	-	-
5635	UPLAND SUB	66kV	0% Subs	-	-	-	-	-	-	-	-	-	-	-
5639	FRANCIS SUB	66kV	0% Subs	-	-	-	-	-	-	-	-	-	-	-
5726	HATHAWAY SUBSTATION	66kV	0% Subs	-	-	-	-	-	-	-	-	-	-	-
5881	JOHANNA SUBSTATION	220	0% Subs	-	-	-	-	-	-	-	-	-	-	-
8119	CADY SUB	3kV & Belo	0% Subs	-	-	-	-	-	-	-	-	-	-	-
8140	EAST BARSTOW SUB	3kV & Belo	0% Subs	-	-	-	-	-	-	-	-	-	-	-
8148	FOREST HOME SUB	3kV & Belo	0% Subs	-	-	-	-	-	-	-	-	-	-	-
8175	INDIAN WELLS SUB	115	0% Subs	-	-	-	-	-	-	-	-	-	-	-
8211	ORDWAY SUB	3kV & Belo	0% Subs	-	-	-	-	-	-	-	-	-	-	-
8263	PFERZ SUB	3kV & Belo	0% Subs	-	-	-	-	-	-	-	-	-	-	-
8279	CORONA SUB	66kV	0% Subs	-	-	-	-	-	-	-	-	-	-	-
8295	TORTILLA SUB	115	0% Subs	-	-	-	-	-	-	-	-	-	-	-
9300	ALHAMBRA COMM SITE	Misc	0% Subs	-	-	-	-	-	-	-	-	-	-	-
2587	SKILAND (MAMMOTH LAKE) SUBSTA	3kV & Belo	0% Subs	-	-	-	-	-	-	-	-	-	-	-
1000	DIV MTCE / OVERHAUL MNGT	66kV	Mix Subs	-	-	-	-	-	-	3,630	-	-	-	-
1250	MOUNTAINVIEW POWER-COMMON	220	Mix Subs	-	-	-	-	-	-	13,624,619	-	-	-	-
1869	PALOVERDE-SWITCHYARD	500	Mix Subs	-	-	-	-	-	1,596,825	4,563,532	-	-	-	-
1870	PV UNIT 1-INCREMENTAL	500	Mix Subs	-	-	-	-	-	-	112,605	-	-	-	-
3076 & 199 San Bernardino-220kv Switchyard &		220	Mix Subs	-	-	-	-	82,493	1,451,165	13,682,295	-	-	-	-
2211	BIG CREEK NO.1	220	Mix Subs	-	-	-	-	-	134,945	4,683,642	-	-	-	-
2212	BIG CREEK NO.2	220	Mix Subs	-	-	-	-	-	-	875,759	-	-	-	-
2229	BIG CREEK NO.8	220	Mix Subs	-	-	-	-	-	272,618	2,267,304	-	-	-	-
2230	BIG CREEK NO.3	220	Mix Subs	-	-	-	-	-	1,950,903	15,479,580	-	-	-	-
2234	BIG CREEK NO.2A	220	Mix Subs	-	-	-	-	-	-	595,739	-	-	-	-
5000	SUBSTN DIV	Misc	Mix Subs	-	-	-	-	-	-	1,888,817	-	-	-	-
5011	EAGLE ROCK SUB	220	Mix Subs	-	-	-	3,361	603,606	6,194,239	-	-	-	-	-
5012	MESA SUB	220	Mix Subs	-	-	-	649,589	3,354,106	15,185,218	-	-	-	-	-
5013	RIO HONDO SUB	220	Mix Subs	-	-	-	156,698	3,253,273	25,939,332	-	-	-	-	-
5023	EL NIDO SUB	220	Mix Subs	-	-	-	79,362	2,210,795	8,927,145	-	-	-	-	-
5024	LA CIENEGA SUB	220	Mix Subs	-	-	-	628,918	1,584,120	13,161,584	-	-	-	-	-
5025	ALAMITOS SWITCHRACK SUB	220	Mix Subs	-	-	-	25,065	1,076,667	12,870,890	-	-	-	-	-
5027	LG BCH SWITCHRACK SUB	220	Mix Subs	-	-	-	32,392	447,619	2,964,779	-	-	-	-	-
5028	REDONDO SWITCHRACK SUB	220	Mix Subs	-	-	-	9,041	2,7612	3,963,916	-	-	-	-	-
5031	MAGUNDEN SUB	220	Mix Subs	-	-	-	7,939	3,108,489	17,035,867	-	-	-	-	-
5033	RECTOR SUB	220	Mix Subs	-	-	-	230,714	10,393,690	66,868,605	-	-	-	-	-
5035	VESTAL SUB	220	Mix Subs	-	-	-	4,142	1,061,096	27,779,977	-	-	-	-	-
5038	NO. T/S REG OFC/VALENCIA	Misc	Mix Subs	-	-	-	90,846	2,411,508	-	-	-	-	-	-
5040	EAGLE MT. SUB	220	Mix Subs	-	-	-	-	61,360	1,493,101	-	-	-	-	-
5041 & 804 Inyokern (CEP) & Inyokern	115	Mix Subs	-	-	-	-	2,248	56,275	4,112,290	-	-	-	-	-
5042 & 804 Kramer & Kramer-Radial Line Agmt	220	Mix Subs	-	-	-	38,292	1,490,275	41,034,566	-	-	-	-	-	-
5043	CIMA SUB	220	Mix Subs	-	-	-	207	1,945	372,293	-	-	-	-	-
5050	PARDEE SUB	220	Mix Subs	-	-	-	866,270	3,098,998	35,033,968	-	-	-	-	-
5055	GOLETA SUB	220	Mix Subs	-	-	-	88,251	2,227,330	10,303,037	-	-	-	-	-
5056	MOORPARK SUB	220	Mix Subs	-	-	-	23,595	840,437	8,406,287	-	-	-	-	-
5059	BAILEY SUB	220	Mix Subs	-	-	-	111,063	7,219,735	32,488,857	-	-	-	-	-
5060	PADUA SUB	220	Mix Subs	-	-	-	58,225	1,989,323	20,899,812	-	-	-	-	-
5062	CHINO SUB	220	Mix Subs	-	-	-	7,950	854,935	8,809,119	-	-	-	-	-
5063	JULIAN HINDS SUB	220	Mix Subs	-	-	-	-	1,513,750	23,577,712	-	-	-	-	-
5064	VISTA SUB	220	Mix Subs	-	-	-	9,602	4,688,031	12,938,110	-	-	-	-	-
5067	DEVERS SUB	500	Mix Subs	-	-	-	1,146,182	30,377,561	191,588,248	-	-	-	-	-
5070 & 803 Valley & Valley - CEP	500	Mix Subs	-	-	-	94,868	8,806,661	68,130,584	-	-	-	-	-	-
5071	HINSON SUB	220	Mix Subs	-	-	-	165,708	145,627	7,521,320	-	-	-	-	-
5073	LIGHTIPE SUB	220	Mix Subs	-	-	-	49,733	4,326,781	11,338,116	-	-	-	-	-

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Location	Description	Voltage	Study				
				357	358	359	
5075	DEL AMO SUB	220	Mix Subs	-	-	-	
5079	WINDHUB SUB	500	Mix Subs	-	-	-	
5081	BARRE SUB	220	Mix Subs	-	-	-	
5082	VILLA PARK SUB	220	Mix Subs	-	-	-	
5084	CENTER SUB	220	Mix Subs	-	-	-	
5085 & 588	JOHANNA SUB	220	Mix Subs	-	-	-	
5086	ELIS SUB	220	Mix Subs	-	-	-	
5087	OLINDA SUB	220	Mix Subs	-	-	-	
5088	SANTIAGO SUB	220	Mix Subs	-	-	-	
5096	ETIWANDA SWITCHRACK SUB	220	Mix Subs	-	-	-	
5100	METRO REGION	3KV & Belo	Mix Subs	-	-	-	
5556	NEENACH SUB	66kV	Mix Subs	-	-	-	
8065	ALBERHILL SUB	500	Mix Subs	-	-	-	
9339	CONWAY SUMMIT COMM SITE	Misc	Mix Subs	-	-	-	
8370	SANDLOT SUB	220	Mix Subs	-	-	-	
8063	CHEVMAIN	220	Mix Subs	-	-	-	
6072	BARSTOW NO RGN-SAN BERDOO	MR SRVC F	Mix Subs	-	-	-	
9010	B&A-T/S 3RD FLOOR-GO3	220	Mix Subs	-	-	-	
9024	CHINO OFC BLDG (FACILITY)	Misc	Mix Subs	-	-	-	
7010	FRESNO COUNTY	3KV & Belo	Mix Subs	-	-	-	
7056	VENTURA COUNTY	3KV & Belo	Mix Subs	-	-	-	
8000	ROADWAY(CEP)	115	Mix Subs	-	-	-	
8006	EL CASCO SUBSTATION	220	Mix Subs	-	-	-	
8037	TORTILLA(CEP) SUB	115	Mix Subs	-	-	-	
8049	VICTOR SUB	220	Mix Subs	-	-	-	
9203	FUELS	Misc	Mix Subs	-	-	-	
9221	INNOVATION VILLAGE 1	Offices & M	Mix Subs	-	-	-	
9243	CONTROL SYS SEC-ALHAMBRA	Offices & M	Mix Subs	-	-	-	
9078	IRVINE OPER CENTER	Misc	Mix Subs	-	-	-	
9330	TELECOMM-ALHAMBRA	Misc	Mix Subs	-	-	-	
2556	CONTROL STATION	115	Mix Subs	-	-	-	
5014	WALNUT SUB	220	Mix Subs	-	-	-	
5015	GOULD SUB	220	Mix Subs	-	-	-	
5021	LA FRESA SUB	220	Mix Subs	64	-	-	
5052	ANTELOPE SUB	500	Mix Subs	37,191	-	-	
5053	SANTA CLARA SUB	220	Mix Subs	-	13,555	-	
5069	MIRA LOMA SUB	500	Mix Subs	-	-	40,344	
5074	LAGUNA BELL SUB	220	Mix Subs	14,172	-	844,880	
5083	VIEJO SUBSTATION	220	Mix Subs	10	-	15,120,730	
8012	MIRAGE(CEP) SUB	220	Mix Subs	-	1	405,602	
5034	SRINGVILLE SUB	220	Mix Subs	-	-	22,997,887	
Lines:							
1000 KV T Lines							
500 KV T Lines							
220 KV T Lines							
161 KV T Lines							
115 KV T Lines							
66 KV T Lines							
55 KV T Lines							
Total Lines							

Balance by FERC Account (ISO Transmission) Current Study							
350	352	353	354	355	356	357	358
30,791	954,397	10,149,392	-	-	-	-	-
1,095,379	27,506,352	188,265,629	-	-	-	-	-
28,618	1,323,442	19,813,149	-	-	-	-	-
84,404	2,377,133	16,143,270	-	-	-	-	-
7,183	413,285	4,896,869	-	-	-	-	-
263,466	1,568,039	9,174,666	-	-	-	-	-
13,938	1,317,885	16,494,932	-	-	-	-	-
60,194	344,299	4,282,558	-	-	-	-	-
436,151	10,610,991	120,065,247	-	-	-	-	-
36,584	780,185	11,556,513	-	-	-	-	-
-	-	181,792	-	-	-	-	-
-	-	240,768	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	8,613	-	-	-	-	-
-	459,748	2,334,912	-	-	-	-	-
-	89,222	3,636,188	-	-	-	-	-
-	4,933	-	-	-	-	-	-
-	-	476	-	-	-	-	-
-	241,939	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	43,202	-	-	-	-	-
24,273	148,555	2,157,862	-	-	-	-	-
-	3,548,261	6,358,643	-	-	-	-	-
5,444	141,283	4,338,455	-	-	-	-	-
19,567	10,235,323	99,508,267	-	-	-	-	-
-	-	197,470	-	-	-	-	-
-	-	872,044	-	-	-	-	-
-	243,235	1,711,110	-	-	-	-	-
-	5,340	-	-	-	-	-	-
-	-	65,594	-	-	-	-	-
-	1,314,464	13,225,143	-	-	34,985	21,866	-
-	6,594	308,425	2,303,824	-	-	-	-
-	10,901	410,835	11,819,118	-	-	-	-
-	17,896	1,032,768	14,366,110	-	-	-	10
-	21,982	6,776,588	202,897,397	-	-	-	36,695
-	40,344	844,880	15,120,730	-	-	-	-
-	33,541	703,474	12,878,809	-	-	-	3,650
-	3,199,451	2,115,242	8,375,515	-	-	-	2
-	279,132	2,110,596	23,424,330	0	-	0	-
-	3,379	339,141	9,678,516	-	-	1,895	-
Total Lines	212,704,663	19,017,356	2,582,289	2,284,709,795	386,542,291	1,311,509,387	190,891,202
							83,989,219

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Location	Description	Voltage	Study	359	Non ISO Account Balances		
					350	352	353
4026	MIDWAY-VINCENT LINES 1&2	500	Lines	795,535	-	-	-
4031	DWP-EDSN CELILO-SYLMR CA	1000	Lines	136,841	-	-	-
4034	DWP-EDSN CELILO-SYLMR NV	1000	Lines	668,871	-	-	-
4045	PARDEE-SYLMAR LNES 1&2	220	Lines	38,006	-	-	-
4046	EAGLE ROCK-SYLMAR LINE	220	Lines	-	-	-	-
4051	PARDEE-VINCENT LN 1	220	Lines	145,317	-	-	-
4059	PARDEE-VINCENT LINE CONST	220	Lines	20,953	-	-	-
4070	RIO HONDO-VINCENT LN 2	220	Lines	11,892	-	-	-
4101	MANY TRANSMISSION LINES	220	Lines	1,126,734	33,569	14,272	2,147
4102	COGEN/RENEWABLE ENERGY SO	220	Lines	467,577	634,504	-	-
4104	DEVERS-HINS LN, OTHERS	220	Lines	2,450,475	70,246	4,334	2,691
4105	33 AND 66 KV LINES	66	Lines	121,081	33,163,543	11,259,603	2,489,851
4107	ANTELOPE/MESA LINE, OTHER	220	Lines	88,022,589	-	-	-
4108	CHINO-SERRANO/SN ONFRE LN	220	Lines	733,284	181	97	-
4109	COACHELLA VALLEY-DEVERS (SCE PC	220	Lines	-	-	-	-
4111	BIG CRK 3-BIG CRK 4	220	Lines	29,429	-	-	-
4113	BIGCRK-SPRGVL, MGDN-SPRGV	220	Lines	630,959	81	2	-
4114	ALAMITOS-MESA LN, OTHERS	220	Lines	290,261	146,824	49,718	30,237
4115	HINSON-LIGHTHYPE 1&2	220	Lines	27,417	-	-	-
4116	HINSON-LAFRESA, OTHERS	220	Lines	13,558	-	-	-
4117	ELDRDO-CIMA-PISGAH LN1,2	220	Lines	151,162	-	-	-
4119	CENTER-MESA LN, OTHERS	220	Lines	2,251,836	429,429	48,574	21
4120	ALAMITOS-CENTER, OTHERS	220	Lines	29,682	477,693	56,617	3,355
4121	BIG CREEK 4-SPRNGVLL-MGDN	220	Lines	251,148	-	-	-
4123	LUGO-VINCENT LNES 1&2	500	Lines	1,891	-	-	-
4124	BIG CRK 1-CMP TEN-..-PRTL	66	Lines	-	485	-	-
4125	GOLETA-SNTA CLARA, OTHERS	220	Lines	1,325,249	2,945,497	302,622	491
4127	NORTH BOULDER-MEAD, OTHER	220	Lines	3,301	7,261	-	-
4128	LYTLE CREEK-POLE 534694E	66	Lines	-	-	-	-
4129	KERN RIVER3-VESTAL 66 KV	66	Lines	-	38,460	-	-
4130	MOHAVE-LUGO 500KV	500	Lines	19,051	-	-	-
4132	CUMMINGS-KERBN RIV1, OTHE	66	Lines	-	3,146	-	-
4133	BOREL-...-WALKER 66KV LN	66	Lines	-	53,165	-	-
4136	LUGO-ELDORADO LN	500	Lines	117,747	-	-	-
4137	LUGO-ELDORADO LN	500	Lines	20,088	-	-	-
4138	LUGO-MIRA LOMA 2&3	500	Lines	591,464	-	-	-
4139	SPRGVL-TULE 66KV LN	66	Lines	-	517	-	-
4140	MOHAVE-LUGO 500 KV LN	500	Lines	329,333	-	-	-
4141	MOHAVE-ELDORADO LN	500	Lines	55,916	-	-	-
4142	BOREL-WELDON 66KV LN	66	Lines	-	25,409	-	-
4143	ELDORADO-BORDER 500 KV LN	500	Lines	145,064	-	-	-
4144	ELDORADO-MEAD LNS 1&2	220	Lines	1,023	-	-	-
4147	VINCENT-PARDEE LN 2	220	Lines	145,187	-	-	-
4148	MIRA LOMA-SERRANO LN	500	Lines	761,201	-	-	-
4149	SANTA ANA LNS 1,2,3	66	Lines	-	232	-	-
4153	VINCENT-PEARBLOSSOM LN	220	Lines	-	309,032	-	-
4154	LUGO-VICTORVILLE EDSON-DWP	500	Lines	-	-	-	-
4155	MIDWAY-VINCENT LN 3	500	Lines	187,772	-	-	-
4156	ELLIS-SANTIAGO LNS 1,2	220	Lines	38,262	-	-	-
4157	RIO HONDO-VINCENT NO. 2 220/50k	220	Lines	538,932	-	-	-
4158	LUCERNE-LUGO/MIRA LOMA LN	500	Lines	-	-	-	-
4166	BIG CRK 2-BIG CRK 8	220	Lines	-	-	-	-
4168	BIG CRK 3-MAMMOTH POOL	220	Lines	-	4,331	523,515	-
4169	BIG CRK 1-RECTOR, OTHER	220	Lines	1,504,589	292,357	17,526	68
4185	DEVERS-PALO VERDE	500	Lines	467,228	-	-	-
4186	DEVERS-PALO VERDE	500	Lines	147,245	-	-	-
4187	DEVERS-VALLEY LNS 1,2	500	Lines	18,238,694	-	-	-
4188	SERRANO-VALLEY LN	500	Lines	2,640,525	-	-	-
4189	SERRANO-VILLA PK LN 1,2,3	220	Lines	-	-	-	-
4191	VALLEY-INLAND 500KV TL	500	Lines	-	-	-	-

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Location	Description	Voltage	Study	359
4193	BIG CRK 1-EASTWOOD	220	Lines	-
4207	E.MAGUNDEN-ANTELOPE 220KV	220	Lines	-
4211	BIG CREEK #3/#4 220KV LIN	220	Lines	-
4300	MET T/S REGION	66	Lines	-
4360	MIRA LOMA - VINCENT 500 KV LINE	500	Lines	36,489,379
4400	COASTAL T/S REGION	66	Lines	-
4500	EASTERN T/S REGION	66	Lines	-
4600	NRTHN T/S REGION	66	Lines	-
4644	ANTELOPE-PARDEE	220	Lines	3,941,302
4700	EASTERN T/S REG	66	Lines	-
4705	CORONA-JEFFERSON 66 KV LN	55	Lines	20,412
4708	ANTELOPE-WINDHUB 500KV LN	500	Lines	-
4709	WINDHUB-HIGHWIND 230KV LN	220	Lines	-
4710	ANTELOPE-WHIRLWIND 500KV LN	500	Lines	2,227,208
4711	WHIRLWIND-WINDHUB 500KV L	500	Lines	-
4712	ANTELOPE - VINCENT #2 500KV	500	Lines	-
4716	ANTELOPE-VINCENT #1 500 KV	500	Lines	-
4730	LEE Vining-Lundy 55K 4771	55	Lines	-
4731	POOLE-LEE Vining 115KV LI	115	Lines	-
4732	RUSH CRK-LEE Vining 115KV	115	Lines	-
4733	ELDORADO-IVANPAH NO 1&2 - CA	220	Lines	-
4734	ELDORADO-IVANPAH NO 1&2 - NV	220	Lines	2,178,685
4755	WHIRLWIND--VINCENT&MIDWAY 5C	500	Lines	-
4756	DEVERS-SN BRDNO 220 KV LN	220	Lines	119,281
4759	BYTHE-EAGLE MT 161 KV LN	161	Lines	4,845
4781	HOOVER-CLWTR 115 KV LN	115	Lines	1,352
4782	HOOPER-CLWTER 115 KV LN	115	Lines	21,669
4792	COGEN/RENEW ENERGY 220KV & ABC	220	Lines	-
4799	HUMAN EXTERNAL CARGO TRAININ	66	Lines	-
4800	VAR. TRANS. LINES-S/E DIV	66	Lines	-
4900	NORTHEASTERN T/S DIV.	66	Lines	-
4106	COGEN/RENEW ENGY SOURCES	115	Lines	-
4106	COGEN/RENEW ENGY SOURCES	66	Lines	-
4118	MRA LMA-VLL PK LNS, OTHR	220	Lines	148,991
4118	MRA LMA-VLL PK LNS, OTHR	66	Lines	-
4135	LUGO-VICTOR LNS, OTHER	220	Lines	58,594
4135	LUGO-VICTOR LNS, OTHER	115	Lines	24,691
4735	BISHOP CRK55&115KV LINES	115	Lines	-
4735	BISHOP CRK55&115KV LINES	55	Lines	-
4750	115 KV LNS, ESTN T/S REG	115	Lines	516,398
4750	115 KV LNS, ESTN T/S REG	66/55/33	Lines	-
2236	BIG CREEK NO.4	220	100% Subs	-
2570	INYO	220	100% Subs	-
5001	METRO GOM MAINT	500	100% Subs	-
5019	HARBORGEN SUB	220	100% Subs	-
5026	EL SEGUNDO SWITCHRACK SUB	220	100% Subs	-
5032	MIDWAY SUB	500	100% Subs	-
5036	PASTORIA SUB	220	100% Subs	-
5044	CLWTR SWITCHRACKS 1,2	115	100% Subs	-
5045	MOHAVE SWITCHRACK	500	100% Subs	-
5047	RANCHO VISTA SUB	500	100% Subs	-
5054 & 895	Vincent	500	100% Subs	-
5058	SYLMAR SUB	220	100% Subs	-
5061	LUGO SUB	500	100% Subs	-
5065	PISGAH SUB	220	100% Subs	-
5089	LEWIS SUB	220	100% Subs	-
5091	MEAD SUB	500	100% Subs	-
5092	MOENKOPI SUB	500	100% Subs	-
5094	EAST SERIES CAPACITORS 1	500	100% Subs	-

Non ISO Account Balances			
350	352	353	
-	-	-	-
-	25,798	-	-
-	-	-	-
-	131,348	14,696	-
3,127	433,988	92,729	-
-	1,650,041	916,891	-
-	1,987,424	-	-
-	-	-	-
33,305	522,260	591,382	-
104,734	909,107	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
10,585	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
321,805	-	-	-
2,931	1,534,075	711,670	-
-	71	-	-
195,038	-	-	-
368,083	-	-	-
833,018	117,815	335	-
137,779	19,486	55	-
765,537	47,638	-	-
11,600,632	203,149	2,859,328	-
154,567	2,707	38,098	-

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Location	Description	Voltage	Study	359
5097	PALO VERDE SWITCHRACK SUB	500	100% Subs	-
8060	WHIRLWIND SUB	500	100% Subs	-
8084	HIGHWIND SUB	220	100% Subs	-
8367	COLORADO RIVER SUB	500	100% Subs	-
8372	PRIMM SUBSTATION	220	100% Subs	-
8960	WEST TRANSITION	500	100% Subs	-
8932	MIDWAY-PAC INTERTIE	500	100% Subs	-
8950	PARDEE-PAC INTERTIE	220	100% Subs	-
9219	RP&AS,LND&ESMNT REQUIS	220	100% Subs	-
5090	EL DORADO SUB(NEVADA)	500	100% Subs	94,492
5080	SERRANO SUB	500	100% Subs	2,236,590
5093	WEST SERIES CAPACITORS	500	100% Subs	-
8958	SYLMAR-PAC INTERTIE	220	100% Subs	-
5010	T.M. GOODRICH SUB-PASADEN	220	100% Subs	-
5018	DRYCREEK WIND SUB	220	100% Subs	-
8363	IVANPAH SUB	220	100% Subs	-
8369	RED BLUFF SUB	500	100% Subs	-
INTERNAL ORDER				
1451	EDISON ITAC	Misc	0% Subs	-
2150	MAMMOTH POOL LAKE-FP 2085	220	0% Subs	-
2202	BIG CREEK CANYON	220	0% Subs	-
2237	PORTAL POWER PLANT	3KV & Belo	0% Subs	-
2238	MAMMOTH POOL	220	0% Subs	-
2239	EASTWOOD POWER STATION	3KV & Belo	0% Subs	-
2300	HYDRO PRODUCTION	Misc	0% Subs	-
2301	SNTA ANA RV&MILL CRK CNYN	3KV & Belo	0% Subs	-
2303	LITTLE CRK&SN ANTONIO CNYN	3KV & Belo	0% Subs	-
2305	KERN RIVER CANYON	66KV	0% Subs	-
2307	KAWeah RIVER CANYON	66KV	0% Subs	-
2309	SAN GORGONIO CANYON	3KV & Belo	0% Subs	-
2313	KERN RIVER NO.1	66KV	0% Subs	-
2314	BOREL	66KV	0% Subs	-
2315	SANTA ANA NO.1	3KV & Belo	0% Subs	-
2317	SANTA ANA NO.3	3KV & Belo	0% Subs	-
2318	MILL CREEK NO.1	3KV & Belo	0% Subs	-
2319	MILL CREEK NO.2&3	3KV & Belo	0% Subs	-
2324	KAWeah NO.1	66KV	0% Subs	-
2325	KAWeah NO.2	66KV	0% Subs	-
2326	KAWeah NO.3	66KV	0% Subs	-
2327	LOWER TULE RIVER	66KV	0% Subs	-
2328	KERN RIVER NO.3	66KV	0% Subs	-
2331	ONTARIO NO.1	66KV	0% Subs	-
2500	EASTERN HYDRO REGION	55KV	0% Subs	-
2501	BISHOP CREEK CANYON	3KV & Belo	0% Subs	-
2503	MONO BASIN	115	0% Subs	-
?560 & 251 Lundy		55KV	0% Subs	-
2512	POOLE	3KV & Belo	0% Subs	-
2514	RUSH CREEK	115	0% Subs	-
2522	BISHOP CREEK NO.2	55KV	0% Subs	-
2523	BISHOP CREEK NO.3	3KV & Belo	0% Subs	-
2524	BISHOP CREEK NO.4	3KV & Belo	0% Subs	-
2525	BISHOP CREEK NO.5	3KV & Belo	0% Subs	-
2526	BISHOP CREEK NO.6	3KV & Belo	0% Subs	-
2553	FISH LAKE VALLEY METERING	55KV	0% Subs	-
2557	CASA DIABLO	115	0% Subs	-
2561	LEE VINING	115	0% Subs	-
2571	SHERWIN	115	0% Subs	-
2582	ZACK	55KV	0% Subs	-
2598	MT. TOM	55KV	0% Subs	-

Non ISO Account Balances

	350	352	353
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	317,627	5,816,830	(230)

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission Study Results
 As of December 2018

Location	Description	Voltage	Study	359
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Location	Description	Voltage	Study	Non ISO Account Balances		
				350	352	353
3717	DAF INDAL 500KW WND TURBN	3kV & Belo	0% Subs	-	714	-
5016	LEBEC SUBSTATION	220	0% Subs	-	-	15,138
5022	ARCOGEN SUB	220	0% Subs	-	-	963,824
5046	CLWTR SWITCHRACK 3,4 SUB	220	0% Subs	-	48,136	156,227
5048	MANDALAY SWITCHRACK SUB	220	0% Subs	-	49,104	2,561,161
5049	ORMOND BCH SWITCHRACK SUB	220	0% Subs	-	158,170	3,179,929
5051	SAUGUS SUB	66kV	0% Subs	-	13,373	5,436,194
5066	GENE SUB	220	0% Subs	-	-	30,050
5068	CAMINO SUB	220	0% Subs	-	-	12,697
5072	VELASCO SUB	220	0% Subs	-	-	2,168,142
5078	HUNTINGTON BCH SWITCHRCK	220	0% Subs	-	21,660	4,891,312
5095	TRITON SUB	115	0% Subs	-	2,415,092	2,377,770
5101	ALHAMBRA SUB	66kV	0% Subs	-	-	26,471,314
5107	BANDINI SUB	66kV	0% Subs	-	4,583	16,136
5109	BICKNELL SUB	3kV & Belo	0% Subs	-	-	-
5112	THUMSGEN SUBSTATION	66kV	0% Subs	-	-	2,451
5116	RUSH SUB	66kV	0% Subs	-	-	2,049
5141	ROSEMEAD SUB	66kV	0% Subs	-	-	38,757
5158	ARROYO SUB	66kV	0% Subs	-	-	10
5161	AMADOR SUB	66kV	0% Subs	-	-	123
5162	FAIR OAKS SUB	3kV & Belo	0% Subs	-	-	(47,687)
5165	JPL SUB	66kV	0% Subs	-	-	17,195
5167	MAYFLOWER SUB	3kV & Belo	0% Subs	-	-	3,666
5170	TEMPLE SUB	3kV & Belo	0% Subs	-	-	91,972
5178	KIRKWALL SUBSTATION	66kV	0% Subs	-	-	17,367
5179	RAVENDALE SUB	66kV	0% Subs	-	3,995	-
5185	CITRUS SUB	66kV	0% Subs	-	-	-
5186	CORTEZ SUB	66kV	0% Subs	-	-	37,984
5196	RAILROAD SUB	66kV	0% Subs	-	-	31,589
5198	ALHAMBRA DIST SUB TRG FAC	66kV	0% Subs	-	-	57,470
5204	CULVER CITY SUB	66kV	0% Subs	-	-	25,705
5207	SEPULVEDA SUB	66kV	0% Subs	-	-	2,046,562
5211	INGLEWOOD SUB	66kV	0% Subs	-	-	61,262
5213	LENNOX SUB	66kV	0% Subs	-	-	41,604
5224	PEARL SUB	3kV & Belo	0% Subs	-	-	-
5235	WINDSOR HILLS SUB	66kV	0% Subs	-	-	29,751
5236	VALDEZ SUB	66kV	0% Subs	-	-	25,054
5238	LAWNDALE SUB	3kV & Belo	0% Subs	-	-	17,794
5241	YUKON SUB	66kV	0% Subs	-	4,415	-
5250	SAWTILLE SUB	66kV	0% Subs	-	-	-
5257	BRIDGE SUB	66kV	0% Subs	-	-	70,183
5259	STIRRUP SUB	3kV & Belo	0% Subs	-	-	-
5273	STANHILL SUB	66kV	0% Subs	-	-	14,955
5315	LAUREL SUB	66kV	0% Subs	-	-	-
5325	STRATHMORE SUB	66kV	0% Subs	-	-	14,957
5333	WOODVILLE SUB	66kV	0% Subs	-	-	-
5352	LINE CREEK SUB	3kV & Belo	0% Subs	-	-	14,955
5357	CUMMINGS SUB	66kV	0% Subs	-	-	-
5358	MONOLITH SUB	66kV	0% Subs	-	-	0
5365	ACTON SUB	66kV	0% Subs	-	-	-
5374	RIVERWAY SUB	66kV	0% Subs	-	24,167	-
5375	MASCOT SUBSTATION	66kV	0% Subs	-	801,825	-
5504	CASITAS SUB	66kV	0% Subs	-	573,588	-
5506	CHANNEL ISLANDS SUB	66kV	0% Subs	-	-	(251)
5507	ORTEGA SUB	66kV	0% Subs	-	116,483	-
5508	DEL SUR SUB	66kV	0% Subs	-	-	30,102
5510	FILLMORE SUB	66kV	0% Subs	-	-	424,747
5511	GOLDTOWN SUB	66kV	0% Subs	-	5,566	-
5514	LANCASTER SUB	66kV	0% Subs	-	-	526,259
5518	LITTLE ROCK SUB	66kV	0% Subs	-	-	1,071,949
				-	-	1,690,353

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Location	Description	Voltage	Study	359
5522	SHUTTLE SUB	66kV	0% Subs	-
5526	OJAI SUB	66kV	0% Subs	-
5530	REDMAN WUB	66kV	0% Subs	-
5531	SANTA BARBARA SUB	66kV	0% Subs	-
5538	VENTURA SUB	3kV & Belo	0% Subs	-
5539	ANAVERDE SUB	66kV	0% Subs	-
5541	ROSAMOND SUB	66kV	0% Subs	-
5545	PIUTE SUB	66kV	0% Subs	-
5546	ELIZABETH LAKE SUB	66kV	0% Subs	-
5547	CORUM SUB	66kV	0% Subs	-
5548	OASIS SUB	66kV	0% Subs	-
5553	CAL CEMENT SUB	66kV	0% Subs	-
5557	NEWBURY SUB	66kV	0% Subs	-
5562	GRISWOLD SUB	3kV & Belo	0% Subs	-
5564	PALMDALE SUB	66kV	0% Subs	-
5566	QUARTZ HILL SUB	66kV	0% Subs	-
5599	HELIET SUB	66kV	0% Subs	-
5601	RANDALL SUB	66kV	0% Subs	-
5606	ORANGE PRODUCTS SUB	66kV	0% Subs	-
5612	INLAND CONTAINER SUB	66kV	0% Subs	-
5615	DECLEZ SUB	66kV	0% Subs	-
5631	SAN ANTONIO SUB	66kV	0% Subs	-
5646	COLTON CEMENT SUB	66kV	0% Subs	-
5652	AMERON SUB	66kV	0% Subs	-
5655	NOGALES SUB	66kV	0% Subs	-
5659	ARCHIBALD SUB	66kV	0% Subs	-
5664	WIMBLETON SUB	66kV	0% Subs	-
5670	DEL ROSA SUB	66kV	0% Subs	-
5674	WHIPPLE SUB	66kV	0% Subs	-
5678	LANDING SUB	66kV	0% Subs	-
5740	NAPLES SUBSTATION	3kV & Belo	0% Subs	-
5758	WATSON SUBSTATION	66kV	0% Subs	-
5787	SOUTH GATE SUBSTATION	3kV & Belo	0% Subs	-
5788	BOVINE SUBSTATION	66kV	0% Subs	-
5798	MOVIE SUBSTATION	66kV	0% Subs	-
5811	CHIQUITA SUBSTATION	66kV	0% Subs	-
5814	CARMENITA SUBSTATION	66kV	0% Subs	-
5816	PARKWOOD SUBSTATION	66kV	0% Subs	-
5828	WAVE SUBSTATION	66kV	0% Subs	-
5842	OCEANVIEW SUBSTATION	66kV	0% Subs	-
5843	ORANGE SUBSTATION	66kV	0% Subs	-
5849	SANTA ANA SUBSTATION	3kV & Belo	0% Subs	-
5853	TALBERT SUB	66kV	0% Subs	-
5860	ALTON SUBSTATION	66kV	0% Subs	-
5862	SULLIVAN SUBSTATION	66kV	0% Subs	-
5865	ESTRELLA SUBSTATION	66kV	0% Subs	-
5869	SHAWNEE SUBSTATION	66kV	0% Subs	-
5878	TUSTIN SUBSTATION	66kV	0% Subs	-
5892	TELEGRAPH SUB	66kV	0% Subs	-
5896	NIGUEL SUBSTATION	66kV	0% Subs	-
5902	LAS LOMAS SUB	66kV	0% Subs	-
7013	IMPERIAL COUNTY	115	0% Subs	-
8003	PAUBA(CEP) SUB	115	0% Subs	-
8004	THORNHILL(CEP) SUB	115	0% Subs	-
8005	STADLER(CEP) SUB	115	0% Subs	-
8009	PAN AERO (CEP) SUB	115	0% Subs	-
8010	PHELAN(CEP) SUB	115	0% Subs	-
8011	BANWIND SUBSTATION	115	0% Subs	-
8013	APPLE VALLEY(CEP) SUB	115	0% Subs	-
8014	BUNKER(CEP) SUB	115	0% Subs	-

Non ISO Account Balances

	350	352	353
	-	-	911,750
	-	13,050	-
	-	-	299,056
	-	40,153	-
	-	52,076	-
	-	-	76,359
	-	-	658,870
	-	11,023	149,257
	-	-	3,072
	-	-	-
	-	-	397,008
	-	15,551	367,757
	-	-	692,110
	-	-	603,424
	-	11,023	220,467
	-	-	499,396
	-	20,403	56,150
	-	13,596	-
	-	20,750	-
	-	-	23,032
	-	-	7,606
	-	43,167	-
	-	-	531,131
	-	16,835	525,170
	-	-	206,393
	-	1,282	17,343
	-	-	17,327
	-	8,714	-
	-	14,661	-
	-	-	114,340
	-	-	3,790
	-	-	17,255
	-	-	17,101
	-	1,963	17,658
	-	-	58,207
	-	14,314	146,427
	-	93,280	-
	-	-	58,101
	-	423,768	1,592,773
	-	6,882	-
	-	-	24,273
	241,262	-	-
	-	-	230,879
	-	-	41,148
	-	-	17,289
	11,308	-	-
	-	12,346	96,987
	-	-	21,384
	4,664,177	-	-
	-	-	1,702
	106,825	764,114	8,411,110
	25,609	996,193	9,379,205
	139,611	786,164	11,193,383
	154,446	751,072	7,063,296
	-	-	32,028
	-	1,389,452	10,366,982
	969,397	1,477,013	15,118,416

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Location	Description	Voltage	Study	359
8016	FARREL(CEP) SUB	115	0% Subs	-
8017	CONCHO(CEP) SUB	115	0% Subs	-
8018	AULD(CEP) SUB	115	0% Subs	-
8019	MAYXWELL(CEP) SUB	115	0% Subs	-
8020	SAVAGE(CEP) SUB	115	0% Subs	-
8021	PEPPER(CEP) SUB	115	0% Subs	-
8022	YUCCA(CEP) SUB	115	0% Subs	-
8023	BLACK MOUNTAIN(CEP) SUB	115	0% Subs	-
8024	ALESSANDRO(CEP) SUB	115	0% Subs	-
8025	BAKER(CEP) SUB	115	0% Subs	-
8026	BANNING(CEP) SUB	115	0% Subs	-
8027	COTTONWOOD(CEP) SUB	115	0% Subs	-
8028	EDWARDS(CEP) SUB	115	0% Subs	-
8029	HI DESERT(CEP) SUB	115	0% Subs	-
8030	MOUNTAIN PASS(CEP) SUB	115	0% Subs	-
8031	RANDSBURG(CEP) SUB	115	0% Subs	-
8032	ROCKET TEST(CEP) SUB	115	0% Subs	-
8033	SEARLES(CEP) SUB	115	0% Subs	-
8035	ZANJA(CEP) SUB	115	0% Subs	-
8036	SANTA ROSA(CEP) SUB	115	0% Subs	-
8038	NELSON(CEP) SUB	115	0% Subs	-
8039	HOMART(CEP) SUB	115	0% Subs	-
8041	HOLGATE(CEP) SUB	115	0% Subs	-
8042	CALECTRIC SUB (CEP)	115	0% Subs	-
8044	GARNET SUB	115	0% Subs	-
8045	IID TIE SUB	115	0% Subs	-
8047	TIEFORT SUB	115	0% Subs	-
8048	USBR BLYTHE SUB	161	0% Subs	-
8055	SN ONOFRE SWTHRK-100%SCE	220	0% Subs	-
8059	PUREWATER SUB	115	0% Subs	-
8061	SEAWIND T/S	115	0% Subs	-
8064	TIFFANYWIND SUB	115	0% Subs	-
8072	CARODEAN	115	0% Subs	-
8073	IVYGLEN SUB	115	0% Subs	-
8074	COOL WATER SWITCHRACK 1,2	220	0% Subs	-
8075	HIGHGROVE SWITCHRCK	115	0% Subs	-
8079	AQUEDUCT SUB	115	0% Subs	-
8082	MENTONE SUB	115	0% Subs	-
8086	CAJALCO SUB	115	0% Subs	-
8087	HESPERIA SUB	115	0% Subs	-
8088	SKYLARK SUB	115	0% Subs	-
8089	MAYBERRY SUB	115	0% Subs	-
8090	PERMANENTE SUB	115	0% Subs	-
8091	ELCENTRO TELEMTETING	161	0% Subs	-
8092	NILAND TELEMETTERING	161	0% Subs	-
8093	SHANDIN SUB	115	0% Subs	-
8094	ARROWHEAD SUB	115	0% Subs	-
8095	STETSON SUB	115	0% Subs	-
8097	DUNN SIDING SUB	115	0% Subs	-
8099	TAMARISK SUB	115	0% Subs	-
8102	AMARGO SUB	3KV & Belo	0% Subs	-
8104	FARRELL SUB	115	0% Subs	-
8110	BARSTOW SUB	3KV & Belo	0% Subs	-
8113	BLYTHE SUB	3KV & Belo	0% Subs	-
8117	BRYMAN SUB	3KV & Belo	0% Subs	-
8120	MILITARY SUB	3KV & Belo	0% Subs	-
8132	CAL CITY SUB	3KV & Belo	0% Subs	-
8137	DOWNS SUB	115	0% Subs	-
8152	GLEN IVY SUB	3KV & Belo	0% Subs	-
8163	HELDENALE SUB	3KV & Belo	0% Subs	-

Non ISO Account Balances				
	350	352	353	
	-	663,093	12,051,464	
	285,201	672,863	9,265,159	
	83,538	1,177,450	18,314,311	
	33,940	479,789	8,777,447	
	29,280	1,477,177	15,652,689	
	17,579	483,962	10,204,080	
	19,474	645,122	11,737,770	
	-	12,014	912,016	
	45,514	2,703,528	23,621,759	
	-	211,976	2,793,347	
	20,210	1,557,931	16,216,180	
	22,426	1,796,115	11,231,874	
	-	37,679	2,862,027	
	1,154,541	1,724,370	19,974,853	
	70,286	26,523	4,666,603	
	116	337,116	6,015,296	
	-	18,045	283,935	
	-	361,473	6,359,540	
	152,559	1,663,455	10,118,084	
	44,689	464,965	21,490,547	
	22,819	712,388	14,308,425	
	174,875	425,577	5,358,686	
	27,167	347,967	3,252,416	
	27,870	2,639,595	22,394,503	
	38,081	1,730,514	13,014,415	
	39,144	-	23,873	
	-	218,704	1,530,163	
	-	64,707	7,818,707	
	-	1,629,530	10,597,913	
	-	175,506	1,357,312	
	2,976	463	312,727	
	-	-	11,459	
	-	562,701	10,062,252	
	166,697	1,117,641	9,458,907	
	-	61,762	1,927,048	
	7,139	178,624	2,016,862	
	2,880	925,853	10,582,220	
	161,883	788,697	7,266,910	
	25,836	950,321	11,577,227	
	22,150	397,908	7,916,357	
	81,206	403,653	9,802,640	
	23,090	444,857	13,745,284	
	-	-	87,113	
	-	-	15,844	
	-	-	6,807	
	42,272	750,747	11,189,236	
	-	442,875	5,489,263	
	23,493	718,412	7,918,884	
	4,913	99,723	722,246	
	125,967	379,583	12,561,144	
	-	-	-	
	-	-	-	
	6,894	59,447		
	22,511	440,016		
	-	-	7,083	
	15,598	-		
	6,894	-		
	82,401	5,781,510	17,032,878	
	-	15,642	27,225	
	15,110	81,054		

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission Study Results
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Location	Description	Voltage	Study	359
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Non ISO Account Balances				
	350	352	353	
8179 Lakeview	115 0% Subs	-	1,488,305	- -
8182 BOTTLE SUB	115 0% Subs	-	-	158,075 1,283,195
8190 MINNEOLA SUB	3KV & Belo 0% Subs	-	-	- 5,725
8193 MORENO SUB	115 0% Subs	-	104,923	760,685 5,212,267
8195 MURRIETA 2 SUB	3KV & Belo 0% Subs	-	-	- 21,911
8197 SOUTHCAP SUB.	115 0% Subs	-	-	- 942,250
8198 MUSCOY SUB	3KV & Belo 0% Subs	-	-	- 132,416
8204 BELDING SUB	3KV & Belo 0% Subs	-	-	42,109 -
8212 ORO GRANDE SUB	3KV & Belo 0% Subs	-	-	- 7,994
8214 PALM CANYON SUB	3KV & Belo 0% Subs	-	-	30,644 -
8220 LUCERNE SUB	3KV & Belo 0% Subs	-	-	13,167 -
8222 RANCHO SUB	3KV & Belo 0% Subs	-	-	6,894 2,107
8225 RIALTO SUB	3KV & Belo 0% Subs	-	-	17,716 30,776
8226 RIDGECREST SUB	3KV & Belo 0% Subs	-	-	- 17,438
8234 SAN JACINTO SUB	3KV & Belo 0% Subs	-	-	- -
8250 TEMESCAL SUB	3KV & Belo 0% Subs	-	-	- 4,236
8260 VICTORVILLE SUB	3KV & Belo 0% Subs	-	-	18,135 22,159
8267 WILDE SUB	3KV & Belo 0% Subs	-	-	- -
8268 YERMO SUB	3KV & Belo 0% Subs	-	-	23,195 -
8270 TENAJA SUBSTATION	115 0% Subs	-	-	- 21,919
8273 IRON MT SCE	3KV & Belo 0% Subs	-	-	8,651 -
8283 GALE SUB	115 0% Subs	-	-	9,848 5,876,497
8294 GOLD HILL SUB	3KV & Belo 0% Subs	-	-	6,894 -
8301 BUCKWIND	115 0% Subs	-	-	25,208 751,981
8302 CAPWIHND	115 0% Subs	-	-	29,827 78,542
8303 RENWIND	115 0% Subs	-	-	15,102 827,522
8304 SANWIND	115 0% Subs	-	-	- 371,041
8305 TRANSWIND	115 0% Subs	-	-	25,366 1,061,136
8306 VENWIND	115 0% Subs	-	-	21,039 2,287,437
8308 ALTWIND	115 0% Subs	-	-	1,022 25,028
8310 TERAWIND	115 0% Subs	-	-	5,398 226,460
8311 INDIGO SUBSTATION	115 0% Subs	-	-	4,899 229,185
8312 CALGEN	115 0% Subs	-	532	1,600 12,970
8314 MCGEN	115 0% Subs	-	-	112,388 2,464,391
8320 SEGS II	115 0% Subs	-	-	- 45,594
8321 SEGS III	115 0% Subs	-	-	- 11,755
8322 SEGS IV	115 0% Subs	-	-	- 41,025
8323 SEGS V	115 0% Subs	-	-	- 8,814
8324 SEGS VI	115 0% Subs	-	-	- 39,130
8325 SEGS VII	115 0% Subs	-	-	- 119,704
8326 SEGS VIII	220 0% Subs	-	-	- 83,150
8327 SEGS IX	220 0% Subs	-	-	- 74,085
8340 SOPORT	115 0% Subs	-	-	42,538 654,012
8342 NEWCOMB	115 0% Subs	-	51,172	1,223,085 10,876,324
8343 ELSINORE	115 0% Subs	-	-	20,961 1,295,575 16,173,022
8344 SOUTH BASE SUB	115 0% Subs	-	-	12,179 143,764 2,017,154
8345 INDIAN WELLS SUB	115 0% Subs	-	222,600	930,666 12,795,164
8346 FOGARTY SUB	115 0% Subs	-	-	4,398,452 16,236,483
8347 PECHANGA SUB	115 0% Subs	-	560,579	844,656 11,267,214
8351 TANKER SUBSTATION	115 0% Subs	-	-	120 4,440 696,181
8353 PLUESS SUBSTATION	115 0% Subs	-	-	- 151,193
8354 AFG SUBSTATION	115 0% Subs	-	-	- 78,655 1,082,686
8357 RECTIFIER SUB	115 0% Subs	-	-	- 5,170 1,098,304
8359 MOUNTWIND SUBSTATION	115 0% Subs	-	-	- 53,698
8361 COSO SUB	115 0% Subs	-	91,119	1,641,131 4,788,019
8362 MOVAL SUBSTATION	115 0% Subs	-	-	- 128,640 491,674
8504 RITTER SUB	66kV 0% Subs	-	942,487	- -
8509 PHARMACY SUBSTATION	66kV 0% Subs	-	-	- 43,289
8511 GLOW SUBSTATION	66kV 0% Subs	-	-	- 128,972
8558 PLASTER SUBSTATION	66kV 0% Subs	-	4,671	- -

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Location	Description	Voltage	Study	359
8810	ONEIL SUBSTATION	66kV	0% Subs	-
8956	MWD EASTSIDE RES	115	0% Subs	-
9009	CONSTR FIELD FORCES	Offices & M	0% Subs	-
9047	TRANS/SUB SUPPORT SERV	Offices & M	0% Subs	-
9287	REAL PROP-LAND SVCS-STHRN	Misc	0% Subs	-
9440	WESTMINSTER FENWICK BLDG	Offices & M	0% Subs	-
9900	PLANT ACCTG-MISC. LEDGER	Offices & M	0% Subs	-
5110	WABASH (NEW) SUB	66kV	0% Subs	-
5139	GENAMIC SUB	66kV	0% Subs	-
5164	REPETTO SUB	66kV	0% Subs	-
5215	MADRID SUB	3kV & Belo	0% Subs	-
5221	OCEAN PARK SUB	3kV & Belo	0% Subs	-
5226	BRIGHTON SUB	66kV	0% Subs	-
5229	MOBILIOIL SUB	66kV	0% Subs	-
5239	CRATER SUB	66kV	0% Subs	-
5242	COLORADO SUB	66kV	0% Subs	-
5252	ROLLING HILLS SUB	66kV	0% Subs	-
5260	COLOSSUS SUB	66kV	0% Subs	-
5268	TOPAZ SUB	66kV	0% Subs	-
5271	TAHITI SUB	66kV	0% Subs	-
5275	MARYMOUNT SUB	66kV	0% Subs	-
5282	PALOGEN SUB	66kV	0% Subs	-
5302	BIG CREEK 2	3kV & Belo	0% Subs	-
5320	OCTOL SUB	66kV	0% Subs	-
5339	GREENHORN SUB	66kV	0% Subs	-
5410	FLOWIND SUB	66kV	0% Subs	-
5412	SILVER PEAK SUB	55kV	0% Subs	-
5520	MODOC SUB	3kV & Belo	0% Subs	-
5576	NEWHALL SUB	66kV	0% Subs	-
5616	FLANCO SUB	3kV & Belo	0% Subs	-
5618	FIREHOUSE SUB	66kV	0% Subs	-
5621	HUSTON SUB	3kV & Belo	0% Subs	-
5626	PEDLEY SUB	66kV	0% Subs	-
5633	SAN DIMAS SUB	66kV	0% Subs	-
5645	LAYFAIR SUB	66kV	0% Subs	-
5650	LINDE AIR SUB	66kV	0% Subs	-
5654	REDUCTION SUB	66kV	0% Subs	-
5656	BAIN SUB	66kV	0% Subs	-
5658	PIPE SUB	66kV	0% Subs	-
5714	CUDAHY SUB	66kV	0% Subs	-
5754	SOMERSET SUBSTATION	66kV	0% Subs	-
5766	DAISY SUBSTATION	3kV & Belo	0% Subs	-
5893	PASSONS SUB	66kV	0% Subs	-
1860	PALOVERDE NUCL GEN PLT-U1	500	0% Subs	-
1864	PALO VERDE-UNIT 2	500	0% Subs	-
1866	PALO VERDE-UNIT 3	500	0% Subs	-
1867	PALOVERDE-COMMON 1,2,3	500	0% Subs	-
5832	LA HABRA SUBSTATION	66kV	0% Subs	-
8078	SUN CITY(NEW)	115	0% Subs	-
8096	MARSCHINO SUB	115	0% Subs	-
8098	EISENHOWER SUB	115	0% Subs	-
8348	MORAGA	115	0% Subs	-
9310	TELCOMM-ALHAMBRA	Misc	0% Subs	-
6011	RIALTO COMB FAC. BLDG B&C	Offices & M	0% Subs	-
8121	CANTIL SUB	3kV & Belo	0% Subs	-
8123	CATHEDRAL CITY SUB	3kV & Belo	0% Subs	-
8136	DESERT OUTPOST SUB	3kV & Belo	0% Subs	-
8159	EL SOBRANTE SUB	3kV & Belo	0% Subs	-
8161	HARVARD SUB	3kV & Belo	0% Subs	-
8170	INYOKERN TOWN SUB	3kV & Belo	0% Subs	-

Non ISO Account Balances			
350	352	353	
1,188,142	-	-	-
-	-	-	-
-	-	527,316	-
-	-	74,775,490	-
12,869	-	-	-
8,929	-	-	-
631	-	-	-
24,360	-	-	-
5,739	-	-	-
17,757	-	-	-
575	-	-	-
4,164	-	-	-
3,804	-	-	-
3,652	-	-	-
-	-	9,057	-
40,180	-	-	-
27,085	-	-	-
-	-	7,141	-
29,219	-	-	-
23,749	-	-	-
4,862	-	-	-
42,738	-	-	-
1,018,533	-	-	-
13,523	-	-	-
-	-	-	-
413,802	-	-	-
22,342	-	-	-
6,520	-	-	-
45,573	-	-	-
22,868	-	-	-
19,651	-	-	-
2,166	-	-	-
15,935	-	-	-
34,835	-	-	-
704	-	-	-
32,989	-	-	-
32,033	-	-	-
33,691	-	-	-
12,646	-	-	-
3,215	-	-	-
-	-	2,597,299	-
-	-	2,488,614	-
-	-	5,007,636	-
7,766	-	2,722,616	-
-	-	17,125	-
119,513	1,887,934	7,918,228	-
27,809	1,611,970	9,532,365	-
189,886	812,071	12,175,309	-
40,720	307,859	17,249,030	-
327,844	-	-	-
-	2,770	-	-
7,293	-	-	-
9,939	-	-	-
13,544	-	-	-
4,126	-	-	-
8,458	-	-	-
7,735	-	-	-

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8172	JOSHUA TREE SUB	3kV & Belo	0% Subs	-
8216	PEERLESS SUB	3kV & Belo	0% Subs	-
8238	SILVER SPUR SUB	3kV & Belo	0% Subs	-
8244	SUNNY DUNES SUB	3kV & Belo	0% Subs	-
8255	TWENTYNINE PALMS SUB	3kV & Belo	0% Subs	-
9077	INFO TECH-GO2	Offices & M	0% Subs	-
9235	RP&AS-NRTHSHRE REC AREA	Offices & M	0% Subs	-
2612	MINARET	3kV & Belo	0% Subs	-
5120	FEDERALGEN SUB	66kV	0% Subs	-
5152	JOSE SUB	66kV	0% Subs	-
5175	VAIL SUB	66kV	0% Subs	-
5188	DALTON SUB	66kV	0% Subs	-
5201	BEVERLY HILLS SUB	66kV	0% Subs	-
5210	HOWARD SUB	66kV	0% Subs	-
5405	CANWIND SUB	66kV	0% Subs	-
5406	ENWIND SUB	66kV	0% Subs	-
5409	MORWIND SUB	66kV	0% Subs	-
5414	DUTCHWIND SUB	66kV	0% Subs	-
5415	OAKWIND SUB	66kV	0% Subs	-
5424	MIDWIND SUB	66kV	0% Subs	-
5535	CHARMIN SUB	66kV	0% Subs	-
5572	GAVIOTA SUB	66kV	0% Subs	-
5604	TIMOTEOT SUB	66kV	0% Subs	-
5629	REDLANDS SUB	66kV	0% Subs	-
5636	YUCAIPA SUB	66kV	0% Subs	-
5661	RUNNING SPRINGS SUB	3kV & Belo	0% Subs	-
5667	ARCHLINE SUB	66kV	0% Subs	-
5668	CRESTMORE SUB	66kV	0% Subs	-
5680	DIAMOND BAR SUB	66kV	0% Subs	-
5718	FRUITLAND SUB	66kV	0% Subs	-
5720	FREEMONT SUB	66kV	0% Subs	-
5779	DAVIDSON CITY	3kV & Belo	0% Subs	-
5812	MURPHY SUB	66kV	0% Subs	-
5886	PIONEER SUB	66kV	0% Subs	-
8207	HOLIDAY SUB	3kV & Belo	0% Subs	-
8210	OLIVE LAKE SUB	3kV & Belo	0% Subs	-
8231	RUBIDOUX SUB	3kV & Belo	0% Subs	-
8252	TRONA SUB	3kV & Belo	0% Subs	-
8056	LAKEVIEW SUB	115	0% Subs	-
8058	EASTWIND SUB	220	0% Subs	-
8081	BADLANDS SUB	115	0% Subs	-
8339	GREENWALD SUB	115	0% Subs	-
8373	BLAST SUBSTATION	115	0% Subs	-
5305	DELANO SUB	66kV	0% Subs	-
5312	LIBERTY SUB	66	0% Subs	-
5321	PIXLEY SUB	66kV	0% Subs	-
5331	VISALIA SUB	66kV	0% Subs	-
1020	STM GEN	Misc	0% Subs	-
6027	MONROVIA SERVICE CENTER	MR SRVC F	0% Subs	-
8366	LEATHERNECK SUB	115	0% Subs	0
8071	CLEMENTINE	115	0% Subs	-
5216	MANHATTAN SUB	3kV & Belo	0% Subs	-
5218	MONETA SUB	3kV & Belo	0% Subs	-
5227	REDONDO SUB	3kV & Belo	0% Subs	-
5228	ROSECRANS SUB	66kV	0% Subs	-
5231	SANTA MONICA SUB	66kV	0% Subs	-
5246	DITMAR SUB	66kV	0% Subs	-
5254	HAVEDA SUB	3kV & Belo	0% Subs	-
5255	LUNADA SUB	3kV & Belo	0% Subs	-
5267	SPACE SUB	66kV	0% Subs	-

Non ISO Account Balances

350	352	353
-	9,177	-
-	-	7,635
-	8,994	-
-	13,259	-
-	11,480	-
-	-	-
-	-	-
-	6,944	-
-	56,769	3,887
-	15,470	-
-	82,794	-
-	-	-
-	-	-
-	17,431	-
-	-	9,895
-	11,023	29,527
-	-	6,367
-	11,023	7,801
-	-	23,342
-	-	23,000
-	-	27,327
-	-	118,097
-	1,760	-
-	29,558	21,359
-	31,005	-
-	31,398	-
-	12,856	-
-	14,975	-
-	-	49,398
-	12,712	-
-	6,957	-
-	6,957	-
-	20,469	-
-	6,944	-
-	19,356	-
-	558	-
-	6,317	-
-	6,499	7,864
100	9,442,822	22,745,941
-	-	23,430
-	21,176	-
-	10,350	8,152
-	471,546	69,402
-	60,018	-
-	301,990	-
-	18,619	-
-	35,561	-
-	-	-
-	38,734	12,644
-	41,635	69,695
-	10,762	-
-	16,856	-
-	33,678	-
-	70,272	-
-	19,278	-
-	8,978	-
-	30,118	-
-	8,090	-
-	21,279	-

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5274	GALAXY SUB	66KV	0% Subs	-
5411	ARBWIND SUB	66KV	0% Subs	-
5570	VEGAS SUB	66KV	0% Subs	-
5624	NORCO SUB	3KV & Belo	0% Subs	-
5628	TENNESSEE SUB	66KV	0% Subs	-
5635	UPLAND SUB	66KV	0% Subs	-
5639	FRANCIS SUB	66KV	0% Subs	-
5726	HATHAWAY SUBSTATION	66KV	0% Subs	-
5881	JOHANNA SUBSTATION	220	0% Subs	-
8119	CADY SUB	3KV & Belo	0% Subs	-
8140	EAST BARSTOW SUB	3KV & Belo	0% Subs	-
8148	FOREST HOME SUB	3KV & Belo	0% Subs	-
8175	INDIAN WELLS SUB	115	0% Subs	-
8211	ORDWAY SUB	3KV & Belo	0% Subs	-
8263	PEREZ SUB	3KV & Belo	0% Subs	-
8279	CORONA SUB	66KV	0% Subs	-
8295	TORTILLA SUB	115	0% Subs	-
9300	ALHAMBRA COMM SITE	Misc	0% Subs	-
2587	SKILAND (MAMMOTH LAKE) SUBSTA	3KV & Belo	0% Subs	-
1000	DIV MTCE / OVERHAUL MNGT	66KV	Mix Subs	-
1250	MOUNTAINVIEW POWER-COMMON	220	Mix Subs	-
1869	PALOVERDE-SWITCHYARD	500	Mix Subs	-
1870	PV UNIT 1-INCREMENTAL	500	Mix Subs	-
3076 & 199	San Bernardino-220kv Switchyard &	220	Mix Subs	-
2211	BIG CREEK NO.1	220	Mix Subs	-
2212	BIG CREEK NO.2	220	Mix Subs	-
2229	BIG CREEK NO.8	220	Mix Subs	-
2230	BIG CREEK NO.3	220	Mix Subs	-
2234	BIG CREEK NO.2A	220	Mix Subs	-
5000	SUBSTN DIV	Misc	Mix Subs	-
5011	EAGLE ROCK SUB	220	Mix Subs	-
5012	MESA SUB	220	Mix Subs	-
5013	RIO HONDO SUB	220	Mix Subs	-
5023	EL NIDO SUB	220	Mix Subs	-
5024	LA CIENEGA SUB	220	Mix Subs	-
5025	ALAMITOS SWITCHRACK SUB	220	Mix Subs	-
5027	LG BCH SWITCHRACK SUB	220	Mix Subs	-
5028	REDONDO SWITCHRACK SUB	220	Mix Subs	-
5031	MAGUNDEN SUB	220	Mix Subs	-
5033	RECTOR SUB	220	Mix Subs	-
5035	VESTAL SUB	220	Mix Subs	-
5038	NO. T/S REG OFC/VALENCIA	Misc	Mix Subs	-
5040	EAGLE MT. SUB	220	Mix Subs	-
3041 & 3040	Inyokern (CEP) & Inyokern	115	Mix Subs	-
3042 & 3044	Kramer & Kramer-Radial Line Agmt	220	Mix Subs	-
5043	CIMA SUB	220	Mix Subs	-
5050	PARDEE SUB	220	Mix Subs	-
5055	GOLETA SUB	220	Mix Subs	-
5056	MOORPARK SUB	220	Mix Subs	-
5059	BAILEY SUB	220	Mix Subs	-
5060	PADUA SUB	220	Mix Subs	-
5062	CHINO SUB	220	Mix Subs	-
5063	JULIAN HINDS SUB	220	Mix Subs	-
5064	VISTA SUB	220	Mix Subs	-
5067	DEVERS SUB	500	Mix Subs	-
3070 & 3033	Valley & Valley - CEP	500	Mix Subs	-
5071	HINSON SUB	220	Mix Subs	-
5073	LIGHTHYPE SUB	220	Mix Subs	-

Non ISO Account Balances		
350	352	353
-	8,898	-
-	-	6,186
5,801	-	-
-	66,934	-
-	44,558	-
-	21,532	-
-	59,194	-
-	21,380	-
-	14,630	-
-	13,561	-
-	12,855	-
-	15,135	-
-	103,197	-
-	15,610	-
-	29,219	-
-	5,855	-
-	48,114	-
-	-	9,775
-	129,612	-
-	-	-
-	-	-
-	-	2,655
-	-	13,641,801
-	868,695	3,337,542
-	-	82,354
219,900	3,860,491	38,139,942
-	129,467	4,512,604
-	-	640,487
-	10,031	891,844
-	585,230	2,741,690
-	-	435,694
-	-	1,381,388
16,252	4,285,578	28,392,977
1,381,759	7,019,509	41,076,839
300,832	5,224,768	53,771,676
206,258	10,943,137	39,248,112
1,471,309	3,997,887	31,012,464
38,492	1,941,738	24,935,084
64,821	883,538	5,715,050
3,978	12,149	1,968,082
424	824,622	680,850
164,129	10,791,421	52,073,302
3,101	994,133	28,003,209
32,496	1,311,895	-
-	349,983	17,251,575
5,716	429,594	10,708,929
10,519	1,058,454	11,250,785
1,617	15,177	2,912,313
103,993	7,805,324	9,488,115
147,943	1,688,858	18,344,856
160,496	5,816,675	59,764,375
-	76,766	1,505,550
91,322	3,348,462	33,432,894
26,515	3,010,285	29,326,361
-	(49,494)	348,841
42,507	21,522,222	63,161,464
224,702	11,648,012	35,960,266
216,490	32,155,989	141,940,939
512,570	2,475,475	29,258,796
114,947	9,769,489	26,065,681

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Location	Description	Voltage	Study	359
5075	DEL AMO SUB	220	Mix Subs	-
5079	WINDHUB SUB	500	Mix Subs	-
5081	BARRE SUB	220	Mix Subs	-
5082	VILLA PARK SUB	220	Mix Subs	-
5084	CENTER SUB	220	Mix Subs	-
5085 & 588	JOHANNA SUB	220	Mix Subs	-
5086	ELIS SUB	220	Mix Subs	-
5087	OLINDA SUB	220	Mix Subs	-
5088	SANTIAGO SUB	220	Mix Subs	-
5096	ETIWANDA SWITCHRACK SUB	220	Mix Subs	-
5100	METRO REGION	3KV & Belo	Mix Subs	-
5556	NEENACH SUB	66KV	Mix Subs	-
8065	ALBERHILL SUB	500	Mix Subs	-
9339	CONWAY SUMMIT COMM SITE	Misc	Mix Subs	-
8370	SANDLOT SUB	220	Mix Subs	-
8063	CHEVMAIN	220	Mix Subs	-
6072	BARSTOW NO RGN-SAN BERDOO	MR SRVC F	Mix Subs	-
9010	B&A-T/S 3RD FLOOR-GO3	220	Mix Subs	-
9024	CHINO OFC BLDG (FACILITY)	Misc	Mix Subs	-
7010	FRESNO COUNTY	3KV & Belo	Mix Subs	-
7056	VENTURA COUNTY	3KV & Belo	Mix Subs	-
8000	ROADWAY(CEP)	115	Mix Subs	-
8006	EL CASCO SUBSTATION	220	Mix Subs	-
8037	TORTILLA(CEP) SUB	115	Mix Subs	-
8049	VICTOR SUB	220	Mix Subs	-
9203	FUELS	Misc	Mix Subs	-
9221	INNOVATION VILLAGE 1	Offices & M	Mix Subs	-
9243	CONTROL SYS SEC-ALHAMBRA	Offices & M	Mix Subs	-
9078	IRVINE OPER CENTER	Misc	Mix Subs	-
9330	TELECOMM-ALHAMBRA	Misc	Mix Subs	-
2556	CONTROL STATION	115	Mix Subs	-
5014	WALNUT SUB	220	Mix Subs	-
5015	GOULD SUB	220	Mix Subs	1,468
5021	LA FRESA SUB	220	Mix Subs	-
5052	ANTELOPE SUB	500	Mix Subs	-
5053	SANTA CLARA SUB	220	Mix Subs	3,878
5069	MIRA LOMA SUB	500	Mix Subs	-
5074	LAGUNA BELL SUB	220	Mix Subs	-
5083	VIEJO SUBSTATION	220	Mix Subs	-
8012	MIRAGE(CEP) SUB	220	Mix Subs	0
5034	SRINGVILLE SUB	220	Mix Subs	-

805,712
 65,566,422
 106,701,021
 4,845
 564,110
 121,081
 20,412
173,783,603

Non ISO Account Balances				
	350	352	353	
	133,956	5,766,268	50,438,718	
	136,546	4,395,073	23,494,124	
	57,570	2,782,279	41,323,892	
	186,166	4,627,892	38,240,088	
	64,619	4,811,226	47,797,404	
	549,950	3,991,639	16,464,648	
	45,799	4,033,975	59,516,631	
	330,344	1,889,507	28,959,125	
	121,825	2,963,849	33,536,477	
	149,560	3,560,371	45,006,672	
	-	-	84,147	
	-	-	167,426	
	-	-	-	
	-	-	6,299	
	-	330,688	1,679,459	
	-	287,429	11,746,229	
	-	2,684	-	
	-	348	-	
	-	131,618	-	
	-	-	-	
	-	-	31,596	
	86,369	593,160	10,824,789	
	-	26,673,714	50,534,091	
	11,670	886,412	6,874,746	
	2,521	1,937,007	12,975,878	
	-	-	144,420	
	-	-	637,770	
	-	132,323	1,251,421	
	-	2,905	-	
	-	-	43,143	
	-	283,795	2,132,106	
	91,361	4,799,335	32,335,281	
	18,399	1,057,968	20,794,757	
	83,474	4,918,860	81,131,218	
	1	923,780	1,910,263	
	100,395	3,041,801	36,803,390	
	69,133	27,979,649	29,688,304	
	97,721	2,343,220	36,806,729	
	10,086,520	6,668,804	26,386,644	
	350,409	2,785,216	34,000,148	
	8,819	1,741,348	24,261,451	

SCHEDULE 9

EDIT AND AMORTIZATION

WORKPAPERS

SCE FERC 2018 EXCESS DEFERRED INCOME TAXES								
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(I)
	12/31/2017 FERC-RELATED (EXCESS) DEFERRED TAXES AS REFLECTED IN TABLE ON P. 123.26 OF SCE's 2018 FERC FORM 1	RETURN-TO-PROVISION UPDATES	ADJUSTED 12/31/2017 FERC-RELATED EDIT	2018 AMORTIZATION OF EDIT AS REFLECTED IN TABLE ON P. 123.6 OF SCE's 2018 FERC FORM 1	ADJUSTMENTS TO 2018 AMORTIZATION FOR 4-YEAR AMORTIZATION FOR UNPROTECTED PROPERTY RELATED	ADJUSTMENTS TO 2018 AMORTIZATION (Update based on Final CPUC decision on methodology)	Computational Error in Original Offer (2018 only)	2018 FINAL AMORTIZATION OF EDIT
1 <u>Protected - Property Related*</u>								
2 Method/Life	(595,797,707)	(10,732,915)	(606,530,622)	5,134,308	3,261,057	8,395,365	(598,135,257)	
3 CPI	10,441,650	(326,864)	10,114,786	(1,206,079)	90	(1,205,989)	8,908,797	
4 FERC S Georgia - Norm	5,837,549	-	5,837,549	(898,084)	(0)	(898,084)	4,939,465	
5 Federal NOL	20,208,190	487,152	20,695,342	-	-	-	20,695,342	
6								
7	(559,310,318)	(10,572,627)	(569,882,945)	3,030,145	-	3,261,146	-	6,291,291
8								(563,591,653)
9 <u>Unprotected - Property Related**</u>								
10 Mixed Service Costs	(30,090,014)	1,246,444	(28,843,570)	3,073,706	4,137,186	(700)	7,210,192	(21,633,378)
11 AFUDC Debt	(4,687,661)	(288,245)	(4,975,907)	257,461	986,516	66,511	1,310,488	(3,665,419)
12 Tax Repair Deduction	(39,668,133)	(2,486,904)	(42,155,037)	2,032,836	8,505,923	1,059,315	11,598,074	(30,556,962)
13 Capitalized Software Deduction	(2,159,278)	(647,072)	(2,806,350)	456,607	244,981	294,218	995,806	(1,810,544)
14 Other Historical Basis Differences	(7,482,081)	(1,570,969)	(9,053,050)	1,754,673	508,590	125,609	2,388,871	(6,664,179)
15 Federal Benefit of State Taxes	27,597,305	(229,999)	27,367,306	(725,844)	(6,115,983)	-	(6,841,826)	20,525,479
16								
17	(56,489,863)	(3,976,745)	(60,466,608)	6,849,438	8,267,214	-	1,544,953	16,661,605
18								(43,805,003)
19 Cost of Removal - Book Accrual***	38,168,000	18,116,885	56,284,884	(633,239)	633,240	0	0	56,284,885
20								
21 Total Property Related	(577,632,181)	3,567,513	(574,064,668)	9,246,343	8,267,214	3,894,386	1,544,953	22,952,897
22								(551,111,771)
23 <u>Unprotected - Non-Property Related****</u>								
24 Amort of Debt Issuance Cost	56,922	-	56,922	(56,922)		(56,922)	-	
25 Executive Incentive Comp	39,710	-	39,710	(39,710)		(39,710)	-	
26 Bond Discount Amort	67,659	-	67,659	(67,659)		(67,659)	-	
27 Executive Incentive Plan ST	6,060	-	6,060	(6,060)		(6,060)	-	
28 Executive Incentive Plan LT	13,333	-	13,333	(13,333)		(13,333)	-	
29 Ins - Inj/Damages Prov	743,491	-	743,491	(743,491)		(743,491)	-	
30 Accrued Vacation	302,368	-	302,368	(302,368)		(302,368)	-	
31 PBOP 401H Amortization	876,422	-	876,422	(876,422)		(876,422)	-	
32 EMS	109,342	-	109,342	(109,342)		(109,342)	-	
33 Amortization of Debt Expense	83,739	-	83,739	(83,739)		(83,739)	-	
34 Pension & PBOP	229,274	-	229,274	(229,274)		(229,274)	-	
35 Ad Valorem Lien Date Adj	(3,689,886)	117,731	(3,572,154)	3,572,154		3,572,154	-	
36 Refunding & Retirement of Debt	(3,476,778)	-	(3,476,778)	3,476,778		3,476,778	-	
37 Health Care - IBNR	(29,022)	-	(29,022)	29,022		29,022	-	
38								
39 Total Non-Property Related	(4,667,365)	117,731	(4,549,634)	4,549,634	-	-	4,549,634	-
40								
41 Grand Total	(582,299,547)	3,685,244	(578,614,302)	13,795,977	8,267,214	3,894,386	1,544,953	27,502,531
								(551,111,771)

* - Amortized into rates under average rate assumption method (ARAM).

** - Amortized into rates over 4 years.

*** - Amortization subject to pending SCE private letter ruling request and/or IRS guidance developed from IRS Notice 2019-33.

**** - Amortized entirely over 1 year in 2018.

SCHEDULE 10
FERC CWIP CAPITAL EXPENDITURE PLAN
WORKPAPERS

Project	Description	TOTAL Jan 19 - Dec 20	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
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TRTP Segments 3B and 4-11

7183 Segment 3B

800062547	230 kV Transmission Line Between Highwind and Windhub Substa	4	2	2	1	-	-	-	-	-	-	-	-	-
Total Segment 3B		4	2	2	1	-								

5243 Segment 6

800217316	I: TRTP 6-2: New Vincent-Duarte 500kV: Construct new 27 miles sin	2,817	9	203	222	20	84	29	124	414	514	564	414	219
Total Segment 6		2,817	9	203	222	20	84	29	124	414	514	564	414	219

6438 Segment 7

800218138	I: TRTP 7-3: Antelope-Mesa 230kV T/L: Construct new 16-mile doub	20	3	6	8	4	-	-	-	-	-	-	-	-
Total Segment 7		20	3	6	8	4	-							

6439 Segment 8

800218645	I: TRTP 8-8: Mira Loma-Vincent: Construct new 33 miles 500kV T/L	(12)	14	20	44	(215)	124	-	-	-	-	-	-	-
Total Segment 8		(12)	14	20	44	(215)	124	-						

7553 TRTP Segment 8A (TRTP 500kV Underground)

900610533	Mira Loma-Vincent 500 kV T/L (UG): Civil & Cable Portion	40	(8)	10	26	13	-	-	-	-	-	-	-	-
801479004	TRTP-Segment 8A CHUG: Land/ Easements Acquisition/ Condemna	72	4	22	46	-	-	-	-	-	-	-	-	-
901109252	East Transition Station	271	144	8	(1)	116	2	2	-	-	-	-	-	-
901109253	West Transition Station	(26)	(27)	4	(3)	0	-	-	-	-	-	-	-	-
Total TRTP Segment 8A		357	113	44	67	128	2	2	-	-	-	-	-	-

6442 Segment 11

800217339	I: TRTP 11-1: Mesa-Vincent #1 500kV: Construct 18.6 miles Mesa-V	461	3	193	187	7	9	9	9	9	9	9	9	9
Total Segment 11		461	3	193	187	7	9							

Subtotal TRTP Segments 3B

Subtotal TRTP Segments 3B		4	2	2	1	-	-	-	-	-	-	-	-	-
Subtotal TRTP Segments 4 - 11		3,643	142	467	528	(56)	219	40	133	423	523	573	423	228
Total TRTP Segments 3B & 4 - 11		3,647	144	468	529	(56)	219	40	133	423	523	573	423	228

8169 Colorado River Substation Expansion

900603420	Devers: Relays for D-RB 500kV N-2 SPS	16,316	2	1	4	44	44	44	44	44	44	44	44	44
Total CRS Expansion		16,316	2	1	4	44								

7650/7695 Whirlwind Substation Expansion

901368041	Install N60 relays to add generation to Whirlwind AA Bank SPS	5	2	3	0	0	-	-	-	-	-	-	-	-
901307713	Whirlwind 3rd AA bank and SPS	2	0	-	2	-	-	-	-	-	-	-	-	-
Total Whirlwind Sub Expansion		7	2	3	0	-								

6902 Calcite Substation (formerly Jasper; part of South of Kramer)

900295954	Calcite: LGIA Engineer and construct a new interconnection facility	2,905	24	26	16	25	25	25	25	25	25	25	25	33
Total South of Kramer (Jasper Portion)		2,905	24	26	16	25	33							

6420 West of Devers Upgrade Project

800062511	Pre-Engineering (Morongo Transmission Relocation Project)	0	-	-	0	-	-	-	-	-	-	-	-	-
901453922	Devers Sub: Install 220kV CBs & DSs	901	7	41	4	-	-	-	-	-	-	-	-	-
901453923	El Casco Sub: Install 220kV Terminal Equipment	1,100	19	5	18	50	50	50	50	50	50	50	50	133
901453924	Etiwanda Sub: Install 220kV Relay Equipment	0	0	0	-	-	-	-	-	-	-	-	-	-
901453925	San Bernardino : Install Disconnects	1,645	51	23	36	41	41	41	41	160	190	171	18	85
901460764	Rebuild Devers-El Casco & El Casco-San Bernardino 220kV	311,397	23,901	12,123	21,102	12,696	13,546	12,546	14,546	11,987	11,036	13,036	9,187	8,117
901453926	Vista Sub: Install Disconnects	1,340	16	66	37	80	50	50	50	50	50	50	50	120
801275175	Acquire Easements for West of Devers	2,771	27	12	13	535	535	550	35	35	25	25	25	574
Total West of Devers		319,155	24,021	12,271	21,209	13,402	14,222	13,237	14,722	12,282	11,351	13,332	9,305	9,030

6092 Alberhill System

800063633	Licensing Phase - Site Selection, PEA/Application Preparation, Env	1,570	105	63	33	103	68	71	65	71	65	71	44	26
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Project	Description	Total 2019	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total 2020	Operating Date
TRTP Segments 3B and 4-11																
7183	Segment 3B															
800062547	230 kV Transmission Line Between Highwind and Windhub Substa	4	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-12
Total Segment 3B		4	-	-	-	-	-	-	-	-	-	-	-	-	-	
5243	Segment 6															
800217316	I: TRTP 6-2: New Vincent-Duarte 500kV: Construct new 27 miles sin	2,817	-	-	-	-	-	-	-	-	-	-	-	-	-	Nov-14
Total Segment 6		2,817	-	-	-	-	-	-	-	-	-	-	-	-	-	
6438	Segment 7															
800218138	I: TRTP 7-3: Antelope-Mesa 230kV T/L: Construct new 16-mile doub	20	-	-	-	-	-	-	-	-	-	-	-	-	-	Feb-18
Total Segment 7		20	-	-	-	-	-	-	-	-	-	-	-	-	-	
6439	Segment 8															
800218645	I: TRTP 8-8: Mira Loma-Vincent: Construct new 33 miles 500kV T/L	(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	Mar-16
Total Segment 8		(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	
7553	TRTP Segment 8A (TRTP 500kV Underground)															
900610533	Mira Loma-Vincent 500 kV T/L (UG): Civil & Cable Portion	40	-	-	-	-	-	-	-	-	-	-	-	-	-	Oct-16
801479004	TRTP-Segment 8A CHUG: Land/ Easements Acquisition/ Condemna	72	-	-	-	-	-	-	-	-	-	-	-	-	-	Sep-19
901109252	East Transition Station	271	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-16
901109253	West Transition Station	(26)	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-16
Total TRTP Segment 8A		357	-	-	-	-	-	-	-	-	-	-	-	-	-	
6442	Segment 11															
800217339	I: TRTP 11-1: Mesa-Vincent #1 500kV: Construct 18.6 miles Mesa-V	461	-	-	-	-	-	-	-	-	-	-	-	-	-	May-15
Total Segment 11		461	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal TRTP Segments 3B		4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal TRTP Segments 4 - 11		3,643	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total TRTP Segments 3B & 4 - 11		3,647	-	-	-	-	-	-	-	-	-	-	-	-	-	
8169	Colorado River Substation Expansion															
900603420	Devers: Relays for D-RB 500kV N-2 SPS	400	1,326	1,326	1,326	1,326	1,326	1,326	1,326	1,326	1,326	1,326	1,326	1,326	15,916	Dec-21
Total CRS Expansion		400	1,326	1,326	1,326	1,326	1,326	1,326	1,326	1,326	1,326	1,326	1,326	1,326	15,916	
7650/7695	Whirlwind Substation Expansion															
901368041	Install N60 relays to add generation to Whirlwind AA Bank SPS	5	-	-	-	-	-	-	-	-	-	-	-	-	-	Oct-17
901307713	Whirlwind 3rd AA bank and SPS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	Apr-17
Total Whirlwind Sub Expansion		7	-	-	-	-	-	-	-	-	-	-	-	-	-	
6902	Calcite Substation (formerly Jasper; part of South of Kramer)															
900295954	Calcite: LGIA Engineer and construct a new interconnection facility	300	-	-	-	-	-	-	-	-	600	600	600	805	2,605	Jul-21
Total South of Kramer (Jasper Portion)		300	-	-	-	-	-	-	-	-	600	600	600	805	2,605	
6420	West of Devers Upgrade Project															
800062511	Pre-Engineering (Morongo Transmission Relocation Project)	0	-	-	-	-	-	-	-	-	-	-	-	-	-	May-21
901453922	Devers Sub: Install 220kV CBs & DSs	52	70	70	70	70	70	70	70	70	70	70	70	70	849	Oct-21
901453923	El Casco Sub: Install 220kV Terminal Equipment	550	20	20	50	100	100	20	20	20	20	20	20	100	550	Dec-19
901453924	Etiwanda Sub: Install 220kV Relay Equipment	0	-	-	-	-	-	-	-	-	-	-	-	-	-	Aug-19
901453925	San Bernardino : Install Disconnects	895	30	30	75	120	120	30	30	30	30	30	30	105	750	Aug-21
901460764	Rebuild Devers-El Casco & El Casco-San Bernardino 220kV	163,823	9,500	13,000	14,500	13,000	13,500	11,000	12,500	14,500	14,500	14,500	9,563	7,511	147,574	May-21
901453926	Vista Sub: Install Disconnects	670	30	30	60	100	100	30	30	30	30	30	100	100	670	Dec-19
801275175	Acquire Easements for West of Devers	2,391	30	30	30	30	30	30	30	30	40	40	30	30	380	Feb-19
Total West of Devers		168,382	9,680	13,180	14,785	13,420	13,920	11,180	12,680	14,680	14,690	14,699	9,928	7,931	150,773	
6092	Alberhill System															
800063633	Licensing Phase - Site Selection, PEA/Application Preparation, Envi	785	65	65	65	65	65	65	65	65	65	65	65	65	785	Dec-25

Project	Description	TOTAL Jan 19 - Dec 20	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
800374409	Valley: Replace existing LFCB relay with	-	-	-	-	-	-	-	-	-	-	-	-	-
800374410	Serrano: Replace existing LFCB relay wit	-	-	-	-	-	-	-	-	-	-	-	-	-
800796373	Alberhill Real Properties Acquisition	-	-	-	-	-	-	-	-	-	-	-	-	-
900502072	Alberhill-Serrano 500kV: Form the Alberhill-Serrano 500 kV line by loop	-	-	-	-	-	-	-	-	-	-	-	-	-
900502073	Alberhill-Valley 500kV: Form the Alberhill-Valley 500 kV line by loop	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Alberhill		1,570	105	63	33	103	68	71	65	71	65	71	44	26
7546	Eldorado-Lugo-Mohave Upgrade													
801648460	ELMSC Real Properties Acquisition	1,963	10	64	7	15	15	15	15	15	15	15	15	25
901056467	Eldorado Sub: Upgrade Terminal Equipment	11,202	136	134	139	94	94	325	196	1,911	222	223	855	248
901056468	Lugo Sub: Upgrade Terminal Equipment and	14,201	109	161	524	18	220	990	133	66	2,475	714	32	49
901490550	Mohave Sub:Install CBs, Disc.&series cap	14,652	70	44	124	32	31	1,791	334	2,705	31	1,239	54	72
901624163	Mid-Line Cap:Inst cap on Eldor Lugo T/L	14,534	135	67	181	124	123	510	331	2,855	214	210	208	210
901826564	Inst Eldo-Lug-Mhve Series Caps at Ludlow	14,471	134	68	181	115	115	499	321	2,874	189	217	219	219
901904770	Eldorado-Mohave T/L: Instal OPGW, splice	4,965	(117)	5	85	8	8	211	8	452	272	12	1,620	12
901904772	Lugo-Mohave T/L(CA): Instal OPGW, splice	13,295	(585)	7	184	23	22	524	376	1,161	728	20	4,590	54
901904773	Lugo-Mohave T/L(NV): Instal OPGW, splice	982	(17)	1	13	2	7	33	7	73	48	5	275	5
901904774	Eldorado-Lugo T/L(CA): Clear infractions	3,341	(319)	1	88	2	8	384	139	558	269	7	10	21
902618358	LADWP McCullough Substation	10,477	-	-	-	-	-	-	-	-	-	-	-	-
Total Eldorado-Lugo-Mohave		104,082	(444)	552	1,526	433	643	5,282	1,859	12,669	4,463	2,662	7,878	915
7555	Mesa Substation													
900959223	Mesa Substation: Upgrade Mesa from a 230	40,743	1,939	2,458	(448)	4,779	3,482	2,840	2,533	905	843	843	843	11,484
901192480	Laguna Bell: Replace (4) 230 kV CBs	370	12	12	10	6	6	6	6	269	13	13	13	7
901192481	Lighthipe:Replace (2) 230kV CBs&disconct	601	18	18	148	111	111	111	0	0	0	0	0	77
901192483	Rio Hondo Sub: Upgrade/Update Protection	146	4	(0)	13	6	118	6	-	-	-	-	-	1
901197441	Mesa Area Phase2: Relocate various lines	1,039	14	5	5	19	19	19	8	8	8	8	8	43
901560422	Mesa Area Phase1:Form LB-Mesa2&Mesa-RH2	2,061	1	10	0	(6)	(6)	(6)	53	58	58	58	58	310
901564026	Center Sub:Replc 3 GE relays	106	1	0	1	4	4	4	4	4	4	4	4	71
901564029	Redonda Sub: Replic 1 SEL-311L relay.	11	-	11	-	-	-	-	-	-	-	-	-	-
901777019	Mesa: SCE 50% MWD Water Line Relocation	-	-	-	-	-	-	-	-	-	-	-	-	-
902124236	Eagle Rock-Mesa: Ins	484	(0)	2	1	-	-	-	22	22	22	22	22	374
902124387	Goodrich-Mesa: Install 1000ft cndctr	328	2	(0)	1	159	5	5	25	25	25	25	25	32
902124388	Laguna Bell-Mesa #1 220kV: Install 2300 cktft of conductor	414	1	0	1	6	90	6	30	30	30	30	30	158
902124389	Laguna Bell-Mesa2: I	1,962	-	6	0	-	-	484	139	139	139	139	139	779
902124390	Lighthipe-Mesa: Install 3 strcts+cnd	1,781	268	106	(95)	431	37	37	37	37	37	37	37	811
902124394	Mesa-Rio Hondo #1 220kV: Install 4structures and 3000 ckt ft of con	4,345	7	2	0	84	65	156	65	616	65	65	65	614
902124395	Mesa-Rio Hondo2: Install 3000ft cndctr	832	0	0	0	119	8	8	8	8	8	8	8	205
902124396	Mesa-Vincent1: Install 2 strcts+cndctr	3,188	3	2	1	165	57	57	57	57	57	57	588	1,557
902124398	Mesa-Vincent2: Install 2 strcts+cndctr	1,876	4	5	-	29	29	296	29	29	249	249	249	706
902124580	Mesa-Walnut: Install	2,892	0	2	160	107	-	-	-	-	-	547	-	-
902124582	Redondo-Vincent:Inst	9	1	1	5	1	1	1	1	-	-	-	-	-
902123965	Goodrich-Laguna Bell: Install 1500ft cnd	9	1	2	0	1	1	1	1	1	1	1	1	1
902123967	LagunaBell-RioHondo:	667	(0)	3	1	173	-	-	-	-	-	-	-	-
902178838	Mesa: Upgrade to a 500/230/66/16kV sub	133,055	2,512	(2,417)	90	395	3,458	457	7,161	1,561	13,006	1,561	5,046	2,377
801291267	ACQ Mesa 500kV Substation/MPO	-	-	-	-	-	-	-	-	-	-	-	-	-
902124234	Mesa-Mira Loma: Inst	4,103	2	-	-	2	2	2	2	2	2	2	2	7
902124235	Mesa-Vincent: Install 1600 ft cndctr	398	-	-	-	-	-	-	-	86	-	-	-	6
902472308	Mira Loma Subs	3	-	3	(1)	-	-	-	-	-	-	-	-	1
902472309	Vincent Subs	2	0	2	0	-	-	-	-	-	-	-	-	-
Total Mesa		201,425	4,790	235	(106)	6,591	7,486	4,490	10,180	3,856	14,566	4,200	7,138	19,619
Grand Total for Non-TRTP		645,461	28,500	13,151	22,685	20,597	22,487	23,147	26,894	28,947	30,515	20,333	24,434	29,667
Grand Total		649,107	28,646	13,621	23,215	20,542	22,706	23,187	27,027	29,369	31,037	20,905	24,856	29,894

Project	Description	Total 2019	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total 2020	Operating Date
800374409	Valley: Replace existing LFCB relay with	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-25
800374410	Serrano: Replace existing LFCB relay wit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-25
800796373	Alberhill Real Properties Acquisition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-25
900502072	Alberhill-Serrano 500kV: Form the Alberhill-Serrano 500 kV line by loop	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-25
900502073	Alberhill-Valley 500kV: Form the Alberhill-Valley 500 kV line by loop	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-25
Total Alberhill		785	65	785												
7546	Eldorado-Lugo-Mohave Upgrade															
801648460	ELMSC Real Properties Acquisition	226	100	100	100	100	100	100	137	200	200	200	200	1,737	Dec-21	
901056467	Eldorado Sub: Upgrade Terminal Equipment	4,577	633	1,909	721	1,244	262	322	205	206	216	334	304	6,624	Dec-21	
901056468	Lugo Sub: Upgrade Terminal Equipment and	5,491	365	1,763	1,594	875	412	545	412	412	460	593	687	592	8,710	Dec-21
901490550	Mohave Sub:Install CBs, Disc.&series cap	6,526	215	1,417	900	586	586	835	470	238	232	481	573	1,593	8,126	Dec-21
901624163	Mid-Line Cap:Inst cap on Eldor Lugo T/L	5,168	277	1,362	755	323	377	580	366	366	366	569	1,599	2,426	9,366	Dec-21
901826564	Inst Eldo-Lug-Mhve Series Caps at Ludlow	5,150	277	1,475	747	210	377	580	366	355	355	569	1,599	2,411	9,321	Dec-21
901904770	Eldorado-Mohave T/L: Instal OPGW, splice	2,577	26	307	324	132	132	298	141	141	141	305	280	161	2,388	Dec-21
901904772	Lugo-Mohave T/L(CA): Instal OPGW, splice	7,103	101	101	659	170	577	1,040	577	577	387	799	740	464	6,192	Dec-21
901904773	Lugo-Mohave T/L(NV): Instal OPGW, splice	451	20	17	55	45	35	61	35	32	35	61	99	37	531	Dec-21
901904774	Eldorado-Lugo T/L(CA): Clear infractions	1,169	29	28	540	235	236	248	123	122	123	165	191	132	2,172	Dec-21
902618358	LADWP McCullough Substation	-	100	100	120	620	4,797	620	620	620	620	820	820	820	10,477	Dec-21
Total Eldorado-Lugo-Mohave		38,439	2,143	8,579	6,515	4,540	7,891	5,230	3,452	3,269	3,135	4,697	7,090	9,103	65,644	
7555	Mesa Substation															
900959223	Mesa Substation: Upgrade Mesa from a 230	32,501	687	687	687	687	687	687	687	687	687	687	687	8,242	Jun-21	
901192480	Laguna Bell: Replace (4) 230 kV CBs	370	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-19
901192481	Lighthipe:Replace (2) 230kV CBs&disconct	594	1	1	1	1	1	1	1	1	1	1	1	6	Jun-19	
901192483	Rio Hondo Sub: Upgrade/Update Protection	146	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-19
901197441	Mesa Area Phase2: Relocate various lines	165	73	73	73	73	73	73	73	73	73	73	73	874	Dec-20	
901560422	Mesa Area Phase1:Form LB-Mesa2&Mesa-RH2	587	123	123	123	123	123	123	123	123	123	123	123	1,474	Dec-20	
901564026	Center Sub:Replic 3 GE relays	106	-	-	-	-	-	-	-	-	-	-	-	-	-	Nov-19
901564029	Redondo Sub: Replic 1 SEL-311L relay.	11	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-19
901777019	Mesa: SCE 50% MWD Water Line Relocation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	May-18
902124236	Eagle Rock-Mesa: Ins	484	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124387	Goodrich-Mesa: Install 1000ft cndctr	328	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124388	Laguna Bell-Mesa #1 220kV: Install 2300 cktft of conductor	414	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124389	Laguna Bell-Mesa2: I	1,962	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124390	Lighthipe-Mesa: Install 3 strcts+cndctr	1,781	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124394	Mesa-Rio Hondo #1 220kV: Install 4structures and 3000 ckt ft of con	1,802	208	208	208	208	208	208	208	208	208	208	208	2,542	Dec-20	
902124395	Mesa-Rio Hondo2: Install 3000ft cndctr	384	37	37	37	37	37	37	37	37	37	37	37	448	Dec-20	
902124396	Mesa-Vincent1: Install 2 strcts+cndctr	3,188	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124398	Mesa-Vincent2: Install 2 strcts+cndctr	1,876	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902124580	Mesa-Walnut: Install	816	170	170	170	170	170	170	170	170	170	170	170	2,075	Dec-20	
902124582	Redondo-Vincent:Inst	9	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902132965	Goodrich-Laguna Bell: Install 1500ft cnd	9	-	-	-	-	-	-	-	-	-	-	-	-	-	Dec-20
902132967	LagunaBell-RioHondo:	177	3	3	3	3	3	3	3	3	3	3	3	452	490	Dec-20
902178838	Mesa: Upgrade to a 500/230/66/16kV sub	35,206	8,079	8,079	8,079	8,079	8,079	8,079	8,079	8,079	8,079	8,079	8,079	8,985	97,849	Mar-22
801291267	ACQ Mesa 500kV Substation/MPO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Apr-17
902124234	Mesa-Mira Loma: Inst	27	260	260	260	260	260	260	260	260	260	260	260	1,217	4,076	Dec-20
902124235	Mesa-Vincent: Install 1600 ft cndctr	92	4	4	4	4	4	4	4	4	4	4	4	261	305	Dec-20
902472308	Mira Loma Subs	3	-	-	-	-	-	-	-	-	-	-	-	-	-	Jun-21
902472309	Vincent Subs	2	-	-	-	-	-	-	-	-	-	-	-	-	-	Jun-21
Total Mesa		83,043	9,644	12,303	118,382											
Grand Total for Non-TRTP		291,356	22,858	32,795	32,335	28,996	32,846	27,445	27,167	28,984	29,460	31,031	28,654	31,533	354,105	
Grand Total		295,002	22,858	32,795	32,335	28,996	32,846	27,445	27,167	28,984	29,460	31,031	28,654	31,533	354,105	

SCHEDULE 10

FORECAST CWIP CAPITAL EXPENDITURES

BY PIN AND ACTIVITY

WORKPAPERS

Forecast CWIP Expenditures by PIN and Activity
(\$000)

Forecast CWIP Capital Expenditures by PIN Activity
Page 1 of 13

PIN #	Description	Forecast		Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
7183	TRTP	4	-	4
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	4	-	4
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		4	-	4
Construction				
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	-	-	-
Total		-	-	-
Environmental				
1	Environmental	-	-	-
Total		-	-	-
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	0	-	0
Total		0	-	0
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity
(\$000)

PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
5243	TRTP Segment 6	2,817	-	2,817
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	-	-	-
2	Engineering and Design	2	-	2
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		2	-	2
Materials				
1	Steel and Hardware (e.g. Marker Balls)	-	-	-
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	-	-
6	Civil Materials and Misc Hardware	-	-	-
Total		-	-	-
Construction				
1	Civil and Structural Construction	-	-	-
Total		-	-	-
Environmental				
1	Environmental	2,681	-	2,681
Total		2,681	-	2,681
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	134	-	134
Total		134	-	134
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity
(\$000)

PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
6438	TRTP Segment 7	20	-	20
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	-	-	-
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		-	-	-
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	-	-	-
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	-	-
6	Civil Materials and Misc Hardware	-	-	-
Total		-	-	-
Construction				
1	Civil and Structural Construction	8	-	8
2	Electrical Construction	-	-	-
3	Construction Management Services	-	-	-
Total		8	-	8
Environmental				
1	Environmental	11	-	11
Total		11	-	11
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	1	-	1
Total		1	-	1
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity
(\$000)

PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
6439	TRTP Segment 8	(12)	-	(12)
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	25	-	25
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		25	-	25
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	-	-	-
2	Conductor and Conductor Hardware	(219)	-	(219)
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	-	-
6	Civil Materials and Misc Hardware	-	-	-
Total		(219)	-	(219)
Construction				
1	Civil and Structural Construction	109	-	109
2	Electrical Construction	-	-	-
3	Construction Management Services	49	-	49
Total		158	-	158
Environmental				
1	Environmental	11	-	11
Total		11	-	11
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	13	-	13
Total		13	-	13
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity
(\$000)

PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
7553	TRTP 500kV Underground	357	-	357
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	(6)	-	(6)
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		(6)	-	(6)
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	187	-	187
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	-	-
6	Civil Materials and Misc Hardware	-	-	-
Total		187	-	187
Construction				
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	10	-	10
3	Construction Management Services	3	-	3
Total		13	-	13
Environmental				
1	Environmental	117	-	117
Total		117	-	117
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	47	-	47
Total		47	-	47
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity
(\$000)

PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
6442	TRTP Segment 11	461	-	461
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	-	-	-
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		-	-	-
Construction				
1	Electrical Construction	-	-	-
2	Construction Management Services	-	-	-
Total		-	-	-
Environmental				
1	Environmental	439	-	439
Total		439	-	439
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	22	-	22
Total		22	-	22
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity

(\$000)

PIN #	Description	Forecast		Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
8169	Colorado River Second AA Bank	400	15,916	16,316
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	122	430	552
2	Engineering and Design	225	500	725
3	Regulatory and Licensing	-	-	-
Total		347	930	1,277
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	-	-	-
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	7,189	7,189
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	5,701	5,701
6	Civil Materials and Misc Hardware	-	-	-
Total		-	12,890	12,890
Construction				
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	-	-	-
3	Construction Management Services	-	-	-
Total		-	-	-
Environmental				
1	Environmental	-	-	-
Total		-	-	-
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	53	2,096	2,149
Total		53	2,096	2,149
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity
 (\$000)

PIN #	Description	Forecast		Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
7650/ 7695	Whirlwind Substation Expansion	7	-	7
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	7	-	7
2	Engineering and Design	-	-	-
3	Regulatory, Licensing, and Legal Costs	-	-	-
Total		7	-	7
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	-	-	-
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	-	-
6	Civil Materials and Misc Hardware	-	-	-
Total		-	-	-
Construction				
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	-	-	-
3	Construction Management Services	-	-	-
Total		-	-	-
Environmental				
1	Environmental	-	-	-
Total		-	-	-
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	0	-	0
Total		0	-	0
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity
(\$000)

PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
6902	Calcite 220/66 kV Substation (formerly Jasper, part of South of Kramer)	300	2,605	2,905
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	104	100	204
2	Engineering and Design	126	200	326
3	Regulatory and Licensing	-	-	-
Total		230	300	530
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	-	-	-
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	800	800
6	Civil Materials and Misc Hardware	-	-	-
Total		-	800	800
Construction				
1	Civil and Structural Construction	-	632	632
2	Electrical Construction	-	241	241
3	Construction Management Services	-	20	20
Total		-	893	893
Environmental				
1	Environmental	40	200	240
Total		40	200	240
Real Properties				
1	Real Properties Acquisitions	-	100	100
Total		-	100	100
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	30	312	342
Total		30	312	342
Contingency				
1		-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity

(\$000)

PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
6420	West of Devers Upgrade Project	168,382	150,773	319,154
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	2,834	4,177	7,012
2	Engineering and Design	-	-	-
3	Regulatory and Licensing	-	-	-
Total		2,834	4,177	7,012
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	3,589	-	3,589
2	Conductor	7,107	7,500	14,607
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	3,307	-	3,307
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	380	380	760
6	Civil Materials and Misc Hardware (Rebar and concrete)	3,085	-	3,085
Total		17,467	7,880	25,347
Construction				
1	Civil and Structural Construction	111,022	103,117	214,139
2	Electrical Construction	1,787	2,439	4,226
3	Construction Management Services	5,824	5,824	11,648
Total		118,633	111,380	230,013
Environmental				
1	Environmental	13,162	14,612	27,774
Total		13,162	14,612	27,774
Real Properties				
1	Real Properties Acquisitions	2,391	380	2,771
Total		2,391	380	2,771
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	13,893	12,344	26,237
Total		13,893	12,344	26,237
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity

(\$000)

PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
6092	Alberhill	785	785	1,570
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	126	126	252
2	Engineering and Design	-	-	-
3	Regulatory and Licensing	358	358	715
Total		483	483	967
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	-	-	-
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	-	-	-
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	-	-	-
6	Civil Materials and Misc Hardware	-	-	-
Total		-	-	-
Construction				
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	-	-	-
3	Construction Management Services	-	-	-
Total		-	-	-
Environmental				
1	Environmental	199	199	398
Total		199	199	398
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	102	102	205
Total		102	102	205
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity

(\$000)

PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
7546	Eldorado-Lugo-Mohave Series Capacitor Upgrade	38,439	65,644	104,083
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	440	1,120	1,560
2	Engineering and Design	1,155	3,834	4,989
3	Regulatory and Licensing	2,602	1,540	4,142
Total		4,197	6,494	10,691
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	1,787	3,259	5,046
2	Conductor and Conductor Hardware	-	-	-
3	Transformers	-	-	-
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	5,621	1,452	7,073
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	4,012	2,513	6,525
6	Civil Materials and Misc Hardware	-	-	-
Total		11,420	7,224	12,119
Construction				
1	Civil and Structural Construction	-	-	-
2	Electrical Construction	15,058	30,223	45,281
3	Construction Management Services	101	1,494	1,595
Total		15,159	31,717	46,876
Environmental				
1	Environmental	1,770	10,965	12,735
Total		1,770	10,965	12,735
Real Properties				
1	Real Properties Acquisitions	226	1,737	1,963
Total		226	1,737	1,963
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	5,667	7,507	13,174
Total		5,667	7,507	13,174
Contingency				
1	Contingency	-	-	-
Total		-	-	-

Forecast CWIP Expenditures by PIN and Activity
(\$000)

PIN #	Description	Forecast	Forecast	Total
		1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	
7555	Mesa	83,043	118,382	201,425
Project Support				
1	Project Management (e.g. Proj. Mgmt, Proj Admin, Proj. Controls, Estimating)	1,766	1,630	3,396
2	Engineering and Design	4,562	3,411	7,973
3	Regulatory and Licensing	-	-	-
Total		6,328	5,042	11,369
Materials				
1	Steel and Hardware (e.g. Stub Angles or Anchor Bolts)	6,744	-	6,744
2	Conductor and Conductor Hardware	2,133	410	2,543
3	Transformers	12,261	15,445	27,706
4	Transmission Line Major Equipment (e.g. Insulator, Ground Wire, Dampers)	1,616	-	1,616
5	Substation Major Equipment (e.g. Circuit Breakers, Disconnect Switch, Reactors, Structural Steel)	3,008	51,819	54,828
6	Civil Materials and Misc Hardware	705	-	705
Total		26,469	67,674	94,142
Construction				
1	Civil and Structural Construction	12,004	2,315	14,318
2	Electrical Construction	21,740	22,688	44,427
3	Construction Management Services	2,847	3,586	6,434
Total		36,591	28,589	65,179
Environmental				
1	Environmental	3,689	4,137	7,825
Total		3,689	4,137	7,825
Real Properties				
1	Real Properties Acquisitions	-	-	-
Total		-	-	-
Allocated				
1	Allocated (e.g., chargebacks, SCE labor loaders and Division Overhead)	9,967	12,941	22,908
Total		9,967	12,941	22,908
Contingency				
1	Contingency	-	-	-
Total		-	-	-

SCHEDULE 10

RECORDED CWIP EXPENDITURES

WORKPAPERS

2018 YTD		
Project	Work Order	Work Order Description
DCR		Total
	800062850	DEVERS: Extend 500kV bus two positions to the east and equip new position
	901386485	Colorado River Substation: Upgrade HVAC in 500 kV MEER Building
Grand Total		1,826

Pin: 4847

Project: DCR

Order: 800062850

800062850 - DEVERS: Extend 500kV bus two positions to the east and equip new position

SubCategory	Prime	Group	Detail	Month				Grand Total
				06	07	09	10	
1. Project Support	As-built updates	Material - Other	As-built updates		3			3
		Material - Other Total			3			3
		As-built updates Total			3			3
1. Project Support Total					3			3
3. Construction	Short Term Equipment Rent	Contract	Contract Entries <\$50,000		1,960			1,960
		Contract Total			1,960			1,960
		Short Term Equipment Rent Total			1,960			1,960
3. Construction Total					1,960			1,960
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	496	(34)	16	(2)	475
		Chargeback Total		496	(34)	16	(2)	475
		Chargebacks Total		496	(34)	16	(2)	475
4. Allocated Total	Labor - Other	Labor	Labor Entries <\$5,000		310			310
		Labor Total			310			310
		Labor - Other Total			310			310
4. Allocated Total				496	(34)	326	(2)	785
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	18	(1)	85	(0)	101
			Capitalized Overhead - Inj & Damages	0	(0)	7		7
			Capitalized Overhead - IT IMM	1	(0)	1		2
5. Corporate Overhead Total	Non Budget - Other Total	Non Budgeted Total	Capitalized Overhead - P&B/Payroll Tax	457	(12)	9	(1)	453
				476	(13)	102	(1)	564
				476	(13)	102	(1)	564
5. Corporate Overhead Total				476	(13)	102	(1)	564
				972	(48)	2,391	(3)	3,312
				972	(48)	2,391	(3)	3,312
				972	(48)	2,391	(3)	3,312

Pin: 4847

Order: 901386485

Project: DCR

901386485 - Colorado River Substation: Upgrade HVAC in 500 KV MEER Building

SubCategory	Prime	Group	Detail	Month		
				04	05	Grand Total
1. Project Support	As-built updates	Material - Other	As-built updates	-	(0)	(0)
		Material - Other Total		-	(0)	(0)
	As-built updates Total			-	(0)	(0)
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	-	-	-
		Contract Total		-	-	-
	Contract Consult/Contract Ord to Ord Total			-	-	-
	DCM	Labor	Labor Entries <\$5,000	-	-	-
		Labor Total		-	-	-
	DCM Total			-	-	-
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	-	-	-
		Labor Total		-	-	-
	ELEC SYS PLANNING Total			-	-	-
	Labor - Other	Labor	Labor Entries <\$5,000	-	-	-
		Labor Total		-	-	-
	Labor - Other Total			-	-	-
	Other	Other	Other	570	(570)	-
		Other Total		570	(570)	-
	Other Total			570	(570)	-
1. Project Support Total				570	(570)	(0)
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	570	570	
		Contract Total		570	570	
	Construction Management Services Total			570	570	
3. Construction Total				570	570	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	4	4	
		Chargeback Total		4	4	
	Chargebacks Total			4	4	
	Labor - Other	Labor	Labor Entries <\$5,000	0	56	56
		Labor Total		0	56	56
	Labor - Other Total			0	56	56
4. Allocated Total				0	60	60
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	(119)	(119)	
			Capitalized Overhead - Inj & Damages	(5)	(5)	
			Capitalized Overhead - IT IMM	-	-	
			Capitalized Overhead - P&B/Payroll Tax	(1,991)	(1,991)	
		Non Budgeted Total		(2,116)	(2,116)	
	Non Budget - Other Total			(2,116)	(2,116)	
5. Corporate Overhead Total				(2,116)	(2,116)	
				(1,546)	60	(1,486)
				(1,546)	60	(1,486)
				(1,546)	60	(1,486)

2018 YTD			Total
Project	Work Order	Work Order Description	
TRTP Segments 1-3	800062547	T/L Sub 1 to Sub 2	(2,866,398) T/L Sub 1 to Sub 2
	800063658	Sub 1 - Highwind Work	(706,798) Sub 1 - Highwind Work
	800452215	Acquire - Segment 3B	(453,390) Acquire - Segment 3B
	900604086	TRTP Segment 3B: Highwind-Windhub	(1,257,862) TRTP Segment 3B: Highwind-Windhub
	901374880	Highwind Substation: Visual Mitigation Measures	(61,199) Highwind Substation: Visual Mitigation Measures
Grand Total			(5,345,647)

Pin: 7183
 Order: 800062547

Project: TRTP Segments 1-3
 800062547 - T/L Sub 1 to Sub 2

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	05	06	07	09	10	11	12			
1. Project Support	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <	3621.09	3359.82	3269.82	5,790	4,020	3,270	1,651	2,140			971.31		28,093
		Contract Total		3,621	3,360	3,270	5,790	4,020	3,270	1,651	2,140			971		28,093
	Contract Consult/Contract Ord to Ord Total			3,621	3,360	3,270	5,790	4,020	3,270	1,651	2,140			971		28,093
	Labor - Other	Labor	Labor Entries <\$5,000											750	(750)	-
		Labor Total												750	(750)	-
	Labor - Other Total													750	(750)	-
1. Project Support Total				3,621	3,360	3,270	5,790	4,020	3,270	1,651	2,140			750	221	28,093
4. Allocated	Labor - Other	Labor	Labor Entries <\$5,	24	22	22	38	27	22	11	28			13		205
		Labor Total		24	22	22	38	27	22	11	28			13		205
	Labor - Other Total			24	22	22	38	27	22	11	28			13		205
4. Allocated Total				24	22	22	38	27	22	11	28			13		205
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhe	223	183	(4,072,019)	212	151	140	61	72			6	(4,070,944)	
			Capitalized Overhe	(0)	0	0	0	0	0	0	0			0	(0)	(0)
			Capitalized Overhe	10	6	7	9	5	8	1	3			1	0	50
			Capitalized Overhead - P&B/Payroll Tax			1,176,198										1,176,198
	Non Budget - Other Total	Non Budgeted Total		233	188	(2,895,814)	221	156	148	62	75			6	(2,894,696)	
				233	188	(2,895,814)	221	156	148	62	75			6	(2,894,696)	
5. Corporate Overhead Total				233	188	(2,895,814)	221	156	148	62	75			6	(2,894,696)	
				3,878	3,570	(2,892,523)	6,049	4,202	3,440	1,725	2,242			778	240	(2,866,398)
				3,878	3,570	(2,892,523)	6,049	4,202	3,440	1,725	2,242			778	240	(2,866,398)
				3,878	3,570	(2,892,523)	6,049	4,202	3,440	1,725	2,242			778	240	(2,866,398)

Pin: 7183

Order: 800063658

Project: TRTP Segments 1-3
 800063658 - Sub 1 - Highwind Work

SubCategory	Prime	Group	Detail	Month	
				03	Grand Total
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	(837,937)	(837,937)
			Capitalized Overhead - P&B/Payroll Tax	131,139	131,139
		Non Budgeted Total		(706,798)	(706,798)
	Non Budget - Other Total			(706,798)	(706,798)
5. Corporate Overhead Total				(706,798)	(706,798)
				(706,798)	(706,798)
				(706,798)	(706,798)
				(706,798)	(706,798)
				(706,798)	(706,798)

Pin: 7183

Order: 800452215

Project: TRTP Segments 1-3

800452215 - Acquire - Segment 3B

SubCategory	Prime	Group	Detail	Month	
				03	Grand Total
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	(415,288)	(415,288)
			Capitalized Overhead - P&B/Payroll Tax	(38,102)	(38,102)
		Non Budgeted Total		(453,390)	(453,390)
	Non Budget - Other Total			(453,390)	(453,390)
5. Corporate Overhead Total				(453,390)	(453,390)
				(453,390)	(453,390)
				(453,390)	(453,390)
				(453,390)	(453,390)
				(453,390)	(453,390)

Pin: 7183

Order: 900604086

Project: TRTP Segments 1-3

900604086 - TRTP Segment 3B: Highwind-Windhub

SubCategory	Prime	Group	Detail	Month		
				02	03	Grand Total
5. Corporate Overhead	Non Budget - Other	Non Budgeted	AFUDC - Debt/Equity	(50,363)		(50,363)
			Capitalized Overhead - A&G		(1,329,596)	(1,329,596)
			Capitalized Overhead - P&B/Payroll Tax		122,097	122,097
	Non Budget - Other Total	Non Budgeted Total		(50,363)	(1,207,499)	(1,257,862)
				(50,363)	(1,207,499)	(1,257,862)
				(50,363)	(1,207,499)	(1,257,862)
5. Corporate Overhead Total				(50,363)	(1,207,499)	(1,257,862)

Pin: 7183

Order: 901374880

Project: TRTP Segments 1-3

901374880 - Highwind Substation: Visual Mitigation Measures

SubCategory	Prime	Group	Detail	Month	
				03	Grand Total
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead	(96,385)	(96,385)
			Capitalized Overhead	35,187	35,187
		Non Budgeted Total		(61,199)	(61,199)
	Non Budget - Other Total			(61,199)	(61,199)
5. Corporate Overhead Total				(61,199)	(61,199)
				(61,199)	(61,199)
				(61,199)	(61,199)
				(61,199)	(61,199)

2018 YTD Project	Work Order	Project Pin	Work Order Description	Total
TRTP Segments 4-11	800148387	5243	800148391 Antelope - Construct addition to station	11,813,640 800148391 Antelope - Construct addition to station
		6440	800148391 Antelope - Construct addition to station	(12,151,401) 800148391 Antelope - Construct addition to station
	800148388	5243	800157256 Whirlwind - Construct new substation	9,775,195 800157256 Whirlwind - Construct new substation
		6440	800157256 Whirlwind - Construct new substation	(10,287,868) 800157256 Whirlwind - Construct new substation
	800148389	5243	800157254 Windhub - Construct 500kV switchyard	11,772,165 800157254 Windhub - Construct 500kV switchyard
		6440	800157254 Windhub - Construct 500kV switchyard	(12,558,410) 800157254 Windhub - Construct 500kV switchyard
	800217316	5243	New Vincent-Duarte 500kV T/L	1,007,244 New Vincent-Duarte 500kV T/L
	800217339	6442	Mesa-Vincent #1 500kV T/L	874,641 Mesa-Vincent #1 500kV T/L
	800217381	5243	Connect to Vincent & Eagle Rock to Gould	(412,709) Connect to Vincent & Eagle Rock to Gould
		6442	Connect to Vincent & Eagle Rock to Gould	251,863 Connect to Vincent & Eagle Rock to Gould
	800218130	6438	New Vincent-Rio Hondo #2 500kV T/L	520,260 New Vincent-Rio Hondo #2 500kV T/L
	800218138	6438	New DC Mesa-Duarte 500kV T/L	356,329 New DC Mesa-Duarte 500kV T/L
	800218645	6439	New 33 mile Vincent-Mira Loma 500kV T/L	810,918 New 33 mile Vincent-Mira Loma 500kV T/L
	800218712	5243	Mira Loma Sub - Equip 1 500kV LP	0 Mira Loma Sub - Equip 1 500kV LP
		6440	Mira Loma Sub - Equip 1 500kV LP	125,654 Mira Loma Sub - Equip 1 500kV LP
	801025887	7553	CHUG Acquire Easement	79,629 CHUG Acquire Easement
	801479004	7553	RS/ACQ/CHUG-TRTP-Segment 8/Condem	5,306 RS/ACQ/CHUG-TRTP-Segment 8/Condem
	900610533	7553	Segment 8 licensing, ACR alternate routes	995,301 Segment 8 licensing, ACR alternate routes
	901094247	7553	Mira Loma Substation - Install relays	7,821 Mira Loma Substation - Install relays
	901109252	7553	East Transition Station	1,295,738 East Transition Station
	901109253	7553	West Transition Station	846,376 West Transition Station
Grand Total				5,127,692

Pin: 5243

Project: TRTP

Segment 9

Order: 800148391 Antelope - Construct addition : 800148391 Antelope - Construct addition to station - 800148387

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
1. Project Support	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	12,349	12,349
		Contract Total		12,349	12,349
	Contract Consult/Contract Ord to Ord Total			12,349	12,349
CORPENVHEALTH&SAFETY	Labor	Labor Entries <\$5,000	705	705	
	Labor Total		705	705	
CORPENVHEALTH&SAFETY Total			705	705	
DCM	Labor	DCM / Techn Spl/Scientist	58,694	58,694	
		Labor Entries <\$5,000	429	429	
	Labor Total		59,123	59,123	
DCM Total			59,123	59,123	
ELEC SYS PLANNING	Labor	Corp Support/Aircraft/Trainee	5,314	5,314	
		Customer, Communications	6,580	6,580	
		ELEC SYS PLANNING / Engineer	147,474	147,474	
		ELEC SYS PLANNING / Mgr-Prj/Prod	100,805	100,805	
		Labor Entries <\$5,000	3,359	3,359	
	Labor Total		263,532	263,532	
ELEC SYS PLANNING Total			263,532	263,532	
Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	(2,471,180)	(2,471,180)	
		#N/A	2,513,947	2,513,947	
	Contract Total		42,767	42,767	
Engineering/Technical Professional Servi Total			42,767	42,767	
Environmental/Safety Professional Servic	Contract	Contract Entries <\$50,000	103,020	103,020	
	Contract Total		103,020	103,020	
Environmental/Safety Professional Servic Total			103,020	103,020	
HRealProp	Labor	Labor Entries <\$5,000	718	718	
	Labor Total		718	718	
HRealProp Total			718	718	
Labor - Other	Labor	Labor Entries <\$5,000	(32,978)	(32,978)	
	Labor Total		(32,978)	(32,978)	
Labor - Other Total			(32,978)	(32,978)	
MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	1,319	1,319	
		MAJOR PROJECT ORG / Anly Prg/Prj	10,235	10,235	
	Labor Total		11,554	11,554	
MAJOR PROJECT ORG Total			11,554	11,554	
Other	Other	Other	(115,358)	(115,358)	
		SODEXO MAGIC FOOD SERVICE	903	903	
	Other Total		(114,455)	(114,455)	
Other Total			(114,455)	(114,455)	
Temporary/Supplementary - Technical/Prof	Contract	Contract Entries <\$50,000	(55,921)	(55,921)	

Pin: 5243

Project: TRTP

Segment 9

Order: 800148391 Antelope - Construct addition : 800148391 Antelope - Construct addition to station - 800148387

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
			Temporary/Supplementary - Technical/Prof	60,673	60,673
		Contract Total		4,752	4,752
	Temporary/Supplementary - Technical/Prof Total			4,752	4,752
	Temporary/Supplementary - Trade/Labor	Contract	Contract Entries <\$50,000	(171,880)	(171,880)
			Temporary/Supplementary - Trade/Labor	175,579	175,579
		Contract Total		3,699	3,699
	Temporary/Supplementary - Trade/Labor Total			3,699	3,699
	TRANSMISSION	Labor	TRANSMISSION / Mgr-Prj/Prod	9,803	9,803
		Labor Total		9,803	9,803
	TRANSMISSION Total			9,803	9,803
1. Project Support Total				364,588	364,588
2. Material	Breakers - Circuit-DP	Material - Direct Purchase	MITSUBISHI ELECTRIC POWER PROD INC	-	-
		Material - Direct Purchase Total		-	-
	Breakers - Circuit-DP Total			-	-
	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Building, Shop & Industrial Products/Eqp	437,074	437,074
		Material - Direct Purchase Total		437,074	437,074
	Building, Shop & Industrial Products/Eqp Total			437,074	437,074
	Cabinets, Panels and Switchboards-DP	Material - Direct Purchase	Cabinets, Panels and Switchboards-DP	(95,194)	(95,194)
		Material - Direct Purchase Total		(95,194)	(95,194)
	Cabinets, Panels and Switchboards-DP Total			(95,194)	(95,194)
	Capacitors and Regulators-DP	Material - Direct Purchase	GE GRID SOLUTIONS LLC	-	-
		Material - Direct Purchase Total		-	-
	Capacitors and Regulators-DP Total			-	-
	Electric Wiring and Components-DP	Material - Direct Purchase	Electric Wiring and Components-DP	689,528	689,528
		Material - Direct Purchase Total		689,528	689,528
	Electric Wiring and Components-DP Total			689,528	689,528
	Fuels, Chemicals & Petrochem-DP	Material - Direct Purchase	Fuels, Chemicals & Petrochem-DP	285	285
		Material - Direct Purchase Total		285	285
	Fuels, Chemicals & Petrochem-DP Total			285	285
	Insulators & Bushings-DP	Material - Direct Purchase	Insulators & Bushings-DP	19,661	19,661
		Material - Direct Purchase Total		19,661	19,661
	Insulators & Bushings-DP Total			19,661	19,661
	Line Switches & Switchgear-DP	Material - Direct Purchase	Line Switches & Switchgear-DP	-	-
		Material - Direct Purchase Total		-	-
	Line Switches & Switchgear-DP Total			-	-
	Material - Inventory	Material	Building, Shop & Industrial Products/Eqp	(24,115)	(24,115)
			Communication Systems and Equipment-IN	4,186	4,186
			Electric Wiring and Components-IN	199,823	199,823
			Insulators & Bushings-IN	1,001,515	1,001,515

Pin: 5243

Project: TRTP

Segment 9

Order: 800148391 Antelope - Construct addition : 800148391 Antelope - Construct addition to station - 800148387

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
			Metals & Fabricated Metal Products-IN	63,074	63,074
			Pipe/Tubing, Fittings and Gaskets-IN	62,682	62,682
			Pole Line Hdwe & Connectors-IN	92,677	92,677
			Protection and Test-IN	512,938	512,938
			Transformers CT/PT/INSTR-IN	11,308	11,308
			Wire, Cable & Bus Bar-IN	137,534	137,534
				2,061,620	2,061,620
				2,061,620	2,061,620
			Material Total		
Material - Inventory Total					
Material - Other		Material	Material Direct Purchase Ord to Ord	12	12
			Material Sales Tax Expense	-	-
			Special Transport	169,154	169,154
				169,167	169,167
Material - Other Total				169,167	169,167
Metals & Fabricated Metal Products-DP		Material - Direct Purchase	CROWN TECHNICAL SYSTEMS	31,032	31,032
		Material - Direct Purchase Total		31,032	31,032
Metals & Fabricated Metal Products-DP Total				31,032	31,032
Meters, Monitor and Warnings-DP		Material - Direct Purchase	MAGNETIC INSTRUMENTATION INC	-	-
		Material - Direct Purchase Total		-	-
Meters, Monitor and Warnings-DP Total				-	-
Office & Office Support Products-DP		Material - Direct Purchase	Material Entries <\$5,000	3,182	3,182
		Material - Direct Purchase Total		3,182	3,182
Office & Office Support Products-DP Total				3,182	3,182
Pipe/Tubing, Fittings and Gaskets-DP		Material - Direct Purchase	Pipe/Tubing, Fittings and Gaskets-DP	9,954	9,954
		Material - Direct Purchase Total		9,954	9,954
Pipe/Tubing, Fittings and Gaskets-DP Total				9,954	9,954
Pole Line Hdwe & Connectors-DP		Material - Direct Purchase	Material Entries <\$5,000	706,378	706,378
		Material - Direct Purchase Total		706,378	706,378
Pole Line Hdwe & Connectors-DP Total				706,378	706,378
Power Systems, Batteries and Light-DP		Material - Direct Purchase	Material Entries <\$5,000	-	-
		Material - Direct Purchase Total		-	-
Power Systems, Batteries and Light-DP Total				-	-
Protection and Test-DP		Material - Direct Purchase	Protection and Test-DP	1,929	1,929
		Material - Direct Purchase Total		1,929	1,929
Protection and Test-DP Total				1,929	1,929
Reactors and Line Traps-DP		Material - Direct Purchase	TRENCH LTD	-	-
		Material - Direct Purchase Total		-	-
Reactors and Line Traps-DP Total				-	-
Steel / Fabricated / Structural-DP		Material - Direct Purchase	Steel / Fabricated / Structural-DP	5,925,159	5,925,159
		Material - Direct Purchase Total		5,925,159	5,925,159

Pin: 5243

Project: TRTP

Segment 9

Order: 800148391 Antelope - Construct addition : 800148391 Antelope - Construct addition to station - 800148387

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
	Steel / Fabricated / Structural-DP Total			5,925,159	5,925,159
	Towers/Poles, Steel & Concrete-DP	Material - Direct Purchase	VALMONT INDUSTRIES INC	299,110	299,110
		Material - Direct Purchase Total		299,110	299,110
				299,110	299,110
	Towers/Poles, Steel & Concrete-DP Total				
	Transformers - Power Substation-DP	Material - Direct Purchase	ABB INC	-	-
		Material - Direct Purchase Total		-	-
				-	-
	Transformers - Power Substation-DP Total				
	Transportation & Mobile Equip-DP	Material - Direct Purchase	Transportation & Mobile Equip-DP	208,468	208,468
		Material - Direct Purchase Total		208,468	208,468
				208,468	208,468
	Transportation & Mobile Equip-DP Total				
	Wire, Cable & Bus Bar-DP	Material - Direct Purchase	Wire, Cable & Bus Bar-DP	784	784
		Material - Direct Purchase Total		784	784
				784	784
	Wire, Cable & Bus Bar-DP Total				
2. Material Total				10,468,136	10,468,136
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	17,699	17,699
		Contract Total		17,699	17,699
	Construction Management Services Total			17,699	17,699
	Construction, Earthwork	Contract	Contract Entries <\$50,000	(50,914)	(50,914)
		POWER GRADE INC		50,914	50,914
		Contract Total		-	-
	Construction, Earthwork Total			-	-
	ELEC SYS PLANNING	Labor	ELEC SYS PLANNING / Cnst/Mtrl Cndtr	19,532	19,532
		Labor Total		19,532	19,532
				19,532	19,532
	ELEC SYS PLANNING Total				
	Electrical Services	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Electrical Services Total			-	-
	GRID OPS	Labor	Labor Entries <\$5,000	1,959	1,959
		Labor Total		1,959	1,959
				1,959	1,959
	GRID OPS Total				
	Hauling / Industrial Moving Services	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Hauling / Industrial Moving Services Total			-	-
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000	(16,872)	(16,872)
		Major Construction, Turnkey, Trans/Subs		112,066	112,066
		Contract Total		95,194	95,194
	Major Construction, Turnkey, Trans/Subs Total			95,194	95,194
	SC&M	Labor	Labor Entries <\$5,000	6,659	6,659
		SC&M / Technician Test		14,777	14,777

Pin: 5243

Project: TRTP

Segment 9

Order: 800148391 Antelope - Construct addition : 800148391 Antelope - Construct addition to station - 800148387

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
		Labor Total		21,437	21,437
SC&M Total				21,437	21,437
Short Term Equipment Rent		Contract	Contract Entries <\$50,000 KING EQUIPMENT LLC	(88,765)	(88,765)
		Contract Total		100,023	100,023
Short Term Equipment Rent Total				11,259	11,259
TRANSMISSION		Labor	Labor Entries <\$5,000	8,915	8,915
		Labor Total		8,915	8,915
TRANSMISSION Total				8,915	8,915
TSD-HERC - Crane Sv\$		Labor	Labor Entries <\$5,000	952	952
		Labor Total		952	952
TSD-HERC - Crane Sv\$ Total				952	952
3. Construction Total				176,946	176,946
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000 FIP-Antelope:Construct new 500kV switchy	9,866	9,866
		Chargeback Total		1,049,206	1,049,206
	Chargebacks Total			1,059,072	1,059,072
	Labor - Other	Labor	Labor Entries <\$5,000	(61,403)	(61,403)
		Labor Total		(61,403)	(61,403)
	Labor - Other Total			(61,403)	(61,403)
4. Allocated Total				997,670	997,670
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax	(193,699)	(193,699)
		Non Budgeted Total		(193,699)	(193,699)
	Non Budget - Other Total			(193,699)	(193,699)
5. Corporate Overhead Total				(193,699)	(193,699)
				11,813,640	11,813,640
				11,813,640	11,813,640
				11,813,640	11,813,640

Pin: 6440
Order: 800148387

Project: TRTP
Segment 9
800148387 - 800148391 Antelope - Construct addition to station

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
1. Project Support	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	(12,349)	(12,349)
		Contract Total		(12,349)	(12,349)
	Contract Consult/Contract Ord to Ord Total			(12,349)	(12,349)
CORPENVHEALTH&SAFETY	Labor	Labor Entries <\$5,000		(705)	(705)
	Labor Total			(705)	(705)
CORPENVHEALTH&SAFETY Total				(705)	(705)
DCM	Labor	Labor Entries <\$5,000		(59,123)	(59,123)
	Labor Total			(59,123)	(59,123)
DCM Total				(59,123)	(59,123)
ELEC SYS PLANNING	Labor	Labor Entries <\$5,000		(263,532)	(263,532)
	Labor Total			(263,532)	(263,532)
ELEC SYS PLANNING Total				(263,532)	(263,532)
Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000		(42,767)	(42,767)
	Contract Total			(42,767)	(42,767)
Engineering/Technical Professional Servi Total				(42,767)	(42,767)
Environmental/Safety Professional Servic	Contract	Contract Entries <\$50,000		(103,020)	(103,020)
	Contract Total			(103,020)	(103,020)
Environmental/Safety Professional Servic Total				(103,020)	(103,020)
HRealProp	Labor	Labor Entries <\$5,000		(718)	(718)
	Labor Total			(718)	(718)
HRealProp Total				(718)	(718)
Labor - Other	Labor	Labor Correction		33,134	33,134
		Labor Entries <\$5,000		(156)	(156)
	Labor Total			32,978	32,978
Labor - Other Total				32,978	32,978
MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000		(11,554)	(11,554)
	Labor Total			(11,554)	(11,554)
MAJOR PROJECT ORG Total				(11,554)	(11,554)
Other	Other	Other		115,358	115,358
		SODEXO MAGIC FOOD SERVICE		(903)	(903)
	Other Total			114,455	114,455
Other Total				114,455	114,455
Temporary/Supplementary - Technical/Prof	Contract	Contract Entries <\$50,000		(58,594)	(58,594)
	Contract Total	Temporary/Supplementary - Technical/Prof		53,842	53,842
Temporary/Supplementary - Technical/Prof Total				(4,752)	(4,752)
Temporary/Supplementary - Trade/Labor	Contract	Contract Entries <\$50,000		(175,579)	(175,579)
	Contract Total	Temporary/Supplementary - Trade/Labor		171,880	171,880
Temporary/Supplementary - Trade/Labor Total				(3,699)	(3,699)
TRANSMISSION	Labor	Labor Entries <\$5,000		(9,803)	(9,803)
	Labor Total			(9,803)	(9,803)
TRANSMISSION Total				(9,803)	(9,803)
1. Project Support Total				(364,588)	(364,588)
2. Material	Breakers - Circuit-DP	Material - Direct Purchase	MITSUBISHI ELECTRIC POWER PROD INC	-	-
		Material - Direct Purchase Total		-	-
	Breakers - Circuit-DP Total			-	-

Pin: 6440
Order: 800148387

Project: TRTP
Segment 9
800148387 - 800148391 Antelope - Construct addition to station

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Building, Shop & Industrial Products/Eqp	(437,074)	(437,074)
		Material - Direct Purchase Total		(437,074)	(437,074)
	Building, Shop & Industrial Products/Eqp Total			(437,074)	(437,074)
	Cabinets, Panels and Switchboards-DP	Material - Direct Purchase	Cabinets, Panels and Switchboards-DP	95,194	95,194
		Material - Direct Purchase Total		95,194	95,194
	Cabinets, Panels and Switchboards-DP Total			95,194	95,194
	Capacitors and Regulators-DP	Material - Direct Purchase	GE GRID SOLUTIONS LLC	-	-
		Material - Direct Purchase Total		-	-
	Capacitors and Regulators-DP Total			-	-
	Electric Wiring and Components-DP	Material - Direct Purchase	Electric Wiring and Components-DP	(689,528)	(689,528)
		Material - Direct Purchase Total		(689,528)	(689,528)
	Electric Wiring and Components-DP Total			(689,528)	(689,528)
	Fuels, Chemicals & Petrochem-DP	Material - Direct Purchase	Fuels, Chemicals & Petrochem-DP	(285)	(285)
		Material - Direct Purchase Total		(285)	(285)
	Fuels, Chemicals & Petrochem-DP Total			(285)	(285)
	Insulators & Bushings-DP	Material - Direct Purchase	Insulators & Bushings-DP	(19,661)	(19,661)
		Material - Direct Purchase Total		(19,661)	(19,661)
	Insulators & Bushings-DP Total			(19,661)	(19,661)
	Line Switches & Switchgear-DP	Material - Direct Purchase	Line Switches & Switchgear-DP	-	-
		Material - Direct Purchase Total		-	-
	Line Switches & Switchgear-DP Total			-	-
	Material - Inventory	Material	Building, Shop & Industrial Products/Eqp	24,115	24,115
			Communication Systems and Equipment -IN	(4,186)	(4,186)
			Electric Wiring and Components-IN	(199,823)	(199,823)
			Insulators & Bushings-IN	(1,001,515)	(1,001,515)
			Metals & Fabricated Metal Products-IN	(63,074)	(63,074)
			Pipe/Tubing, Fittings and Gaskets-IN	(62,682)	(62,682)
			Pole Line Hdwe & Connectors-IN	(92,677)	(92,677)
			Protection and Test-IN	(512,938)	(512,938)
			Transformers CT/PT/INSTR-IN	(11,308)	(11,308)
			Wire, Cable & Bus Bar-IN	(137,534)	(137,534)
		Material Total		(2,061,620)	(2,061,620)
	Material - Inventory Total			(2,061,620)	(2,061,620)
	Material - Other	Material	Material Direct Purchase Ord to Ord	(12)	(12)
			Material Sales Tax Expense	-	-
			Special Transport	(169,154)	(169,154)
		Material Total		(169,167)	(169,167)
	Material - Other Total			(169,167)	(169,167)
	Metals & Fabricated Metal Products-DP	Material - Direct Purchase	CROWN TECHNICAL SYSTEMS	(31,032)	(31,032)
		Material - Direct Purchase Total		(31,032)	(31,032)
	Metals & Fabricated Metal Products-DP Total			(31,032)	(31,032)
	Meters, Monitor and Warnings-DP	Material - Direct Purchase	MAGNETIC INSTRUMENTATION INC	-	-
		Material - Direct Purchase Total		-	-
	Meters, Monitor and Warnings-DP Total			-	-
	Office & Office Support Products-DP	Material - Direct Purchase	Material Entries <\$5,000	(3,182)	(3,182)
		Material - Direct Purchase Total		(3,182)	(3,182)
	Office & Office Support Products-DP Total			(3,182)	(3,182)

Pin: 6440
Order: 800148387

Project: TRTP
Segment 9
800148387 - 800148391 Antelope - Construct addition to station

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
	Pipe/Tubing, Fittings and Gaskets-DP	Material - Direct Purchase	Pipe/Tubing, Fittings and Gaskets-DP	(9,954)	(9,954)
		Material - Direct Purchase Total		(9,954)	(9,954)
	Pipe/Tubing, Fittings and Gaskets-DP Total			(9,954)	(9,954)
	Pole Line Hdwe & Connectors-DP	Material - Direct Purchase	Material Entries <\$5,000	(706,378)	(706,378)
		Material - Direct Purchase Total		(706,378)	(706,378)
	Pole Line Hdwe & Connectors-DP Total			(706,378)	(706,378)
	Power Systems, Batteries and Light-DP	Material - Direct Purchase	Material Entries <\$5,000	-	-
		Material - Direct Purchase Total		-	-
	Power Systems, Batteries and Light-DP Total			-	-
	Protection and Test-DP	Material - Direct Purchase	Protection and Test-DP	(1,929)	(1,929)
		Material - Direct Purchase Total		(1,929)	(1,929)
	Protection and Test-DP Total			(1,929)	(1,929)
	Reactors and Line Traps-DP	Material - Direct Purchase	TRENCH LTD	-	-
		Material - Direct Purchase Total		-	-
	Reactors and Line Traps-DP Total			-	-
	Steel / Fabricated / Structural-DP	Material - Direct Purchase	Steel / Fabricated / Structural-DP	(5,925,159)	(5,925,159)
		Material - Direct Purchase Total		(5,925,159)	(5,925,159)
	Steel / Fabricated / Structural-DP Total			(5,925,159)	(5,925,159)
	Towers/Poles, Steel & Concrete-DP	Material - Direct Purchase	VALMONT INDUSTRIES INC	(299,110)	(299,110)
		Material - Direct Purchase Total		(299,110)	(299,110)
	Towers/Poles, Steel & Concrete-DP Total			(299,110)	(299,110)
	Transformers - Power Substation-DP	Material - Direct Purchase	ABB INC	-	-
		Material - Direct Purchase Total		-	-
	Transformers - Power Substation-DP Total			-	-
	Transportation & Mobile Equip-DP	Material - Direct Purchase	Transportation & Mobile Equip-DP	(208,468)	(208,468)
		Material - Direct Purchase Total		(208,468)	(208,468)
	Transportation & Mobile Equip-DP Total			(208,468)	(208,468)
	Wire, Cable & Bus Bar-DP	Material - Direct Purchase	Wire, Cable & Bus Bar-DP	(784)	(784)
		Material - Direct Purchase Total		(784)	(784)
	Wire, Cable & Bus Bar-DP Total			(784)	(784)
2. Material Total				(10,468,136)	(10,468,136)
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	(17,699)	(17,699)
		Contract Total		(17,699)	(17,699)
	Construction Management Services Total			(17,699)	(17,699)
	Construction, Earthwork	Contract	Contract Entries <\$50,000	(50,914)	(50,914)
		Contract Total		50,914	50,914
	Construction, Earthwork Total			-	-
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	(19,532)	(19,532)
		Labor Total		(19,532)	(19,532)
	ELEC SYS PLANNING Total			(19,532)	(19,532)
	Electrical Services	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Electrical Services Total			-	-
	GRID OPS	Labor	Labor Entries <\$5,000	(1,959)	(1,959)
		Labor Total		(1,959)	(1,959)
	GRID OPS Total			(1,959)	(1,959)

Pin: 6440
Order: 800148387

Project: TRTP
Segment 9
800148387 - 800148391 Antelope - Construct addition to station

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
	Hauling / Industrial Moving Services	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Hauling / Industrial Moving Services Total			-	-
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000	(95,194)	(95,194)
		Contract Total		(95,194)	(95,194)
	Major Construction, Turnkey, Trans/Subs Total			(95,194)	(95,194)
	SC&M	Labor	Labor Entries <\$5,000	(21,437)	(21,437)
		Labor Total		(21,437)	(21,437)
	SC&M Total			(21,437)	(21,437)
	Short Term Equipment Rent	Contract	Contract Entries <\$50,000	(99,197)	(99,197)
		KING EQUIPMENT LLC		87,938	87,938
		Contract Total		(11,259)	(11,259)
	Short Term Equipment Rent Total			(11,259)	(11,259)
	TRANSMISSION	Labor	Labor Entries <\$5,000	(8,915)	(8,915)
		Labor Total		(8,915)	(8,915)
	TRANSMISSION Total			(8,915)	(8,915)
	TSD-HERC - Crane Svcs	Labor	Labor Entries <\$5,000	(952)	(952)
		Labor Total		(952)	(952)
	TSD-HERC - Crane Svcs Total			(952)	(952)
3. Construction Total				(176,946)	(176,946)
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	(1,059,072)	(1,059,072)
		Chargeback Total		(1,059,072)	(1,059,072)
	Chargebacks Total			(1,059,072)	(1,059,072)
	Labor - Other	Labor	Labor Entries <\$5,000	(2,280)	(2,280)
		Paid Absence		63,682	63,682
		Labor Total		61,403	61,403
	Labor - Other Total			61,403	61,403
4. Allocated Total				(997,670)	(997,670)
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax	-	-
			Capitalized Overhead - A&G	(54,327)	(54,327)
			Capitalized Overhead - Inj & Damages	(293,311)	(293,311)
			Capitalized Overhead - IT IMM	(12)	(12)
			Capitalized Overhead - P&B/Payroll Tax	203,587	203,587
		Non Budgeted Total		(144,062)	(144,062)
	Non Budget - Other Total			(144,062)	(144,062)
5. Corporate Overhead Total				(144,062)	(144,062)
				(12,151,401)	(12,151,401)
				(12,151,401)	(12,151,401)
				(12,151,401)	(12,151,401)

Pin: 5243
Order: 800148388

Project: TRTP
Segment 9
800148388 - 800157256 Whirlwind - Construct new substation

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
1. Project Support	DCM	Labor	DCM / Techn Spl/Scientist	52,959	52,959
			Labor Entries <\$5,000	215	215
		Labor Total		53,174	53,174
	DCM Total			53,174	53,174
	ELEC SYS PLANNING	Labor	Corp Support/Aircraft/Trainee	9,142	9,142
			ELEC SYS PLANNING / Engineer	145,612	145,612
			ELEC SYS PLANNING / Mgr-Prj/Prod	62,798	62,798
			Labor Entries <\$5,000	4,161	4,161
		Labor Total		221,713	221,713
	ELEC SYS PLANNING Total			221,713	221,713
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	228,743	228,743
		Contract Total		228,743	228,743
	Engineering/Technical Professional Servi Total			228,743	228,743
	Environmental/Safety Professional Servic	Contract	Contract Entries <\$50,000	124,113	124,113
		Contract Total		124,113	124,113
	Environmental/Safety Professional Servic Total			124,113	124,113
	HRealProp	Labor	Labor Entries <\$5,000	478	478
		Labor Total		478	478
	HRealProp Total			478	478
	Labor - Other	Labor	Labor Entries <\$5,000	456	456
		Labor Total		456	456
	Labor - Other Total			456	456
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	83	83
			MAJOR PROJECT ORG / Anly Prg/Prj	14,111	14,111
		Labor Total		14,194	14,194
	MAJOR PROJECT ORG Total			14,194	14,194
	Other	Other	Other	46,988	46,988
			SODEXO MAGIC FOOD SERVICE	63	63
		Other Total		47,051	47,051
	Other Total			47,051	47,051
	SC&M	Labor	Labor Entries <\$5,000	1,775	1,775
		Labor Total		1,775	1,775
	SC&M Total			1,775	1,775
	Temporary/Supplementary - Technical/Prof	Contract	Contract Entries <\$50,000	(47,510)	(47,510)
			Temporary/Supplementary - Technical/Prof	52,879	52,879
		Contract Total		5,369	5,369
	Temporary/Supplementary - Technical/Prof Total			5,369	5,369
	Temporary/Supplementary - Trade/Labor	Contract	Contract Entries <\$50,000	(194,754)	(194,754)
			Temporary/Supplementary - Trade/Labor	198,167	198,167
		Contract Total		3,413	3,413
	Temporary/Supplementary - Trade/Labor Total			3,413	3,413
1. Project Support Total				700,478	700,478
2. Material	Breakers - Circuit-DP	Material - Direct Purchase	MITSUBISHI ELECTRIC POWER PROD INC	-	-

Pin: 5243
Order: 800148388

Project: TRTP
Segment 9
800148388 - 800157256 Whirlwind - Construct new substation

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
Breakers - Circuit-DP Total		Material - Direct Purchase Total		-	-
Building, Shop & Industrial Products/Eqp		Material - Direct Purchase	Building, Shop & Industrial Products/Eqp	127,083	127,083
		Material - Direct Purchase Total		127,083	127,083
Building, Shop & Industrial Products/Eqp Total				127,083	127,083
Cabinets, Panels and Switchboards-DP		Material - Direct Purchase	Cabinets, Panels and Switchboards-DP	-	-
		Material - Direct Purchase Total		-	-
Cabinets, Panels and Switchboards-DP Total				-	-
Capacitors and Regulators-DP		Material - Direct Purchase	GE GRID SOLUTIONS LLC	-	-
		Material - Direct Purchase Total		-	-
Capacitors and Regulators-DP Total				-	-
Electric Wiring and Components-DP		Material - Direct Purchase	Electric Wiring and Components-DP	153,598	153,598
		Material - Direct Purchase Total		153,598	153,598
Electric Wiring and Components-DP Total				153,598	153,598
Fuels, Chemicals & Petrochem-DP		Material - Direct Purchase	Fuels, Chemicals & Petrochem-DP	288	288
		Material - Direct Purchase Total		288	288
Fuels, Chemicals & Petrochem-DP Total				288	288
Insulators & Bushings-DP		Material - Direct Purchase	Insulators & Bushings-DP	39,777	39,777
		Material - Direct Purchase Total		39,777	39,777
Insulators & Bushings-DP Total				39,777	39,777
Line Switches & Switchgear-DP		Material - Direct Purchase	Line Switches & Switchgear-DP	-	-
		Material - Direct Purchase Total		-	-
Line Switches & Switchgear-DP Total				-	-
Material - Inventory		Material	Building, Shop & Industrial Products/Eqp	16,271	16,271
			Communication Systems and Equipment -IN	4,186	4,186
			Electric Wiring and Components-IN	350,635	350,635
			Insulators & Bushings-IN	701,567	701,567
			Metals & Fabricated Metal Products-IN	55,313	55,313
			Pipe/Tubing, Fittings and Gaskets-IN	55,656	55,656
			Pole Line Hdwe & Connectors-IN	80,048	80,048
			Protection and Test-IN	423,677	423,677
			Transformers CT/PT/INSTR-IN	5,942	5,942
			Wire, Cable & Bus Bar-IN	176,831	176,831
				1,870,126	1,870,126
Material - Inventory Total		Material Total		1,870,126	1,870,126
Material - Other		Material	Material Direct Purchase Ord to Ord	135	135
			Material Sales Tax Expense	(974)	(974)
			Special Transport	68,477	68,477
Material - Other Total		Material Total		67,639	67,639
Metals & Fabricated Metal Products-DP		Material - Direct Purchase	CROWN TECHNICAL SYSTEMS	25,011	25,011
		Material - Direct Purchase Total		25,011	25,011
Metals & Fabricated Metal Products-DP Total				25,011	25,011

Pin: 5243
Order: 800148388

Project: TRTP
Segment 9
800148388 - 800157256 Whirlwind - Construct new substation

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
Meters, Monitor and Warnings-DP		Material - Direct Purchase	MAGNETIC INSTRUMENTATION INC	-	-
		Material - Direct Purchase Total		-	-
Meters, Monitor and Warnings-DP Total				-	-
Office & Office Support Products-DP		Material - Direct Purchase	Material Entries <\$5,000	549	549
		Material - Direct Purchase Total		549	549
Office & Office Support Products-DP Total				549	549
Pipe/Tubing, Fittings and Gaskets-DP		Material - Direct Purchase	Pipe/Tubing, Fittings and Gaskets-DP	4,500	4,500
		Material - Direct Purchase Total		4,500	4,500
Pipe/Tubing, Fittings and Gaskets-DP Total				4,500	4,500
Pole Line Hdwe & Connectors-DP		Material - Direct Purchase	Material Entries <\$5,000	794,043	794,043
		Material - Direct Purchase Total		794,043	794,043
Pole Line Hdwe & Connectors-DP Total				794,043	794,043
Power Systems, Batteries and Light-DP		Material - Direct Purchase	Material Entries <\$5,000	620,300	620,300
		Material - Direct Purchase Total		620,300	620,300
Power Systems, Batteries and Light-DP Total				620,300	620,300
Protection and Test-DP		Material - Direct Purchase	Protection and Test-DP	1,471	1,471
		Material - Direct Purchase Total		1,471	1,471
Protection and Test-DP Total				1,471	1,471
Reactors and Line Traps-DP		Material - Direct Purchase	TRENCH LTD	-	-
		Material - Direct Purchase Total		-	-
Reactors and Line Traps-DP Total				-	-
Steel / Fabricated / Structural-DP		Material - Direct Purchase	Steel / Fabricated / Structural-DP	3,610,020	3,610,020
		Material - Direct Purchase Total		3,610,020	3,610,020
Steel / Fabricated / Structural-DP Total				3,610,020	3,610,020
Transformers - Power Substation-DP		Material - Direct Purchase	ABB INC	-	-
		Material - Direct Purchase Total		-	-
Transformers - Power Substation-DP Total				-	-
Transportation & Mobile Equip-DP		Material - Direct Purchase	Transportation & Mobile Equip-DP	136,610	136,610
		Material - Direct Purchase Total		136,610	136,610
Transportation & Mobile Equip-DP Total				136,610	136,610
Wire, Cable & Bus Bar-DP		Material - Direct Purchase	Wire, Cable & Bus Bar-DP	1,173	1,173
		Material - Direct Purchase Total		1,173	1,173
Wire, Cable & Bus Bar-DP Total				1,173	1,173
2. Material Total				7,452,188	7,452,188
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	138,124	138,124
		Contract Total		138,124	138,124
	Construction Management Services Total			138,124	138,124
	ELEC SYS PLANNING	Labor	ELEC SYS PLANNING / Cnst/Mtrl Cndtr	14,486	14,486
		Labor Total	Labor Entries <\$5,000	270	270
	ELEC SYS PLANNING Total			14,756	14,756
	GRID OPS	Labor	Labor Entries <\$5,000	1,853	1,853
		Labor Total		1,853	1,853

Pin: 5243
Order: 800148388

Project: TRTP
Segment 9
800148388 - 800157256 Whirlwind - Construct new substation

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
	GRID OPS Total			1,853	1,853
	Hauling / Industrial Moving Services	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Hauling / Industrial Moving Services Total			-	-
	TRANSMISSION	Labor	Labor Entries <\$5,000	551	551
		Labor Total		551	551
	TRANSMISSION Total			551	551
	TSD-HERC - Crane Svs	Labor	Labor Entries <\$5,000	952	952
		Labor Total		952	952
	TSD-HERC - Crane Svs Total			952	952
3. Construction Total				156,236	156,236
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	2,151	2,151
			FIP-Whirlwind:Construct new 500/220kv su	1,902,845	1,902,845
		Chargeback Total		1,904,996	1,904,996
	Chargebacks Total			1,904,996	1,904,996
	Labor - Other	Labor	Division Overhead	136,938	136,938
			Labor Entries <\$5,000	(421,914)	(421,914)
		Labor Total		(284,976)	(284,976)
	Labor - Other Total			(284,976)	(284,976)
4. Allocated Total				1,620,020	1,620,020
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax	(153,727)	(153,727)
			AFUDC - Debt/Equity	-	-
		Non Budgeted Total		(153,727)	(153,727)
	Non Budget - Other Total			(153,727)	(153,727)
5. Corporate Overhead Total				(153,727)	(153,727)
				9,775,195	9,775,195
				9,775,195	9,775,195
				9,775,195	9,775,195

Pin: 6440
Order: 800148388

Project: TRTP
Segment 9
800148388 - 800157256 Whirlwind - Construct new substation

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
1. Project Support					
	DCM	Labor	Labor Entries <\$5,000	(53,174)	(53,174)
		Labor Total		(53,174)	(53,174)
	DCM Total			(53,174)	(53,174)
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	(221,713)	(221,713)
		Labor Total		(221,713)	(221,713)
	ELEC SYS PLANNING Total			(221,713)	(221,713)
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	(228,743)	(228,743)
		Contract Total		(228,743)	(228,743)
	Engineering/Technical Professional Servi Total			(228,743)	(228,743)
	Environmental/Safety Professional Servic	Contract	Contract Entries <\$50,000	(124,113)	(124,113)
		Contract Total		(124,113)	(124,113)
	Environmental/Safety Professional Servic Total			(124,113)	(124,113)
	HRealProp	Labor	Labor Entries <\$5,000	(478)	(478)
		Labor Total		(478)	(478)
	HRealProp Total			(478)	(478)
	Labor - Other	Labor	Labor Correction	5,336	5,336
			Labor Entries <\$5,000	(5,792)	(5,792)
		Labor Total		(456)	(456)
	Labor - Other Total			(456)	(456)
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	(14,194)	(14,194)
		Labor Total		(14,194)	(14,194)
	MAJOR PROJECT ORG Total			(14,194)	(14,194)
	Other	Other	Other	(46,988)	(46,988)
			SODEXO MAGIC FOOD SERVICE	(63)	(63)
		Other Total		(47,051)	(47,051)
	Other Total			(47,051)	(47,051)
	SC&M	Labor	Labor Entries <\$5,000	(1,775)	(1,775)
		Labor Total		(1,775)	(1,775)
	SC&M Total			(1,775)	(1,775)
	Temporary/Supplementary - Technical/Prof	Contract	Contract Entries <\$50,000	(5,369)	(5,369)
		Contract Total		(5,369)	(5,369)
	Temporary/Supplementary - Technical/Prof Total			(5,369)	(5,369)
	Temporary/Supplementary - Trade/Labor	Contract	Contract Entries <\$50,000	(198,293)	(198,293)
			Temporary/Supplementary - Trade/Labor	194,881	194,881
		Contract Total		(3,413)	(3,413)
	Temporary/Supplementary - Trade/Labor Total			(3,413)	(3,413)
1. Project Support Total				(700,478)	(700,478)
2. Material				-	-
	Breakers - Circuit-DP	Material - Direct Purchase	MITSUBISHI ELECTRIC POWER PROD INC	-	-
		Material - Direct Purchase Total		-	-
	Breakers - Circuit-DP Total			-	-
	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Building, Shop & Industrial Products/Eqp	(127,083)	(127,083)
		Material - Direct Purchase Total		(127,083)	(127,083)
	Building, Shop & Industrial Products/Eqp Total			(127,083)	(127,083)

Pin: 6440
Order: 800148388

Project: TRTP
Segment 9
800148388 - 800157256 Whirlwind - Construct new substation

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
Cabinets, Panels and Switchboards-DP		Material - Direct Purchase	Cabinets, Panels and Switchboards-DP	-	-
		Material - Direct Purchase Total		-	-
Cabinets, Panels and Switchboards-DP Total				-	-
Capacitors and Regulators-DP		Material - Direct Purchase	GE GRID SOLUTIONS LLC	-	-
		Material - Direct Purchase Total		-	-
Capacitors and Regulators-DP Total				-	-
Electric Wiring and Components-DP		Material - Direct Purchase	Electric Wiring and Components-DP	(153,598)	(153,598)
		Material - Direct Purchase Total		(153,598)	(153,598)
Electric Wiring and Components-DP Total				(153,598)	(153,598)
Fuels, Chemicals & Petrochem-DP		Material - Direct Purchase	Fuels, Chemicals & Petrochem-DP	(288)	(288)
		Material - Direct Purchase Total		(288)	(288)
Fuels, Chemicals & Petrochem-DP Total				(288)	(288)
Insulators & Bushings-DP		Material - Direct Purchase	Insulators & Bushings-DP	(39,777)	(39,777)
		Material - Direct Purchase Total		(39,777)	(39,777)
Insulators & Bushings-DP Total				(39,777)	(39,777)
Line Switches & Switchgear-DP		Material - Direct Purchase	Line Switches & Switchgear-DP	-	-
		Material - Direct Purchase Total		-	-
Line Switches & Switchgear-DP Total				-	-
Material - Inventory		Material	Building, Shop & Industrial Products/Eqp	(16,271)	(16,271)
			Communication Systems and Equipment-IN	(4,186)	(4,186)
			Electric Wiring and Components-IN	(350,635)	(350,635)
			Insulators & Bushings-IN	(701,567)	(701,567)
			Metals & Fabricated Metal Products-IN	(55,313)	(55,313)
			Pipe/Tubing, Fittings and Gaskets-IN	(55,656)	(55,656)
			Pole Line Hdwe & Connectors-IN	(80,048)	(80,048)
			Protection and Test-IN	(423,677)	(423,677)
			Transformers CT/PT/INSTR-IN	(5,942)	(5,942)
			Wire, Cable & Bus Bar-IN	(176,831)	(176,831)
				(1,870,126)	(1,870,126)
				(1,870,126)	(1,870,126)
Material - Inventory Total		Material Total			
Material - Other		Material	Material Direct Purchase Ord to Ord	(135)	(135)
			Material Sales Tax Expense	974	974
			Special Transport	(68,477)	(68,477)
				(67,639)	(67,639)
Material - Other Total		Material Total		(67,639)	(67,639)
Metals & Fabricated Metal Products-DP		Material - Direct Purchase	CROWN TECHNICAL SYSTEMS	(25,011)	(25,011)
		Material - Direct Purchase Total		(25,011)	(25,011)
Metals & Fabricated Metal Products-DP Total				(25,011)	(25,011)
Meters, Monitor and Warnings-DP		Material - Direct Purchase	MAGNETIC INSTRUMENTATION INC	-	-
		Material - Direct Purchase Total		-	-
Meters, Monitor and Warnings-DP Total				-	-
Office & Office Support Products-DP		Material - Direct Purchase	Material Entries <\$5,000	(549)	(549)
		Material - Direct Purchase Total		(549)	(549)

Pin: 6440
Order: 800148388

Project: TRTP
Segment 9
800148388 - 800157256 Whirlwind - Construct new substation

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
	Office & Office Support Products-DP Total			(549)	(549)
	Pipe/Tubing, Fittings and Gaskets-DP	Material - Direct Purchase	Pipe/Tubing, Fittings and Gaskets-DP	(4,500)	(4,500)
		Material - Direct Purchase Total		(4,500)	(4,500)
	Pipe/Tubing, Fittings and Gaskets-DP Total			(4,500)	(4,500)
	Pole Line Hdwe & Connectors-DP	Material - Direct Purchase	Material Entries <\$5,000	(794,043)	(794,043)
		Material - Direct Purchase Total		(794,043)	(794,043)
	Pole Line Hdwe & Connectors-DP Total			(794,043)	(794,043)
	Power Systems, Batteries and Light-DP	Material - Direct Purchase	Material Entries <\$5,000	(620,300)	(620,300)
		Material - Direct Purchase Total		(620,300)	(620,300)
	Power Systems, Batteries and Light-DP Total			(620,300)	(620,300)
	Protection and Test-DP	Material - Direct Purchase	Protection and Test-DP	(1,471)	(1,471)
		Material - Direct Purchase Total		(1,471)	(1,471)
	Protection and Test-DP Total			(1,471)	(1,471)
	Reactors and Line Traps-DP	Material - Direct Purchase	TRENCH LTD	-	-
		Material - Direct Purchase Total		-	-
	Reactors and Line Traps-DP Total			-	-
	Steel / Fabricated / Structural-DP	Material - Direct Purchase	Steel / Fabricated / Structural-DP	(3,610,020)	(3,610,020)
		Material - Direct Purchase Total		(3,610,020)	(3,610,020)
	Steel / Fabricated / Structural-DP Total			(3,610,020)	(3,610,020)
	Transformers - Power Substation-DP	Material - Direct Purchase	ABB INC	-	-
		Material - Direct Purchase Total		-	-
	Transformers - Power Substation-DP Total			-	-
	Transportation & Mobile Equip-DP	Material - Direct Purchase	Transportation & Mobile Equip-DP	(136,610)	(136,610)
		Material - Direct Purchase Total		(136,610)	(136,610)
	Transportation & Mobile Equip-DP Total			(136,610)	(136,610)
	Wire, Cable & Bus Bar-DP	Material - Direct Purchase	Wire, Cable & Bus Bar-DP	(1,173)	(1,173)
		Material - Direct Purchase Total		(1,173)	(1,173)
	Wire, Cable & Bus Bar-DP Total			(1,173)	(1,173)
2. Material Total				(7,452,188)	(7,452,188)
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	(138,124)	(138,124)
		Contract Total		(138,124)	(138,124)
	Construction Management Services Total			(138,124)	(138,124)
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	(14,756)	(14,756)
		Labor Total		(14,756)	(14,756)
	ELEC SYS PLANNING Total			(14,756)	(14,756)
	GRID OPS	Labor	Labor Entries <\$5,000	(1,853)	(1,853)
		Labor Total		(1,853)	(1,853)
	GRID OPS Total			(1,853)	(1,853)
	Hauling / Industrial Moving Services	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Hauling / Industrial Moving Services Total			-	-
	TRANSMISSION	Labor	Labor Entries <\$5,000	(551)	(551)
		Labor Total		(551)	(551)

Pin: 6440
Order: 800148388

Project: TRTP
Segment 9
800148388 - 800157256 Whirlwind - Construct new substation

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
	TRANSMISSION Total			(551)	(551)
	TSD-HERC - Crane Svs	Labor	Labor Entries <\$5,000	(952)	(952)
		Labor Total		(952)	(952)
	TSD-HERC - Crane Svs Total			(952)	(952)
3. Construction Total				(156,236)	(156,236)
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	(1,904,996)	(1,904,996)
		Chargeback Total		(1,904,996)	(1,904,996)
	Chargebacks Total			(1,904,996)	(1,904,996)
	Labor - Other	Labor	Division Overhead	418,800	418,800
			Labor Entries <\$5,000	(140,401)	(140,401)
			Paid Absence	6,577	6,577
		Labor Total		284,976	284,976
	Labor - Other Total			284,976	284,976
4. Allocated Total				(1,620,020)	(1,620,020)
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax	-	-
			AFUDC - Debt/Equity	-	-
			Capitalized Overhead - A&G	(22,747)	(22,747)
			Capitalized Overhead - Inj & Damages	(231,982)	(231,982)
			Capitalized Overhead - IT IMM	-	-
			Capitalized Overhead - P&B/Payroll Tax	(104,216)	(104,216)
		Non Budgeted Total		(358,946)	(358,946)
	Non Budget - Other Total			(358,946)	(358,946)
5. Corporate Overhead Total				(358,946)	(358,946)
				(10,287,868)	(10,287,868)
				(10,287,868)	(10,287,868)
				(10,287,868)	(10,287,868)

Pin: 5243

Order: 800148389

Project: TRTP

800148389 - 800157254 Windhub - Construct 500kV switchyard

Segment 9

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
1. Project Support	Con - Consults/Prof Svcs/Out Ord to Ord	Contract	Contract Entries <\$50,000	1,818	1,818
		Contract Total		1,818	1,818
	Con - Consults/Prof Svcs/Out Ord to Ord Total			1,818	1,818
	Contract - Other - Correction	Contract	Contract Entries <\$50,000	1,960	1,960
		Contract Total		1,960	1,960
	Contract - Other - Correction Total			1,960	1,960
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	592	592
		Contract Total		592	592
	Contract Consult/Contract Ord to Ord Total			592	592
	DCM	Labor	DCM / Techn Spl/Scientist	40,394	40,394
			Labor Entries <\$5,000	308	308
		Labor Total		40,702	40,702
	DCM Total			40,702	40,702
	ELEC SYS PLANNING	Labor	ELEC SYS PLANNING / Engineer	111,534	111,534
			ELEC SYS PLANNING / Mgr-Prj/Prod	75,130	75,130
			Labor Entries <\$5,000	7,242	7,242
			Planner	21,472	21,472
		Labor Total		215,379	215,379
	ELEC SYS PLANNING Total			215,379	215,379
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	45,755	45,755
		Contract Total		45,755	45,755
	Engineering/Technical Professional Servi Total			45,755	45,755
	Information System Professional Services	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Information System Professional Services Total			-	-
	Labor - Other	Labor	ALH-SUBORDER WHIRLWIND SUB.	16,940	16,940
			Labor Entries <\$5,000	(362,656)	(362,656)
		Labor Total		(345,715)	(345,715)
	Labor - Other Total			(345,715)	(345,715)
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	(62)	(62)
			MAJOR PROJECT ORG / Anly Prg/Prj	38,631	38,631
		Labor Total		38,569	38,569
	MAJOR PROJECT ORG Total			38,569	38,569
	Other	Other	Other	25,093	25,093
			SODEXO MAGIC FOOD SERVICE	496	496
		Other Total		25,589	25,589
	Other Total			25,589	25,589
	SC&M	Labor	Labor Entries <\$5,000	3,927	3,927
		Labor Total		3,927	3,927
	SC&M Total			3,927	3,927
	Temporary/Supplementary - Technical/Prof	Contract	Contract Entries <\$50,000	6,425	6,425
		Contract Total		6,425	6,425
	Temporary/Supplementary - Technical/Prof Total			6,425	6,425
	Temporary/Supplementary - Trade/Labor	Contract	Contract Entries <\$50,000	(235,680)	(235,680)
			Temporary/Supplementary - Trade/Labor	247,986	247,986
		Contract Total		12,305	12,305
	Temporary/Supplementary - Trade/Labor Total			12,305	12,305
1. Project Support Total				47,304	47,304
2. Material	Breakers - Circuit-DP	Material - Direct Purchase	MITSUBISHI ELECTRIC POWER PROD INC	-	-

Pin: 5243
Order: 800148389

Project: TRTP
800148389 - 800157254 Windhub - Construct 500kV switchyard

Segment 9

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
Breakers - Circuit-DP Total		Material - Direct Purchase Total		-	-
Building, Shop & Industrial Products/Eqp		Material - Direct Purchase	Building, Shop & Industrial Products/Eqp	150,020	150,020
Building, Shop & Industrial Products/Eqp Total		Material - Direct Purchase Total		150,020	150,020
Cabinets, Panels and Switchboards-DP		Material - Direct Purchase	Cabinets, Panels and Switchboards-DP	(14,558)	(14,558)
Cabinets, Panels and Switchboards-DP Total		Material - Direct Purchase Total		(14,558)	(14,558)
Capacitors and Regulators-DP		Material - Direct Purchase	GE GRID SOLUTIONS LLC	-	-
Capacitors and Regulators-DP Total		Material - Direct Purchase Total		-	-
Electric Wiring and Components-DP		Material - Direct Purchase	Electric Wiring and Components-DP	1,929,686	1,929,686
Electric Wiring and Components-DP Total		Material - Direct Purchase Total		1,929,686	1,929,686
Fuels, Chemicals & Petrochem-DP		Material - Direct Purchase	Fuels, Chemicals & Petrochem-DP	24	24
Fuels, Chemicals & Petrochem-DP Total		Material - Direct Purchase Total		24	24
Insulators & Bushings-DP		Material - Direct Purchase	Insulators & Bushings-DP	81,964	81,964
Insulators & Bushings-DP Total		Material - Direct Purchase Total		81,964	81,964
Line Switches & Switchgear-DP		Material - Direct Purchase	Line Switches & Switchgear-DP	62,278	62,278
Line Switches & Switchgear-DP Total		Material - Direct Purchase Total		62,278	62,278
Material - Inventory		Material	Building, Shop & Industrial Products/Eqp	46,324	46,324
Material - Inventory Total		Material	Communication Systems and Equipment -IN	1,794	1,794
Material - Other		Material	Electric Wiring and Components-IN	264,802	264,802
Material - Other Total		Material Total	Insulators & Bushings-IN	741,944	741,944
Metals & Fabricated Metal Products-DP		Material	Metals & Fabricated Metal Products-IN	23,446	23,446
Metals & Fabricated Metal Products-DP Total		Material - Direct Purchase	Pipe/Tubing, Fittings and Gaskets-IN	34,735	34,735
Office & Office Support Products-DP		Material - Direct Purchase	Pole Line Hdwe & Connectors-IN	181,777	181,777
Office & Office Support Products-DP Total		Material - Direct Purchase Total	Protection and Test-IN	368,302	368,302
Pipe/Tubing, Fittings and Gaskets-DP		Material	Transformers CT/PT/INSTR-IN	7,351	7,351
Pipe/Tubing, Fittings and Gaskets-DP Total		Material	Wire, Cable & Bus Bar-IN	165,939	165,939
Pipe/Tubing, Fittings and Gaskets-DP Total		Material Total		1,836,413	1,836,413
Pipe/Tubing, Fittings and Gaskets-DP Total		Material	Material Direct Purchase Ord to Ord	1,836,413	1,836,413
Pipe/Tubing, Fittings and Gaskets-DP Total		Material	Material Sales Tax Expense	25,872	25,872
Pipe/Tubing, Fittings and Gaskets-DP Total		Material Total	Special Transport	124,469	124,469
Pipe/Tubing, Fittings and Gaskets-DP Total		Material - Direct Purchase	CROWN TECHNICAL SYSTEMS	150,340	150,340
Pipe/Tubing, Fittings and Gaskets-DP Total		Material - Direct Purchase Total		150,340	150,340
Pipe/Tubing, Fittings and Gaskets-DP Total		Material	Material Entries <\$5,000	38,017	38,017
Pipe/Tubing, Fittings and Gaskets-DP Total		Material - Direct Purchase		38,017	38,017
Pipe/Tubing, Fittings and Gaskets-DP Total		Material - Direct Purchase Total		38,017	38,017
Pipe/Tubing, Fittings and Gaskets-DP Total		Material	Pipe/Tubing, Fittings and Gaskets-DP	9,372	9,372
Pipe/Tubing, Fittings and Gaskets-DP Total		Material		9,372	9,372
Pipe/Tubing, Fittings and Gaskets-DP Total		Material - Direct Purchase Total		8,781	8,781
Pipe/Tubing, Fittings and Gaskets-DP Total		Material		8,781	8,781
Pipe/Tubing, Fittings and Gaskets-DP Total		Material - Direct Purchase Total		8,781	8,781

Pin: 5243
Order: 800148389

Project: TRTP
800148389 - 800157254 Windhub - Construct 500kV switchyard

Segment 9

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
Pole Line Hdwe & Connectors-DP		Material - Direct Purchase	Material Entries <\$5,000	483,043	483,043
		Material - Direct Purchase Total		483,043	483,043
Pole Line Hdwe & Connectors-DP Total				483,043	483,043
Power Systems, Batteries and Light-DP		Material - Direct Purchase	Material Entries <\$5,000	655,680	655,680
		Material - Direct Purchase Total		655,680	655,680
Power Systems, Batteries and Light-DP Total				655,680	655,680
Protection and Test-DP		Material - Direct Purchase	Protection and Test-DP	106,999	106,999
		Material - Direct Purchase Total		106,999	106,999
Protection and Test-DP Total				106,999	106,999
Reactors and Line Traps-DP		Material - Direct Purchase	TRENCH LTD	-	-
		Material - Direct Purchase Total		-	-
Reactors and Line Traps-DP Total				-	-
Steel / Fabricated / Structural-DP		Material - Direct Purchase	Steel / Fabricated / Structural-DP	4,875,550	4,875,550
		Material - Direct Purchase Total		4,875,550	4,875,550
Steel / Fabricated / Structural-DP Total				4,875,550	4,875,550
Transformers - Power Substation-DP		Material - Direct Purchase	ABB INC	-	-
		Material - Direct Purchase Total		-	-
Transformers - Power Substation-DP Total				-	-
Transportation & Mobile Equip-DP		Material - Direct Purchase	Transportation & Mobile Equip-DP	161,596	161,596
		Material - Direct Purchase Total		161,596	161,596
Transportation & Mobile Equip-DP Total				161,596	161,596
Wire, Cable & Bus Bar-DP		Material - Direct Purchase	Wire, Cable & Bus Bar-DP	1,709,854	1,709,854
		Material - Direct Purchase Total		1,709,854	1,709,854
Wire, Cable & Bus Bar-DP Total				1,709,854	1,709,854
2. Material Total				12,245,058	12,245,058
3. Construction					
Construction Management Services		Contract	Contract Entries <\$50,000	588,384	588,384
		Contract Total		588,384	588,384
Construction Management Services Total				588,384	588,384
ELEC SYS PLANNING		Labor	ELEC SYS PLANNING / Cnst/Mtrl Cndtr	23,860	23,860
		Labor Total	Labor Entries <\$5,000	135	135
ELEC SYS PLANNING Total				23,995	23,995
Electrical Services		Contract	Contract Entries <\$50,000	(968,877)	(968,877)
		Contract Total	MITSUBISHI ELECTRIC POWER PROD INC	968,877	968,877
Electrical Services Total				-	-
GRID OPS		Labor	Labor Entries <\$5,000	814	814
		Labor Total		814	814
GRID OPS Total				814	814
Hauling / Industrial Moving Services		Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
Hauling / Industrial Moving Services Total				-	-
Major Construction, Turnkey, Trans/Subs		Contract	Contract Entries <\$50,000	14,558	14,558
		Contract Total		14,558	14,558
Major Construction, Turnkey, Trans/Subs Total				14,558	14,558
SC&M		Labor	Labor Entries <\$5,000	2,128	2,128
		Labor Total		2,128	2,128
SC&M Total				2,128	2,128
Short Term Equipment Rent		Contract	Contract Entries <\$50,000	339	339

Pin: 5243
Order: 800148389

Project: TRTP
800148389 - 800157254 Windhub - Construct 500kV switchyard

Segment 9

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
		Contract Total		339	339
Short Term Equipment Rent Total				339	339
TRANSMISSION		Labor	Labor Entries <\$5,000	2,085	2,085
		Labor Total		2,085	2,085
TRANSMISSION Total				2,085	2,085
TSD-HERC - Crane Svs		Labor	Labor Entries <\$5,000	137	137
		Labor Total		137	137
TSD-HERC - Crane Svs Total				137	137
3. Construction Total				632,439	632,439
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	10,709	10,709
			FIP-Windhub:Construct 500kv breaker-and-	504,988	504,988
		Chargeback Total		515,697	515,697
	Chargebacks Total			515,697	515,697
	Labor - Other	Labor	Labor Entries <\$5,000	(1,458,566)	(1,458,566)
		Labor Total		(1,458,566)	(1,458,566)
	Labor - Other Total			(1,458,566)	(1,458,566)
4. Allocated Total				(942,869)	(942,869)
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax	(209,767)	(209,767)
		Non Budgeted Total		(209,767)	(209,767)
	Non Budget - Other Total			(209,767)	(209,767)
5. Corporate Overhead Total				(209,767)	(209,767)
				11,772,165	11,772,165
				11,772,165	11,772,165
				11,772,165	11,772,165

Pin: 6440
Order: 800148389

Project: TRTP
Segment 9
800148389 - 800157254 Windhub - Construct 500kV switchyard

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
1. Project Support	Con - Consults/Prof Svcs/Out Ord to Ord	Contract	Contract Entries <\$50,000	(1,818)	(1,818)
		Contract Total		(1,818)	(1,818)
	Con - Consults/Prof Svcs/Out Ord to Ord Total			(1,818)	(1,818)
	Contract - Other - Correction	Contract	Contract Entries <\$50,000	(1,960)	(1,960)
		Contract Total		(1,960)	(1,960)
	Contract - Other - Correction Total			(1,960)	(1,960)
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	(592)	(592)
		Contract Total		(592)	(592)
	Contract Consult/Contract Ord to Ord Total			(592)	(592)
	DCM	Labor	Labor Entries <\$5,000	(40,702)	(40,702)
		Labor Total		(40,702)	(40,702)
	DCM Total			(40,702)	(40,702)
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	(215,379)	(215,379)
		Labor Total		(215,379)	(215,379)
	ELEC SYS PLANNING Total			(215,379)	(215,379)
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	(45,755)	(45,755)
		Contract Total		(45,755)	(45,755)
	Engineering/Technical Professional Servi Total			(45,755)	(45,755)
	Information System Professional Services	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Information System Professional Services Total			-	-
	Labor - Other	Labor	Labor Correction	369,257	369,257
			Labor Entries <\$5,000	(23,542)	(23,542)
		Labor Total		345,715	345,715
	Labor - Other Total			345,715	345,715
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	(38,569)	(38,569)
		Labor Total		(38,569)	(38,569)
	MAJOR PROJECT ORG Total			(38,569)	(38,569)
	Other	Other	Other	(25,093)	(25,093)
			SODEXO MAGIC FOOD SERVICE	(496)	(496)
		Other Total		(25,589)	(25,589)
	Other Total			(25,589)	(25,589)
	SC&M	Labor	Labor Entries <\$5,000	(3,927)	(3,927)
		Labor Total		(3,927)	(3,927)
	SC&M Total			(3,927)	(3,927)
	Temporary/Supplementary - Technical/Prof	Contract	Contract Entries <\$50,000	(6,425)	(6,425)
		Contract Total		(6,425)	(6,425)
	Temporary/Supplementary - Technical/Prof Total			(6,425)	(6,425)
	Temporary/Supplementary - Trade/Labor	Contract	Contract Entries <\$50,000	(247,986)	(247,986)
			Temporary/Supplementary - Trade/Labor	235,680	235,680
		Contract Total		(12,305)	(12,305)
	Temporary/Supplementary - Trade/Labor Total			(12,305)	(12,305)
1. Project Support Total				(47,304)	(47,304)
2. Material	Breakers - Circuit-DP	Material - Direct Purchase	MITSUBISHI ELECTRIC POWER PROD INC	-	-
		Material - Direct Purchase Total		-	-
	Breakers - Circuit-DP Total			-	-

Pin: 6440
Order: 800148389

Project: TRTP
Segment 9
800148389 - 800157254 Windhub - Construct 500kV switchyard

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Building, Shop & Industrial Products/Eqp	(150,020)	(150,020)
		Material - Direct Purchase Total		(150,020)	(150,020)
	Building, Shop & Industrial Products/Eqp Total			(150,020)	(150,020)
	Cabinets, Panels and Switchboards-DP	Material - Direct Purchase	Cabinets, Panels and Switchboards-DP	14,558	14,558
		Material - Direct Purchase Total		14,558	14,558
	Cabinets, Panels and Switchboards-DP Total			14,558	14,558
	Capacitors and Regulators-DP	Material - Direct Purchase	GE GRID SOLUTIONS LLC	-	-
		Material - Direct Purchase Total		-	-
	Capacitors and Regulators-DP Total			-	-
	Electric Wiring and Components-DP	Material - Direct Purchase	Electric Wiring and Components-DP	(1,929,686)	(1,929,686)
		Material - Direct Purchase Total		(1,929,686)	(1,929,686)
	Electric Wiring and Components-DP Total			(1,929,686)	(1,929,686)
	Fuels, Chemicals & Petrochem-DP	Material - Direct Purchase	Fuels, Chemicals & Petrochem-DP	(24)	(24)
		Material - Direct Purchase Total		(24)	(24)
	Fuels, Chemicals & Petrochem-DP Total			(24)	(24)
	Insulators & Bushings-DP	Material - Direct Purchase	Insulators & Bushings-DP	(81,964)	(81,964)
		Material - Direct Purchase Total		(81,964)	(81,964)
	Insulators & Bushings-DP Total			(81,964)	(81,964)
	Line Switches & Switchgear-DP	Material - Direct Purchase	Line Switches & Switchgear-DP	(62,278)	(62,278)
		Material - Direct Purchase Total		(62,278)	(62,278)
	Line Switches & Switchgear-DP Total			(62,278)	(62,278)
	Material - Inventory	Material	Building, Shop & Industrial Products/Eqp	(46,324)	(46,324)
			Communication Systems and Equipment -IN	(1,794)	(1,794)
			Electric Wiring and Components-IN	(264,802)	(264,802)
			Insulators & Bushings-IN	(741,944)	(741,944)
			Metals & Fabricated Metal Products-IN	(23,446)	(23,446)
			Pipe/Tubing, Fittings and Gaskets-IN	(34,735)	(34,735)
			Pole Line Hdwe & Connectors-IN	(181,777)	(181,777)
			Protection and Test-IN	(368,302)	(368,302)
			Transformers CT/PT/INSTR-IN	(7,351)	(7,351)
			Wire, Cable & Bus Bar-IN	(165,939)	(165,939)
		Material Total		(1,836,413)	(1,836,413)
	Material - Inventory Total			(1,836,413)	(1,836,413)
	Material - Other	Material	Material Direct Purchase Ord to Ord	(25,872)	(25,872)
			Material Sales Tax Expense	-	-
			Special Transport	(124,469)	(124,469)
		Material Total		(150,340)	(150,340)
	Material - Other Total			(150,340)	(150,340)
	Metals & Fabricated Metal Products-DP	Material - Direct Purchase	CROWN TECHNICAL SYSTEMS	(38,017)	(38,017)
		Material - Direct Purchase Total		(38,017)	(38,017)
	Metals & Fabricated Metal Products-DP Total			(38,017)	(38,017)
	Office & Office Support Products-DP	Material - Direct Purchase	Material Entries <\$5,000	(9,372)	(9,372)
		Material - Direct Purchase Total		(9,372)	(9,372)
	Office & Office Support Products-DP Total			(9,372)	(9,372)
	Pipe/Tubing, Fittings and Gaskets-DP	Material - Direct Purchase	Pipe/Tubing, Fittings and Gaskets-DP	(8,781)	(8,781)
		Material - Direct Purchase Total		(8,781)	(8,781)

Pin: 6440
Order: 800148389

Project: TRTP
Segment 9
800148389 - 800157254 Windhub - Construct 500kV switchyard

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
Pipe/Tubing, Fittings and Gaskets-DP Total				(8,781)	(8,781)
Pole Line Hdwe & Connectors-DP		Material - Direct Purchase	Material Entries <\$5,000	(483,043)	(483,043)
		Material - Direct Purchase Total		(483,043)	(483,043)
Pole Line Hdwe & Connectors-DP Total				(483,043)	(483,043)
Power Systems, Batteries and Light-DP		Material - Direct Purchase	Material Entries <\$5,000	(655,680)	(655,680)
		Material - Direct Purchase Total		(655,680)	(655,680)
Power Systems, Batteries and Light-DP Total				(655,680)	(655,680)
Protection and Test-DP		Material - Direct Purchase	Protection and Test-DP	(106,999)	(106,999)
		Material - Direct Purchase Total		(106,999)	(106,999)
Protection and Test-DP Total				(106,999)	(106,999)
Reactors and Line Traps-DP		Material - Direct Purchase	TRENCH LTD	-	-
		Material - Direct Purchase Total		-	-
Reactors and Line Traps-DP Total				-	-
Steel / Fabricated / Structural-DP		Material - Direct Purchase	Steel / Fabricated / Structural-DP	(4,875,550)	(4,875,550)
		Material - Direct Purchase Total		(4,875,550)	(4,875,550)
Steel / Fabricated / Structural-DP Total				(4,875,550)	(4,875,550)
Transformers - Power Substation-DP		Material - Direct Purchase	ABB INC	-	-
		Material - Direct Purchase Total		-	-
Transformers - Power Substation-DP Total				-	-
Transportation & Mobile Equip-DP		Material - Direct Purchase	Transportation & Mobile Equip-DP	(161,596)	(161,596)
		Material - Direct Purchase Total		(161,596)	(161,596)
Transportation & Mobile Equip-DP Total				(161,596)	(161,596)
Wire, Cable & Bus Bar-DP		Material - Direct Purchase	Wire, Cable & Bus Bar-DP	(1,709,854)	(1,709,854)
		Material - Direct Purchase Total		(1,709,854)	(1,709,854)
Wire, Cable & Bus Bar-DP Total				(1,709,854)	(1,709,854)
2. Material Total				(12,245,058)	(12,245,058)
3. Construction					
Construction Management Services		Contract	Contract Entries <\$50,000	(588,384)	(588,384)
		Contract Total		(588,384)	(588,384)
Construction Management Services Total				(588,384)	(588,384)
ELEC SYS PLANNING		Labor	Labor Entries <\$5,000	(23,995)	(23,995)
		Labor Total		(23,995)	(23,995)
ELEC SYS PLANNING Total				(23,995)	(23,995)
Electrical Services		Contract	Contract Entries <\$50,000	(968,877)	(968,877)
		MITSUBISHI ELECTRIC POWER PROD INC		968,877	968,877
		Contract Total		-	-
Electrical Services Total				-	-
GRID OPS		Labor	Labor Entries <\$5,000	(814)	(814)
		Labor Total		(814)	(814)
GRID OPS Total				(814)	(814)
Hauling / Industrial Moving Services		Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
Hauling / Industrial Moving Services Total				-	-
Major Construction, Turnkey, Trans/Subs		Contract	Contract Entries <\$50,000	(14,558)	(14,558)
		Contract Total		(14,558)	(14,558)
Major Construction, Turnkey, Trans/Subs Total				(14,558)	(14,558)
SC&M		Labor	Labor Entries <\$5,000	(2,128)	(2,128)

Pin: 6440
Order: 800148389

Project: TRTP
Segment 9
800148389 - 800157254 Windhub - Construct 500kV switchyard

SubCategory	Prime	Group	Detail	Month	
				12	Grand Total
SC&M Total		Labor Total		(2,128)	(2,128)
Short Term Equipment Rent		Contract	Contract Entries <\$50,000	(2,128)	(2,128)
		Contract Total		(339)	(339)
Short Term Equipment Rent Total				(339)	(339)
TRANSMISSION		Labor	Labor Entries <\$5,000	(2,085)	(2,085)
		Labor Total		(2,085)	(2,085)
TRANSMISSION Total				(2,085)	(2,085)
TSD-HERC - Crane SvS		Labor	Labor Entries <\$5,000	(137)	(137)
		Labor Total		(137)	(137)
TSD-HERC - Crane SvS Total				(137)	(137)
3. Construction Total				(632,439)	(632,439)
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	(515,697)	(515,697)
		Chargeback Total		(515,697)	(515,697)
	Chargebacks Total			(515,697)	(515,697)
	Labor - Other	Labor	Division Overhead	1,461,433	1,461,433
			Labor Entries <\$5,000	(10,533)	(10,533)
			Paid Absence	7,666	7,666
		Labor Total		1,458,566	1,458,566
	Labor - Other Total			1,458,566	1,458,566
4. Allocated Total				942,869	942,869
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax	-	-
			Capitalized Overhead - A&G	(21,537)	(21,537)
			Capitalized Overhead - Inj & Damages	(456,018)	(456,018)
			Capitalized Overhead - IT IMM	-	-
			Capitalized Overhead - P&B/Payroll Tax	(98,923)	(98,923)
		Non Budgeted Total		(576,478)	(576,478)
	Non Budget - Other Total			(576,478)	(576,478)
5. Corporate Overhead Total				(576,478)	(576,478)
				(12,558,410)	(12,558,410)
				(12,558,410)	(12,558,410)
				(12,558,410)	(12,558,410)

Pin: 5243
Project: TRTP
Order: 800217316 - New Vincent-Duarte 500kV T/L

Segment 6

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
1. Project Support	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	2,015	627	2,200	831	1,252	1,170	129	1,051	9,275					9,275
		Labor Total		2,015	627	2,200	831	1,252	1,170	129	1,051	9,275					9,275
	ELEC SYS PLANNING Total			2,015	627	2,200	831	1,252	1,170	129	1,051	9,275					9,275
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000														
		Contract Total															
	Engineering/Technical Professional Servi Total																
	Labor - Other	Labor	Labor Entries <\$5,000	(4,132)		35	384	(416)	130		38	(38)	1,999				(1,233)
		Labor Total		(4,132)		35	384	(416)	130	(134)	38	(38)	1,999				(1,233)
	Labor - Other Total					35	384	(416)	130	(134)	38	(38)	1,999				(1,233)
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000														
		Labor Total															
	MAJOR PROJECT ORG Total																
	Other	Other	Other														
		Other Total															
1. Project Support Total				(4,132)		2,015	2,386	2,799	3,337	(477)	3,195	9,533	226	2,536	4,404	25,823	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000														
		Contract Total															
	Construction Management Services Total																
	Electrical Construction, Transmission Li	Contract	HENKELS & MC COY INC														
		Contract Total															
3. Construction Total																	172,050
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	870	4,781	1,233	1,123	3,043	2,666	6,774	1,699	1,751	3,741	262	29,137		
			TRTP 6 New Vincent Duarte 500 kV	5,382	9,169	20,697	28,156	24,424	318,060	20,168	9,483	20,807	18,208	209,573	19,935	704,063	
	Chargebacks Total			6,252	13,949	21,930	29,279	27,468	320,727	26,942	11,183	22,558	19,402	213,314	20,197	733,200	
	Labor - Other	Labor	Division Overhead														
		Labor Total	Labor Entries <\$5,000														
	Labor - Other Total			953	638	1,150	204	1,618	1,431	1,728	108	5,181	247	13,258		6,949	
4. Allocated Total				953	638	1,150	204	1,618	1,431	1,728	108	5,181	247	13,258			
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	130	753	1,033	2,024	1,142	11,094	1,572	629	1,224	654	14,131	628	36,014	
			Capitalized Overhead - Inj & Damages	(19)	10	12	23	6	202	2	9	41	7	5	349		
		Non Budgeted Total	Capitalized Overhead - IT IMM	6	24	51	49	51	399	89	37	21	25	561	31	1,343	
	Non Budget - Other Total		Capitalized Overhead - P&B/Payroll Tax	484	1,108	2,122	1,737	3,835	2,786	1,094	1,882	1,049	725	733	705	18,259	
5. Corporate Overhead Total			604	1,895	3,217	3,833	5,035	15,381	2,758	2,557	2,435	1,410	15,471	1,368	55,964		
			604	1,895	3,217	3,833	5,035	15,381	2,758	2,557	2,435	1,410	15,471	1,368	55,964		
			604	1,895	3,217	3,833	5,035	15,381	2,758	2,557	2,435	1,410	15,471	1,368	55,964		
			2,724	15,844	28,115	36,135	36,451	339,649	37,771	21,408	37,268	21,147	404,517	26,216	1,007,244		
			2,724	15,844	28,115	36,135	36,451	339,649	37,771	21,408	37,268	21,147	404,517	26,216	1,007,244		
			2,724	15,844	28,115	36,135	36,451	339,649	37,771	21,408	37,268	21,147	404,517	26,216	1,007,244		

Pin: 6442
 Order: 800217339

Project: TRTP
 800217339 - Mesa-Vincent #1 500kV T/L

Segment 11

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
1. Project Support	Labor - Other	Labor	Labor Entries <\$5,000	(4,132)												1,884	(2,248)
		Labor Total		(4,132)												1,884	(2,248)
	Labor - Other Total			(4,132)												1,884	(2,248)
	Other	Other		87		1,268	(423)	(856)	3,042	(3,042)						76	
		Other		87		1,268	(423)	(856)	3,042	(3,042)						76	
	Other Total			87		1,268	(423)	(856)	3,042	(3,042)						76	
1. Project Support Total				(4,044)		1,268	(423)	(856)	3,042	(3,042)						1,884	(2,171)
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	813	9,931	1,365	5,268	8,320	2,804	1,346	6,416	6,053	1,991	2,069	839	47,215	
			TRTP 11 Mesa Vincent #1 500kV			175,611	18,801	14,834	313,261	20,168		10,959	12,288	203,854	14,589	784,766	
	Chargebacks Total			813	9,931	176,977	24,070	23,153	316,065	21,515	6,416	17,012	14,278	205,923	15,828	831,981	
	Labor - Other	Labor	Labor Entries <\$5,000		813	9,931	176,977	24,070	23,153	316,065	21,515	6,416	17,012	14,278	205,923	15,828	831,981
		Labor Total			17											16	
	Labor - Other Total				17											16	
4. Allocated Total				820	9,931	176,977	24,070	23,152	316,065	21,515	6,416	17,012	14,278	205,923	15,828	831,996	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	(196)	536	7,340	1,508	841	11,795	917	214	628	473	7,479	447	31,985	
			Capitalized Overhead - Inj & Damages	24	6	146	10	3	199	0	4	18	3	42	3	458	
			Capitalized Overhead - IT IMM	(9)	17	361	37	37	392	52	13	10	18	297	22	1,246	
		Non Budgeted Total	Capitalized Overhead - P&B/Payroll Tax	452	1,108	761	853	1,805	2,259	518	1,018	1,058	578	691	27	11,128	
	Non Budget - Other Total			270	1,667	8,607	2,408	2,687	14,645	1,488	1,249	1,714	1,072	8,509	500	44,816	
5. Corporate Overhead Total				270	1,667	8,607	2,408	2,687	14,645	1,488	1,249	1,714	1,072	8,509	500	44,816	
				(2,944)	11,597	186,852	26,056	24,983	333,752	19,961	7,664	18,726	15,350	214,432	18,212	874,641	
				(2,944)	11,597	186,852	26,056	24,983	333,752	19,961	7,664	18,726	15,350	214,432	18,212	874,641	
				(2,944)	11,597	186,852	26,056	24,983	333,752	19,961	7,664	18,726	15,350	214,432	18,212	874,641	

Pin: 5243

Order: 800217381

Project: TRTP

Segment 11
800217381 - Connect to Vincent & Eagle Rock to Gould

SubCategory	Prime	Group	Detail	Month	
				02	Grand Total
1. Project Support					
	DCM	Labor	DCM / Techn Spl/Scientist	8,517	8,517
			Labor Entries <\$5,000	89	89
		Labor Total		8,605	8,605
	DCM Total			8,605	8,605
	ELEC SYS PLANNING	Labor	ELEC SYS PLANNING / Engineer	63,992	63,992
			Labor Entries <\$5,000	5,660	5,660
		Labor Total		69,652	69,652
	ELEC SYS PLANNING Total			69,652	69,652
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Engineering/Technical Professional Servi Total			-	-
	Labor - Other	Labor	Labor Entries <\$5,000	0	0
		Labor Total		0	0
	Labor - Other Total			0	0
	Other	Other	Other	656	656
			SODEXO MAGIC FOOD SERVICE	72	72
		Other Total		728	728
	Other Total			728	728
	Temporary/Supplementary - Technical/Prof	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Temporary/Supplementary - Technical/Prof Total			-	-
	Temporary/Supplementary - Trade/Labor	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Temporary/Supplementary - Trade/Labor Total			-	-
	TRANSMISSION	Labor	Labor Entries <\$5,000	4,491	4,491
		Labor Total		4,491	4,491
	TRANSMISSION Total			4,491	4,491
1. Project Support Total				83,477	83,477
2. Material					
	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Building, Shop & Industrial Products/Eqp	189	189
		Material - Direct Purchase Total		189	189
	Building, Shop & Industrial Products/Eqp Total			189	189
	Material - Other	Material	Material Sales Tax Expense	17	17
		Material Total		17	17
	Material - Other Total			17	17
2. Material Total				205	205
3. Construction					
	Construction Management Services	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Construction Management Services Total			-	-
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	124	124
		Labor Total		124	124

Pin: 5243

Order: 800217381

Project: TRTP

Segment 11
800217381 - Connect to Vincent & Eagle Rock to Gould

SubCategory	Prime	Group	Detail	Month	
				02	Grand Total
ELEC SYS PLANNING Total				124	124
Electrical Construction, Transmission Li		Contract	Contract Entries <\$50,000	(876,096)	(876,096)
			Electrical Construction, Transmission Li	876,096	876,096
		Contract Total		-	-
Electrical Construction, Transmission Li Total				-	-
GRID OPS		Labor	Labor Entries <\$5,000	3,886	3,886
		Labor Total		3,886	3,886
GRID OPS Total				3,886	3,886
Major Construction, Turnkey, Trans/Subs		Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
Major Construction, Turnkey, Trans/Subs Total				-	-
SC&M		Labor	Labor Entries <\$5,000	198	198
		Labor Total		198	198
SC&M Total				198	198
TRANSMISSION		Labor	Labor Entries <\$5,000	4,104	4,104
		Labor Total		4,104	4,104
TRANSMISSION Total				4,104	4,104
3. Construction Total				8,312	8,312
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	(6,778)	(6,778)
			SC JS I: TRTP 11-4: EAGLE ROCK-PARDEE 23	118,464	118,464
		Chargeback Total		111,686	111,686
	Chargebacks Total			111,686	111,686
	Labor - Other	Labor	Division Overhead	8,676	8,676
			Labor Entries <\$5,000	(643,021)	(643,021)
			Paid Absence	17,955	17,955
		Labor Total		(616,390)	(616,390)
	Labor - Other Total			(616,390)	(616,390)
4. Allocated Total				(504,704)	(504,704)
				(412,709)	(412,709)
				(412,709)	(412,709)
				(412,709)	(412,709)

Pin: 6442
Order: 800217381

Project: TRTP Segment 11
800217381 - Connect to Vincent & Eagle Rock to Gould

SubCategory	Prime	Group	Detail	Month	
				02	Grand Total
1. Project Support	DCM	Labor	Labor Entries <\$5,000	(8,605)	(8,605)
		Labor Total		(8,605)	(8,605)
	DCM Total			(8,605)	(8,605)
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	(69,652)	(69,652)
		Labor Total		(69,652)	(69,652)
	ELEC SYS PLANNING Total			(69,652)	(69,652)
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	(1,480,145)	(1,480,145)
			SC JS I: TRTP 11-4: EAGLE ROCK-PARDEE 23	1,480,145	1,480,145
		Contract Total		-	-
	Engineering/Technical Professional Servi Total			-	-
	Labor - Other	Labor	Labor Entries <\$5,000	(0)	(0)
		Labor Total		(0)	(0)
	Labor - Other Total			(0)	(0)
	Other	Other	Other	(656)	(656)
			SODEXO MAGIC FOOD SERVICE	(72)	(72)
		Other Total		(728)	(728)
	Other Total			(728)	(728)
	Temporary/Supplementary - Technical/Prof	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Temporary/Supplementary - Technical/Prof Total			-	-
	Temporary/Supplementary - Trade/Labor	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Temporary/Supplementary - Trade/Labor Total			-	-
	TRANSMISSION	Labor	Labor Entries <\$5,000	(4,491)	(4,491)
		Labor Total		(4,491)	(4,491)
	TRANSMISSION Total			(4,491)	(4,491)
1. Project Support Total				(83,477)	(83,477)
2. Material	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Building, Shop & Industrial Products/Eqp	(189)	(189)
		Material - Direct Purchase Total		(189)	(189)
	Building, Shop & Industrial Products/Eqp Total			(189)	(189)
	Labor - Other	Labor	Labor Entries <\$5,000	(5)	(5)
		Labor Total		(5)	(5)
	Labor - Other Total			(5)	(5)
	Material - Other	Material	Material Sales Tax Expense	(17)	(17)
			TDBU B-Items	(26)	(26)
		Material Total		(43)	(43)
	Material - Other Total			(43)	(43)
2. Material Total				(237)	(237)
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
	Construction Management Services Total			-	-
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	(124)	(124)
		Labor Total		(124)	(124)
	ELEC SYS PLANNING Total			(124)	(124)
	Electrical Construction, Transmission Li	Contract	Contract Entries <\$50,000	(876,096)	(876,096)

Pin: 6442
Order: 800217381

Project: TRTP Segment 11
800217381 - Connect to Vincent & Eagle Rock to Gould

SubCategory	Prime	Group	Detail	Month	
				02	Grand Total
			SC JS I: TRTP 11-4: EAGLE ROCK-PARDEE 23	876,096	876,096
		Contract Total		-	-
Electrical Construction, Transmission Li Total				-	-
GRID OPS		Labor	Labor Entries <\$5,000	(3,886)	(3,886)
		Labor Total		(3,886)	(3,886)
GRID OPS Total				(3,886)	(3,886)
Major Construction, Turnkey, Trans/Subs		Contract	Contract Entries <\$50,000	-	-
		Contract Total		-	-
Major Construction, Turnkey, Trans/Subs Total				-	-
SC&M		Labor	Labor Entries <\$5,000	(198)	(198)
		Labor Total		(198)	(198)
SC&M Total				(198)	(198)
TRANSMISSION		Labor	Labor Entries <\$5,000	(4,104)	(4,104)
		Labor Total		(4,104)	(4,104)
TRANSMISSION Total				(4,104)	(4,104)
3. Construction Total				(8,312)	(8,312)
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	(128,186)	(128,186)
			PROCUREMENT TDBU	16,500	16,500
		Chargeback Total		(111,686)	(111,686)
				(111,686)	(111,686)
Chargebacks Total				(111,686)	(111,686)
Labor - Other		Labor	Division Overhead	651,712	651,712
			Labor Entries <\$5,000	(35,322)	(35,322)
		Labor Total		616,390	616,390
				616,390	616,390
Labor - Other Total				504,704	504,704
4. Allocated Total					
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax	(111,200)	(111,200)
			Capitalized Overhead - A&G	60,058	60,058
			Capitalized Overhead - Inj & Damages	333	333
			Capitalized Overhead - IT IMM	23,966	23,966
			Capitalized Overhead - P&B/Payroll Tax	(133,972)	(133,972)
		Non Budgeted Total		(160,815)	(160,815)
				(160,815)	(160,815)
Non Budget - Other Total				(160,815)	(160,815)
5. Corporate Overhead Total				251,863	251,863
				251,863	251,863
				251,863	251,863

Pin: 6438
 Order: 800218130

Project: TRTP
 Segment 7
 800218130 - New Vincent-Rio Hondo #2 500kV T/L

SubCategory	Prime	Group	Detail	Month								Grand Total
				02	03	07	10	11	12			
1. Project Support	Other	Other	Other					816	(816)	-		
		Other Total	Other Total					816	(816)	-		
1. Project Support Total								816	(816)	-		
2. Material	Labor - Other	Labor	T&D Supply Expense					21,439		21,439		
		Labor Total						21,439		21,439		
	Labor - Other Total							21,439		21,439		
	Material - Other	Material	TDBU B-Items					133,443		133,443		
		Material Total						133,443		133,443		
	Material - Other Total							133,443		133,443		
	Steel Lattice Towers (T/S)-DP	Material - Direct Purchase	Steel Lattice Towers (T/S)-DP					239,625		239,625		
		Material - Direct Purchase Total						239,625		239,625		
	Steel Lattice Towers (T/S)-DP Total							239,625		239,625		
	Towers/Poles, Steel & Concrete-DP	Material - Direct Purchase	Towers/Poles, Steel & Concrete-DP					62,241		62,241		
		Material - Direct Purchase Total						62,241		62,241		
	Towers/Poles, Steel & Concrete-DP Total							62,241		62,241		
2. Material Total								456,748		456,748		
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	8	44	1	42	3,894		3,899		
		Chargeback Total		8	44	1	42	3,894		3,899		
		Labor	MATERIAL MANAGEM					18,079		18,079		
		Labor Total						18,079		18,079		
	Chargebacks Total			8	44	1	42	21,973		22,069		
	Labor - Other	Labor	Division Overhead					19,257		19,257		
			Labor Entries <\$5,000					3,148		3,148		
		Labor Total						22,406		22,406		
	Labor - Other Total							22,406		22,406		
4. Allocated Total				8	44	1	42	44,379		44,474		
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	0	2	0	1	18,202		18,205		
			Capitalized Overhead - Inj & Damages	0	0			109		109		
			Capitalized Overhead - IT IMM	0	0			723		723		
		Non Budgeted Total		0	2	0	1	19,034		19,038		
	Non Budget - Other Total			0	2	0	1	19,034		19,038		
5. Corporate Overhead Total				0	2	0	1	19,034		19,038		
				9	46	1	43	520,977	(816)	520,260		
				9	46	1	43	520,977	(816)	520,260		
				9	46	1	43	520,977	(816)	520,260		

Pin: 6438
 Order: 800218138

Project: TRTP
 800218138 - New DC Mesa-Duarte 500kV T/L

Segment 7

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
1. Project Support	DCM	Labor	Labor Entries <\$5,000						212							212	
		Labor Total							212							212	
	DCM Total															212	
ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	2,281	1,797	2,248	314	559	175	94	203						7,878	
	Labor Total		2,281	1,797	2,248	314	559	175	94	203						7,878	
ELEC SYS PLANNING Total				2,281	1,797	2,248	314	559	175	94	203					7,878	
Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	31,266	-	13,329	27,054	790		1,424	1,101						76,167	
	FIP-I:TRTP 7-3:ANTELOPE-MESA 230KV T/L				79,391											79,391	
	Contract Total		31,266	-	92,719	27,054	790		1,424	1,101						155,558	
Engineering/Technical Professional Servi Total			31,266	-	92,719	27,054	790		1,424	1,101						155,558	
Labor - Other	Labor	Labor Entries <\$5,000	1,186	161	(1,180)	109	565	(903)	287	(243)	2					(15)	
	Labor Total		1,186	161	(1,180)	109	565	(903)	287	(243)	2					(15)	
Labor - Other Total			1,186	161	(1,180)	109	565	(903)	287	(243)	2					(15)	
MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	5,127	5,440	7,720	5,272	2,923	1,581	2,409	2,945						33,476	
	Labor Total		5,127	5,440	7,720	5,272	2,923	1,581	2,409	2,945						33,476	
MAJOR PROJECT ORG Total			5,127	5,440	7,720	5,272	2,923	1,581	2,409	2,945						33,476	
Other	Other	Other	183,140	(512,264)	(138,368)	(5,390)	676	2,048	2,654	338	(1,690)	(6,124)	(1,014)	761		(475,234)	
	Other Total		183,140	(512,264)	(138,368)	(5,390)	676	2,048	2,654	338	(1,690)	(6,124)	(1,014)	761		(475,234)	
Other Total			183,140	(512,264)	(138,368)	(5,390)	676	2,048	2,654	338	(1,690)	(6,124)	(1,014)	761		(475,234)	
1. Project Support Total			223,000	(504,865)	(36,862)	27,359	5,513	3,113	6,868	4,343	(1,688)	(4,655)	(1,014)	761		(278,126)	
2. Material	Labor - Other	Labor	Labor Entries <\$5,000													(21,439)	
	Labor Total															(21,439)	
Labor - Other Total																(21,439)	
Material - Other	Material	TDBU B-Items														(133,443)	
	Material Total															(133,443)	
Material - Other Total																(133,443)	
Steel Lattice Towers (T/S)-DP	Material - Direct Purchase	Material Entries <\$5,000														(239,625)	
Steel Lattice Towers (T/S)-DP Total	Material - Direct Purchase Total	Material Entries <\$5,000														(239,625)	
Towers/Poles, Steel & Concrete-DP	Material - Direct Purchase	Material Entries <\$5,000														(62,241)	
Towers/Poles, Steel & Concrete-DP Total	Material - Direct Purchase Total	Material Entries <\$5,000														(62,241)	
2. Material Total																(456,748)	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	4,958	3,033	5,071	4,709	5,301	4,926	5,831	4,202	1,340	2,560	1,666		43,594	
	Contract Total			4,958	3,033	5,071	4,709	5,301	4,926	5,831	4,202	1,340	2,560	1,666		43,594	
Construction Management Services Total			4,958	3,033	5,071	4,709	5,301	4,926	5,831	4,202	1,340	2,560	1,666		43,594		
Electrical Construction, Transmission Li	Contract	FIP-I:TRTP 7-3:ANTELOPE-MESA 230KV T/L	750,391													750,391	
	Contract Total		750,391													750,391	
Electrical Construction, Transmission Li Total			750,391													750,391	
3. Construction Total			755,348	3,033	5,071	4,709	5,301	4,926	5,831	4,202	1,340	2,560	1,666		793,984		
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	1,019	11,073	6,793	5,780	1,005	712	4,167	4,161	4,117	4,406	251	120	43,605	
		Chargeback Total	TRTP 7 Antelope Mesa 230 KV Construction		1,019	11,073	6,793	5,780	6,209	5,766	4,167	4,161	4,117	4,406	251	7,631	17,889
	Labor	Labor	Labor Entries <\$5,000													(16,079)	61,494
	Labor Total															(18,079)	16,079
Chargebacks Total			1,019	11,073	6,793	5,780	6,209	5,766	4,167	4,161	4,117	4,406	17,828	7,751		43,415	
Labor - Other	Labor	Division Overhead	5,588	137,200	10,034												152,823
		Labor Entries <\$5,000	4,902	2,350	7,997	8,566	2,433	1,156	2,179	2,650	621	(451)	(22,216)	171		10,359	
	Labor Total		10,491	139,551	18,030	8,566	2,433	1,156	2,179	2,650	621	(451)	(22,216)	171		163,181	
Labor - Other Total			10,491	139,551	18,030	8,566	2,433	1,156	2,179	2,650	621	(451)	(22,216)	171		163,181	
4. Allocated Total			11,510	150,624	24,823	14,347	8,642	6,922	6,346	6,811	4,738	3,955	(40,044)	7,922		206,596	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	3,145	49,487	5,371	3,534	661	497	835	555	330	(10)	(17,951)	242		46,697
		Capitalized Overhead - Inj & Damages	(149)	161	30	45	5	5	3	6	15	(2)	(108)	2		14	
		Capitalized Overhead - IT IMM	147	1,555	264	86	29	17	48	33	5	(0)	(713)	12		1,481	
		Capitalized Overhead - P&B/Payroll Tax	6,332	12,117	6,910	7,642	3,795	1,819	1,164	2,423	2	195	34			42,431	
	Non Budgeted Total		9,475	63,320	12,575	11,307	4,490	2,337	2,049	3,017	352	183	(18,739)	256		90,622	
Non Budget - Other Total			9,475	63,320	12,575	11,307	4,490	2,337	2,049	3,017	352	183	(18,739)	256		90,622	
5. Corporate Overhead Total			9,475	63,320	12,575	11,307	4,490	2,337	2,049	3,017	352	183	(18,739)	256		90,622	
			243,985	464,427	3,569	58,083	23,354	17,672	20,189	20,003	7,604	823	(513,985)	10,605		356,329	
			243,985	464,427	3,569	58,083	23,354	17,672	20,189	20,003	7,604	823	(513,985)	10,605		356,329	

Pin: 6439
 Order: 800218645

Project: TRTP
 Segment 8
 800218645 - New 33 mile Vincent-Mira Loma 500kV T/L

SubCategory	Prime	Group	Detail	Month												Grand Total			
				01	02	03	04	05	06	07	08	09	10	11	12				
1. Project Support	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	971				462									1,433		
		Contract Total		971				462									1,433		
	Contract Consult/Contract Ord to Ord Total			971				462									1,433		
ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	98		265	1,857	1,545	137	632	1,355	1,309						7,198		
	Labor Total			98	265	1,857	1,545	137	632	1,355	1,309						7,198		
ELEC SYS PLANNING Total				98	265	1,857	1,545	137	632	1,355	1,309						7,198		
Engineering/Technical Professional Servi	Contract	BURNS & MC DONNELL INC	72,953	72,953	65,036												210,943		
		Contract Entries <\$50,000		(33,392)	31,100	7,972	1,844			3,322	10,100						20,946		
Engineering/Technical Professional Servi Total	Contract Total			72,953	39,561	96,136	7,972	1,844		3,322	10,100						231,889		
Engineering/Technical Professional Servi Total				72,953	39,561	96,136	7,972	1,844		3,322	10,100						231,889		
Labor - Other	Labor	Labor Entries <\$5,000	832	75	(750)	242	1,320	(1,766)	741	(658)	286	138	(491)	71	40				
	Labor Total			832	75	(750)	242	1,320	(1,766)	741	(658)	286	138	(491)	71	40			
Labor - Other Total				832	75	(750)	242	1,320	(1,766)	741	(658)	286	138	(491)	71	40			
MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	5,127	5,386	7,720	6,213	6,121	5,256	5,730	7,501	2,891	3,346	3,885	1,390	60,567				
	Labor Total			5,127	5,386	7,720	6,213	6,121	5,256	5,730	7,501	2,891	3,346	3,885	1,390	60,567			
MAJOR PROJECT ORG Total				5,127	5,386	7,720	6,213	6,121	5,256	5,730	7,501	2,891	3,346	3,885	1,390	60,567			
Other	Other	Other	3,325	1,966	-	(1,088)	2,826	687	(11)	320	(3,201)	(838)	(1,437)	1,140	3,689				
		Other Total		3,325	1,966	-	(1,088)	2,826	687	(11)	320	(3,201)	(838)	(1,437)	1,140	3,689			
Other Total				3,325	1,966	-	(1,088)	2,826	687	(11)	320	(3,201)	(838)	(1,437)	1,140	3,689			
1. Project Support Total				83,307	46,989	103,371	15,196	14,118	4,313	10,414	18,617	1,285	2,646	1,957	2,601	304,815			
2. Material	Material - Other	Material	Special Transport				821										821		
		Material Total					821									821			
2. Material Total							821									821			
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	3,640	13,566	5,817	6,310	6,237	7,757	9,736	10,484	10,201	5,684	8,058	8,215	95,703			
		Contract Total		3,640	13,566	5,817	6,310	6,237	7,757	9,736	10,484	10,201	5,684	8,058	8,215	95,703			
Construction Management Services Total				3,640	13,566	5,817	6,310	6,237	7,757	9,736	10,484	10,201	5,684	8,058	8,215	95,703			
Construction Services - Other	Contract	Contract Entries <\$50,000															15,300		
	Contract Total																15,300		
Construction Services - Other Total																	15,300		
Construction, Civil/Structural	Contract	Contract Entries <\$50,000	220														220		
	Contract Total			220													220		
Construction, Civil/Structural Total																	220		
Electrical Construction, Transmission Li	Contract	Contract Entries <\$50,000															15,320		
	Contract Total																15,320		
Electrical Construction, Transmission Li Total																	15,320		
Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000															9,140		
	Contract Total																9,140		
Major Construction, Turnkey, Trans/Subs Total																	9,140		
Short Term Equipment Rent	Contract	Contract Entries <\$50,000	19,395	19,395	13,429			6,760									64,116		
	Contract Total			19,395	19,395	13,429			6,760								64,116		
Short Term Equipment Rent Total																	64,116		
TRANSMISSION	Labor	Labor Entries <\$5,000						1,098									1,098		
	Labor Total							1,098									1,098		
TRANSMISSION Total																	1,098		
3. Construction Total				23,255	40,591	19,246	7,408	12,997	14,403	9,736	10,484	10,201	5,684	23,378	23,515	200,897			
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	4,833	9,048	8,190	10,253	6,670	6,019	5,412	5,224	4,398	5,680	4,916	997	71,640			
		Chargeback Total		4,833	9,048	8,190	10,253	6,670	15,202	5,412	12,437	10,510	5,680	4,916	8,628	101,779			
Chargebacks Total				4,833	9,048	8,190	10,253	6,670	15,202	5,412	12,437	10,510	5,680	4,916	8,628	101,779			
Labor - Other	Labor	Division Overhead	14,499	10,143	11,754												36,396		
		Labor Entries <\$5,000	7,560	6,936	8,364	7,238	5,781	3,456	5,103	7,661	3,913	1,981	3,109	2,552	63,654				
	Labor Total			22,059	17,080	20,118	7,238	5,781	3,456	5,103	7,661	3,913	1,981	3,109	2,552	100,050			
Labor - Other Total				22,059	17,080	20,118	7,238	5,781	3,456	5,103	7,661	3,913	1,981	3,109	2,552	100,050			
4. Allocated Total				26,892	26,128	28,308	17,491	12,451	18,658	10,515	20,098	14,423	7,661	8,025	11,180	201,830			
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	7,977	6,198	6,260	2,632	1,336	1,369	1,308	1,631	1,075	450	1,264	932	32,431			
			Capitalized Overhead - Inj & Damages	(386)	54	43	43	10	12	4	14	39	3	2	4	(158)			
			Capitalized Overhead - IT IMM	374	195	307	64	59	46	74	96	17	17	50	46	1,344			
		Capitalized Overhead - P&B/Payroll Tax	6,376	11,740	6,404	11,714	7,684	5,160	3,360	6,899	3,857	2,560	2,376	908	68,938				
	Non Budgeted Total			14,340	18,187	13,014	14,453	9,089	6,587	4,746	8,639	4,988	3,030	3,693	1,789	102,555			
Non Budget - Other Total				14,340	18,187	13,014	14,453	9,089	6,587	4,746	8,639	4,988	3,030	3,693	1,789	102,555			
5. Corporate Overhead Total				147,793	131,894	163,939	55,370	48,655	43,961	35,410	57,839	30,898	19,021	37,053	39,085	810,918			
				147,793	131,894	163,939	55,370	48,655	43,961	35,410	57,839	30,898	19,021	37,053	39,085	810,918			
				147,793	131,894	163,939	55,370	48,655	43,961	35,410	57,839	30,898	19,021	37,053	39,085	810,918			

Pin: 7553
 Order: 801025887

Project: TRTP
 801025887 - CHUG Acquire Easement

Segment 8A

SubCategory	Prime	Group	Detail	Month												Grand Total
				02	03	04	05	06	08	09	10	11	12			
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	(1,478)				727								4,786
			Law - ACQ: TRTP-Segment 8 (CHUG)		9,208	13,153			9,330	22,467		1,720	12,910			74,843
		Chargeback Total		(1,478)	9,208	13,153	727	9,330	22,467	1,720	12,910	3,817	7,776			79,629
4. Allocated Total				(1,478)	9,208	13,153	727	9,330	22,467	1,720	12,910	3,817	7,776			79,629
				(1,478)	9,208	13,153	727	9,330	22,467	1,720	12,910	3,817	7,776			79,629
				(1,478)	9,208	13,153	727	9,330	22,467	1,720	12,910	3,817	7,776			79,629
				(1,478)	9,208	13,153	727	9,330	22,467	1,720	12,910	3,817	7,776			79,629

Pin: 7553
Order: 801479004

Project: TRTP Segment 8A
801479004 - RS/ACQ/CHUG-TRTP-Segment 8/Condem

SubCategory	Prime	Group	Detail	Month						Grand Total
				01	02	03	04	06	12	
1. Project Support	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000					75		75
		Contract Total						75		75
	Contract Consult/Contract Ord to Ord Total							75		75
	HRealProp	Labor	Labor Entries <\$5,000	442	1,342	1,184				2,967
		Labor Total		442	1,342	1,184				2,967
	HRealProp Total			442	1,342	1,184				2,967
	Labor - Other	Labor	Labor Entries <\$5,000	84	95	(183)	4			0
		Labor Total		84	95	(183)	4			0
	Labor - Other Total			84	95	(183)	4			0
1. Project Support Total				525	1,437	1,001	4	75		3,042
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000					1		1
		Chargeback Total						1		1
	Chargebacks Total							1		1
	Labor - Other	Labor	Labor Entries <\$5,000	182	507	358	1	3		1,052
		Labor Total		182	507	358	1	3		1,052
	Labor - Other Total			182	507	358	1	3		1,052
4. Allocated Total				182	507	358	1	3		1,052
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax				441		771	1,212
		Non Budgeted Total					441		771	1,212
	Non Budget - Other Total						441		771	1,212
5. Corporate Overhead Total							441		771	1,212
				708	1,944	1,359	446	78	771	5,306
				708	1,944	1,359	446	78	771	5,306
				708	1,944	1,359	446	78	771	5,306

Pin: 7553
Order: 900610533

Project: TRTP Segment 8A
900610533 - Segment 8 licensing, ACR alternate routes

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	06	07	08	09	10	11	12	
1. Project Support	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	890	1,567	582	24	23	23	23	23	44	49	49	49	3,226
		Contract Total		890	1,567	582	24	23	23	23	23	44	49	49	49	3,226
	Contract Consult/Contract Ord to Ord Total			890	1,567	582	24	23	23	23	23	44	49	49	49	3,226
ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	98	3,660	7,478	2,205	1,103	1,674	625	2,500	2,500	1,875	938	316	24,974	
	Labor Total			98	3,660	7,478	2,205	1,103	1,674	625	2,500	2,500	1,875	938	316	24,974
ELEC SYS PLANNING Total				98	3,660	7,478	2,205	1,103	1,674	625	2,500	2,500	1,875	938	316	24,974
Engineering/Technical Professional Servi	Contract	BLACK & VEATCH CORP	Contract Entries <\$50,000			52,715							62,804			115,519
	Contract Total					24,789		20,000					62,804		17,578	1,187
Engineering/Technical Professional Servi Total						24,789	52,715	20,000					62,804	17,578	1,187	179,072
Labor - Other	Labor	Labor Entries <\$5,000	(15,347)	430	(997)	251	1,327	(1,804)	593	(473)	(27)	375	(375)	16,002	16,002	(45)
	Labor Total			(15,347)	430	(997)	251	1,327	(1,804)	593	(473)	(27)	375	(375)	16,002	16,002
Labor - Other Total				(15,347)	430	(997)	251	1,327	(1,804)	593	(473)	(27)	375	(375)	16,002	(45)
MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	4,174	3,928	6,105	4,901	5,758	3,162	4,875	5,944		59			38,907	
	Labor Total			4,174	3,928	6,105	4,901	5,758	3,162	4,875	5,944		59			38,907
MAJOR PROJECT ORG Total				4,174	3,928	6,105	4,901	5,758	3,162	4,875	5,944		59			38,907
Other	Other	Other	205	6,868	1,978	3,290	1,363	(33)	3,340	1,099	(1,003)	1,363	(1,426)	1,235	18,277	
	Other Total			205	6,868	1,978	3,290	1,363	(33)	3,340	1,099	(1,003)	1,363	(1,426)	1,235	18,277
Other Total				205	6,868	1,978	3,290	1,363	(33)	3,340	1,099	(1,003)	1,363	(1,426)	1,235	18,277
1. Project Support Total				(9,981)	16,453	39,353	63,944	29,575	3,023	9,457	9,093	64,274	21,235	(804)	18,790	264,412
2. Material	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Material Entries <\$5,000			6										6
	Building, Shop & Industrial Products/Eqp Total	Material - Direct Purchase Total				6										6
Labor - Other	Labor	Labor Entries <\$5,000	(0)	5		2										7
	Labor Total			(0)	5		2									7
Labor - Other Total				(0)	5		2									7
Material - Other	Material	Material Sales Tax Expense	2	4												6
	Material Total			2	4											6
Material - Other Total				2	4											6
Office & Office Support Products-DP	Material - Direct Purchase	Material Entries <\$5,000	25	45		26										96
	Material - Direct Purchase Total			25	45		26									96
Office & Office Support Products-DP Total				25	45		26									96
2. Material Total				27	60		28									115
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	7,910	2,868	4,239	3,502	4,033	3,477	3,984	5,276	2,861	4,165	2,596	44,910	
	Construction Management Services Total	Contract Total		7,910	2,868	4,239	3,502	4,033	3,477	3,984	5,276	2,861	4,165	2,596	44,910	
3. Construction Total				7,910	2,868	4,239	3,502	4,033	3,477	3,984	5,276	2,861	4,165	2,596	44,910	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	7,344	10,714	1,660	2,178	7,472	2,807	2,085	6,254	2,812	3,408	7,953	5,924	60,612
	Chargebacks Total	Chargeback Total	CHUG Remediation	7,344	10,714	1,660	2,178	7,472	2,807	2,085	6,254	2,812	3,408	7,953	5,924	60,612
	TRTP - CHUG Transmission Line (CEHS) - TD	Labor	Labor Entries <\$5,000	54,429	40,107	43,540	38,735	42,432	36,252	21,644		31,262	18,600		22,576	349,578
		Labor Total		61,773	57,702	54,688	76,977	57,628	52,154	23,729	6,254	12,698	42,539	26,554	28,500	501,197
	Chargebacks Total	Labor	Division Overhead	61,773	57,704	54,691	76,977	57,630	52,154	23,729	6,254	12,698	42,539	26,554	28,500	501,203
	Labor Total			61,773	57,704	54,691	76,977	57,630	52,154	23,729	6,254	12,698	42,539	26,554	28,500	501,203
	Labor - Other Total	Labor	Labor Entries <\$5,000	2,758	5,700	9,964	6,114	6,446	1,865	3,282	4,597	5,098	3,707	562	424	50,516
		Labor Total		2,758	5,700	9,964	13,922	6,446	1,865	3,282	4,597	11,378	3,707	562	424	64,603
	Labor - Other Total			2,758	5,700	9,964	13,922	6,446	1,865	3,282	4,597	11,378	3,707	562	424	64,603
4. Allocated Total				64,531	63,404	64,654	90,899	64,075	54,019	27,011	10,851	24,076	46,246	27,115	28,924	565,806
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	3,333	4,740	4,354	10,028	3,485	2,282	1,736	762	3,496	2,286	1,159	1,258	38,920
		Capitalized Overhead - Inj & Damages	24	27	21	64	8	5	4	10	51	4	1	6	227	
	Capitalized Overhead - IT IMM	156	149	214	244	154	76	99	45	55	86	46	61	1,384		
	Capitalized Overhead - P&B/Payroll Tax	5,966	17,645	9,729	9,959	9,119	5,853	3,200	8,506	3,633	2,741	1,941	1,236	79,528		
	Non Budgeted Total			9,480	22,561	14,318	20,295	12,767	8,216	5,038	9,323	7,235	5,117	3,147	2,562	120,059
5. Corporate Overhead Total				9,480	22,561	14,318	20,295	12,767	8,216	5,038	9,323	7,235	5,117	3,147	2,562	120,059
				64,031	110,355	121,253	179,376	109,947	69,292	44,983	33,251	100,861	75,459	33,623	52,871	995,301
				64,031	110,355	121,253	179,376	109,947	69,292	44,983	33,251	100,861	75,459	33,623	52,871	995,301
				64,031	110,355	121,253	179,376	109,947	69,292	44,983	33,251	100,861	75,459	33,623	52,871	995,301

Pin: 7553
 Order: 901094247

Project: TRTP
 Segment 8A
 901094247 - Mira Loma Substation - Install relays

SubCategory	Prime	Group	Detail	Month								Grand Total
				02	03	04	05	08	09			
1. Project Support	As-built updates	Material - Other	As-built updates			0	2	(0)		2		
		Material - Other Total				0	2	(0)		2		
	As-built updates Total					0	2	(0)		2		
	DCM	Labor	Labor Entries <\$5,000					824		824		
		Labor Total						824		824		
	DCM Total							824		824		
	Labor - Other	Labor	Labor Entries <\$5,000					32	(32)	-		
		Labor Total						32	(32)	-		
	Labor - Other Total							32	(32)	-		
1. Project Support Total						0	2	856	(33)	825		
3. Construction	SC&M	Labor	Labor Entries <\$5,000			170				170		
		Labor Total				170				170		
	SC&M Total					170				170		
	Short Term Equipment Rent	Contract	Contract Entries <\$50,000	1,574	212		2,951			4,737		
		Contract Total		1,574	212		2,951			4,737		
	Short Term Equipment Rent Total			1,574	212		2,951			4,737		
3. Construction Total				1,574	212	170	2,951			4,907		
4. Allocated	Labor - Other	Labor	Labor Entries <\$5,000	215	24	39	289	400	(18)	950		
		Labor Total		215	24	39	289	400	(18)	950		
	Labor - Other Total			215	24	39	289	400	(18)	950		
4. Allocated Total				215	24	39	289	400	(18)	950		
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	97	10	13	118	42	(2)	277		
			Capitalized Overhead - Inj & Damages	2	0	0	1	1	(0)	4		
			Capitalized Overhead - IT IMM	3	0	0	5	2	(0)	11		
			Capitalized Overhead - P&B/Payroll Tax			160		714	(28)	846		
	Non Budget - Other Total	Non Budgeted Total		101	10	173	124	759	(30)	1,139		
				101	10	173	124	759	(30)	1,139		
5. Corporate Overhead Total				101	10	173	124	759	(30)	1,139		
				1,890	247	383	3,366	2,016	(80)	7,821		
				1,890	247	383	3,366	2,016	(80)	7,821		
				1,890	247	383	3,366	2,016	(80)	7,821		

Ptn: 7553
 Order: 901109252

Project: TRTP
 901109252 - East Transition Station

Segment 8A

SubCategory	Prime	Group	Detail	Month												Grand Total							
				01	02	03	04	05	06	07	08	09	10	11	12								
1. Project Support	As-built updates	Material - Other	As-built updates	0	5			44	11	10	590	660											
		Material - Other Total		0	5			44	11	10	590	660											
	As-built updates Total			0	5			44	11	10	590	660											
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	4,593					69			3,904	8,566										
		Contract Total		4,593					69			3,904	8,566										
	Contract Consult/Contract Ord to Ord Total			4,593					69			3,904	8,566										
	DCM	Labor	Labor Entries <\$5,000						530	590	861	376	2,357										
		Labor Total							530	590	861	376	2,357										
	DCM Total								530	590	861	376	2,357										
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	140	214			814	615	1,931	1,471	2,104	7,757	12,493	27,538								
		Labor Total		140	214			814	615	1,931	1,471	2,104	7,757	12,493	27,538								
	ELEC SYS PLANNING Total			140	214			814	615	1,931	1,471	2,104	7,757	12,493	27,538								
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000					155	15,000	30,915	23,250		20,000	89,320									
		Contract Total						155	15,000	30,915	23,250		20,000	89,320									
	Engineering/Technical Professional Servi Total							155	15,000	30,915	23,250		20,000	89,320									
	Labor - Other	Labor	Labor Entries <\$5,000	955	(130)			0	146	3,754	451	2,500	(99)	5,662	13,240								
		Labor Total		955	(130)			0	146	3,754	451	2,500	(99)	5,662	13,240								
	Labor - Other Total			955	(130)			0	146	3,754	451	2,500	(99)	5,662	13,240								
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000						74	419	229	907	1,113	2,741									
		Labor Total							74	419	229	907	1,113	2,741									
	MAJOR PROJECT ORG Total								74	419	229	907	1,113	2,741									
	Other	Other	Other	(5,500)					3,042	(1,690)	(1,026)	(820)	568	(36)	50,261	44,799							
		Other Total		(5,500)					3,042	(1,690)	(1,026)	(820)	568	(36)	50,261	44,799							
	Other Total			(5,500)					3,042	(1,690)	(1,026)	(820)	568	(36)	50,261	44,799							
1. Project Support Total				(907)	1,095	84	0	5	4,011	14,071	35,649	25,415	6,002	9,401	94,398	189,222							
2. Material	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Material Entries <\$5,000										53	536	589								
		Material - Direct Purchase Total											53	536	589								
	Building, Shop & Industrial Products/Eqp Total												53	536	589								
	Electric Wiring and Components-DP	Material - Direct Purchase	Material Entries <\$5,000										165	2,376	363	2,905							
		Material - Direct Purchase Total											165	2,376	363	2,905							
	Electric Wiring and Components-DP Total												165	2,376	363	2,905							
	Fuels, Chemicals & Petrochem-DP	Material - Direct Purchase	Fuels, Chemicals & Petrochem-DP																				
		Material - Direct Purchase Total																					
	Fuels, Chemicals & Petrochem-DP Total																						
	Labor - Other	Labor	Labor Entries <\$5,000										20,169					152	1,189	2,546	20,169		
		Labor Total											20,169					152	1,189	2,546	20,169		
	Labor - Other Total																17,151	17,151	497	497			
	Material - Inventory	Material	Building, Shop & Industrial Products/Eqp										20,169						27	27			
			Metals & Fabricated Metal Products-IN																	11,083	11,083		
			Pipe/Tubing, Fittings and Gaskets-IN																		243,555		
			Pole Line Hdwe & Connectors-IN																		272,313		
			Transformers CT/PT/INSTR-DP										243,000									243,555	
	Material - Inventory Total																						
	Material - Other	Material	Material Sales Tax Expense										243,000										
			Special Transport										243,000										
			TDBU B-Items										18,833					150	1,298	1,034	21,314		
		Material Total												(56)				1	(4)	1	(59)		
	Material - Other Total													18,777				151	1,293	1,973	22,194		
	Metals & Fabricated Metal Products-DP	Material - Direct Purchase	Material Entries <\$5,000															151	1,293	1,973	22,194		
		Material - Direct Purchase Total																654	654	654	654		
	Metals & Fabricated Metal Products-DP Total																						
	Meters, Monitor and Warnings-DP	Material - Direct Purchase	Material Entries <\$5,000															1,717	646	646	2,364		
		Material - Direct Purchase Total																1,717	646	646	2,364		
	Meters, Monitor and Warnings-DP Total																						
	Pipe/Tubing, Fittings and Gaskets-DP	Material - Direct Purchase	Material Entries <\$5,000															1,717	646	646	2,364		
		Material - Direct Purchase Total																1,717	646	646	2,364		
	Pipe/Tubing, Fittings and Gaskets-DP Total																						
	Pole Line Hdwe & Connectors-DP	Material - Direct Purchase	Material Entries <\$5,000															681	681	681	681		
		Material - Direct Purchase Total																681	681	681	681		
	Pole Line Hdwe & Connectors-DP Total																						
	Power Systems, Batteries and Light-DP	Material - Direct Purchase	Material Entries <\$5,000															2,060	2,060	2,060	2,060		
		Material - Direct Purchase Total																2,060	2,060	2,060	2,060		
	Power Systems, Batteries and Light-DP Total																						
	Steel / Fabricated / Structural-DP	Material - Direct Purchase	Steel / Fabricated / Structural-DP															5,882	5,882	5,882	5,882		
		Material - Direct Purchase Total																5,882	5,882	5,882	5,882		
	Steel / Fabricated / Structural-DP Total																						
	Wire, Cable & Bus Bar-DP	Material - Direct Purchase	Material Entries <\$5,000															3,159	3,159	3,159	3,159		
		Material - Direct Purchase Total																3,159	3,159	3,159	3,159		
	Wire, Cable & Bus Bar-DP Total																						
2. Material Total													281,945				2,238	19,226	46,614	350,023			
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000										3,718	3,211	169			7,136	42,004	56,238			
		Contract Total											3,718	3,211	169			7,136	42,004	56,238			
	Construction Management Services Total																3,718	3,211	169	7,136			
	Construction, Civil/Structural	Contract	Contract Entries <\$50,000															1,872	1,872	1,872	1,872		
		Contract Total															3,718	3,211	169	7,136			
	Construction, Civil/Structural Total																						
	Decontamination & Waste Disposal Service	Contract	Contract Entries <\$50,000										355										
		Contract Total											355										
	Decontamination & Waste Disposal Service Total												355										
	GRID OPS	Labor	GRID OPS / Opr Substation															7,058	7,058	7,058	7,058		
			Labor Entries <\$5,000															752	752	752	752		

P#t: 7553
 Order: 901109252

Project: TRTP
 901109252 - East Transition Station
 Segment 8A

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
		Labor Total														7,810	
	GRID OPS Total															7,810	
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000													23,191	
		Contract Total	SEMPER ELECTRIC INC													369,579	
	Major Construction, Turnkey, Trans/Subs Total															392,771	
	SC&M	Labor	Labor Entries <\$5,000							263			309	1,611	12,304	14,487	
		Labor Total								263			309	1,611	12,304	14,487	
	SC&M Total															12,564	
	Security / Protection Services	Contract	Contract Entries <\$50,000						42,758	8,600						63,922	
		Contract Total							42,758	8,600						12,564	
	Security / Protection Services Total								42,758	8,600						63,922	
	Short Term Equipment Rent	Contract	Contract Entries <\$50,000													1,006	
		Contract Total														1,006	
	Short Term Equipment Rent Total															1,006	
	TRANSMISSION	Labor	Labor Entries <\$5,000										127		624	751	
		Labor Total											127		624	751	
	TRANSMISSION Total															751	
3. Construction Total																539,213	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	221		2		1,887	180	225	155	25	1,048	2,222	5,965		
		Chargeback Total	PROCUREMENT TDBU		221		2		1,887	180	225	155	25	1,048	8,497	12,241	
		Labor	Labor Entries <\$5,000						10,328				97	1,003	1,904	3,004	
		MATERIAL MANAGEM							10,328							10,328	
		Labor Total							12,215	180	225	155	122	2,051	10,401	25,573	
	Chargebacks Total								37,848								
	Labor - Other	Labor	Division Overhead						221	2							
			Labor Entries <\$5,000	30	88	72	50		253	4,526	6,320	4,984	2,023	6,640	(427)	24,560	
		Labor Total		30	88	72	50		38,102	4,526	6,320	4,984	2,023	6,640	47,101	109,936	
				30	88	72	50		38,102	4,526	6,320	4,984	2,023	6,640	47,101	109,936	
	Labor - Other Total								50,317	4,706	6,545	5,139	2,146	8,691	57,502	135,509	
4. Allocated Total																	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	296	64	6	26	0	14,031	1,409	1,554	1,146	349	1,702	15,638	36,222	
			Capitalized Overhead - Inj & Damages	(2)	1	0	0		216	1	8	23	5	9	41	303	
			Capitalized Overhead - IT IMM	14		2	0	1	0	467	80	92	18	13	68	764	1,518
			Capitalized Overhead - P&B/Payroll Tax	123	1,328	70			925	427	4,204	2,501	3,944	8,242	21,964	43,728	
		Non Budgeted Total		431	1,395	77	26	0	15,638	1,918	5,858	3,689	4,312	10,020	38,407	81,771	
	Non Budget - Other Total			431	1,395	77	26	0	15,638	1,918	5,858	3,689	4,312	10,020	38,407	81,771	
5. Corporate Overhead Total				431	1,395	77	26	0	15,638	1,918	5,858	3,689	4,312	10,020	38,407	81,771	
				(224)	2,578	233	434	5	394,669	33,276	51,263	34,538	15,006	56,708	707,252	1,295,738	
				(224)	2,578	233	434	5	394,669	33,276	51,263	34,538	15,006	56,708	707,252	1,295,738	
				(224)	2,578	233	434	5	394,669	33,276	51,263	34,538	15,006	56,708	707,252	1,295,738	

Pin: 7553
 Order: 901109253

Project: TRTP
 901109253 - West Transition Station

Segment 8A

SubCategory	Prime	Group	Detail	Month												Grand Total		
				01	03	04	05	06	07	08	09	10	11	12				
1. Project Support	As-built updates	Material - Other	As-built updates	0	6					4	122	9	271		412			
		Material - Other Total		0	6					4	122	9	271		412			
	As-built updates Total			0	6					4	122	9	271		412			
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000							4	122	9	271		9,285			
		Contract Total		0	6										9,285			
	Contract Consult/Contract Ord to Ord Total														9,285			
	DCM	Labor	Labor Entries <\$5,000							424	322	430			1,176			
		Labor Total								424	322	430			1,176			
	DCM Total									424	322	430			1,176			
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	71		175	648	374	940	669	2,164	5,952	4,017		15,010			
		Labor Total		71		175	648	374	940	669	2,164	5,952	4,017		15,010			
	ELEC SYS PLANNING Total			71		175	648	374	940	669	2,164	5,952	4,017		15,010			
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000							30,915					30,915			
		Contract Total		71		175	648	374	940	669	2,164	5,952	4,017		30,915			
	Engineering/Technical Professional Servi Total									30,915					30,915			
	Labor - Other	Labor	Labor Entries <\$5,000	3	(3)	43	(43)	160	(137)	(23)	620	(276)	8,875		9,219			
		Labor Total		3	(3)	43	(43)	160	(137)	(23)	620	(276)	8,875		9,219			
	Labor - Other Total			3	(3)	43	(43)	160	(137)	(23)	620	(276)	8,875		9,219			
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000							148	252	176	276		852			
		Labor Total								148	252	176	276		852			
	MAJOR PROJECT ORG Total														852			
	Other	Other	Other					2,028	(676)	(1,014)	(112)	11	6,630	(5,355)	1,513			
		Other Total						2,028	(676)	(1,014)	(112)	11	6,630	(5,355)	1,513			
	Other Total							2,028	(676)	(1,014)	(112)	11	6,630	(5,355)	1,513			
1. Project Support Total				74	(3)	224	2,634	(142)	30,851	1,215	3,414	13,021	17,093	68,382				
2. Material	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Material Entries <\$5,000							53	355			408				
		Material - Direct Purchase Total								53	355			408				
	Building, Shop & Industrial Products/Eqp Total									53	355			408				
	Electric Wiring and Components-DP	Material - Direct Purchase	Material Entries <\$5,000							165				471				
		Material - Direct Purchase Total								165				471				
	Electric Wiring and Components-DP Total									165				471				
	Fuels, Chemicals & Petrochem-DP	Material - Direct Purchase	Fuels, Chemicals & Petrochem-DP											12,973	12,973			
		Material - Direct Purchase Total												12,973	12,973			
	Fuels, Chemicals & Petrochem-DP Total													12,973	12,973			
	Labor - Other	Labor	Labor Entries <\$5,000							15				3,779				
		Labor Total	T&D Supply Expense							13,446	6,517			1,222	2,543			
	Labor - Other Total									13,446	6,517			1,222	2,543			
	Material - Inventory	Material	Building, Shop & Industrial Products/Eqp							13,446	6,517			1,222	2,543			
			Electric Wiring and Components-IN							13,446	6,517			1,222	2,543			
			Metals & Fabricated Metal Products-IN							13,446	6,517			1,222	2,543			
			Meters, Monitor and Warnings-IN							13,446	6,517			1,222	2,543			
			Pipe/Tubing, Fittings and Gaskets-IN							13,446	6,517			1,222	2,543			
			Pole Line Hdwe & Connectors-IN							13,446	6,517			1,222	2,543			
			Transformers CT/PT/INSTR-DP							13,446	6,517			1,222	2,543			
			Transformers CT/PT/INSTR-IN							13,446	6,517			1,222	2,543			
			Wire, Cable & Bus Bar-IN							13,446	6,517			1,222	2,543			
		Material Total								162,000				81,000				
	Material - Inventory Total									162,000				81,000	6,911	28,865	278,776	
	Material - Other	Material	Material Sales Tax Expense							12,555				81,000	6,911	28,865	278,776	
			Special Transport								13	6,432	1,333	3,258	23,591			
			TDBU B-Items							(37)				0	25	(4)	1,877	
		Material Total								12,518				13	6,457	1,329	5,136	25,453
	Material - Other Total									12,518				13	6,457	1,329	5,136	25,453
	Metals & Fabricated Metal Products-DP	Material - Direct Purchase	Material Entries <\$5,000											250				
		Material - Direct Purchase Total												250				
	Metals & Fabricated Metal Products-DP Total													250				
	Meters, Monitor and Warnings-DP	Material - Direct Purchase	Material Entries <\$5,000											1,717				
		Material - Direct Purchase Total												1,717				
	Meters, Monitor and Warnings-DP Total													1,717				
	Pole Line Hdwe & Connectors-DP	Material - Direct Purchase	Material Entries <\$5,000											1,717				
		Material - Direct Purchase Total												1,717				
	Pole Line Hdwe & Connectors-DP Total													1,717				
	Power Systems, Batteries and Light-DP	Material - Direct Purchase	Material Entries <\$5,000											2,060				
		Material - Direct Purchase Total												2,060				
	Power Systems, Batteries and Light-DP Total													2,060				
	Steel / Fabricated / Structural-DP	Material - Direct Purchase	Material Entries <\$5,000											1,555				
		Material - Direct Purchase Total												1,555				
	Steel / Fabricated / Structural-DP Total													1,555				
	Wire, Cable & Bus Bar-DP	Material - Direct Purchase	Material Entries <\$5,000											7,410				
		Material - Direct Purchase Total												7,410				
	Wire, Cable & Bus Bar-DP Total													7,410				
2. Material Total				187,963						193	95,971	19,754	49,717	353,599				
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000							2,366	2,028	338	275	12,509	17,516			
		Contract Total		0	6					2,366	2,028	338	275	12,509	17,516			
	Construction Management Services Total									2,366	2,028	338	275	12,509	17,516			
	GRID OPS	Labor	Labor Entries <\$5,000											121	2,710	2,832		
		Labor Total												121	2,710	2,832		

Pin: 7553
Order: 901109253

Project: TRTP
901109253 - West Transition Station

Segment 8A

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	03	04	05	06	07	08	09	10	11	12	Grand Total	
	GRID OPS Total												121	2,710	2,832	
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000 SEMPER ELECTRIC INC										1,171	1,171		
		Contract Total											101,492	101,492		
	Major Construction, Turnkey, Trans/Subs Total												102,663	102,663		
	SC&M	Labor	Labor Entries <\$5,000 SC&M / Sub Stn Elect		1,021			342					4,359	34,666	40,389	
		Labor Total			1,021			342					4,359	56,188	61,911	
	SC&M Total				1,021			342					4,359	56,188	61,911	
	Security / Protection Services	Contract	Contract Entries <\$50,000						47,778					47,778		
	Security / Protection Services Total	Contract Total							47,778					47,778		
	Short Term Equipment Rent	Contract	Contract Entries <\$50,000						47,778					7,827	7,827	
	Short Term Equipment Rent Total	Contract Total												7,827	7,827	
	TRANSMISSION	Labor	Labor Entries <\$5,000										127	127	3,881	5,343
		Labor Total											127	127	3,881	5,343
	TRANSMISSION Total												127	127	3,881	5,343
3. Construction Total					1,021				50,486	2,028	465	402	5,688	185,778	245,868	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	221				1,069	331	217	3	1,074	525	3,776	7,217	
		Chargeback Total		221				1,069	331	217	3	1,074	525	3,776	7,217	
		Labor	Labor Entries <\$5,000								9	4,171	1,030	1,901	7,111	
			MATERIAL MANAGEM												6,886	
		Labor Total						6,886								
	Chargebacks Total			221				6,886					9	4,171	1,030	1,901
	Labor - Other	Labor	Division Overhead					7,955	331	217	12	5,245	1,555	5,677	21,214	
			Labor Entries <\$5,000	33	235	89	3,581	7,844	5,676	873	5,613	6,204	2,704	32,850		
		Labor Total		33	235	89	21,652	7,844	5,676	873	11,155	6,204	20,430	74,190		
		Labor - Other Total		33	235	89	21,652	7,844	5,676	873	11,155	6,204	20,430	74,190		
4. Allocated Total				221	33	235	89	29,607	8,174	5,893	885	16,400	7,759	26,107	95,404	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	14	4	79	11	8,142	2,524	1,327	106	3,857	1,466	7,189	24,719	
			Capitalized Overhead - Inj & Damages	(2)	0	2	0	141	2	5	8	60	9	45	271	
			Capitalized Overhead - IT IMM	1	0	2	1	271	144	78	2	145	58	351	1,051	
			Capitalized Overhead - P&B/Payroll Tax	123	53	955	172	688	365	793	1,246	2,504	8,431	41,754	57,083	
	Non Budget - Other Total	Non Budgeted Total		136	57	1,038	184	9,242	3,035	2,203	1,362	6,565	9,964	49,339	83,124	
5. Corporate Overhead Total				136	57	1,038	184	9,242	3,035	2,203	1,362	6,565	9,964	49,339	83,124	
				357	164	2,292	497	229,446	61,553	40,975	4,119	122,752	56,187	328,034	846,376	
				357	164	2,292	497	229,446	61,553	40,975	4,119	122,752	56,187	328,034	846,376	
				357	164	2,292	497	229,446	61,553	40,975	4,119	122,752	56,187	328,034	846,376	

Pin: 6440
Order: 800218712Project: TRTP
800218712 - Mira Loma Sub - Equip 1 500kV LP

Segment 9

SubCategory	Prime	Group	Detail	Month					Grand Total
				03	05	06	12		
1. Project Support	As-built updates	Material - Other	As-built updates	0	(1)		518		517
		Material - Other Total		0	(1)		518		517
	As-built updates Total			0	(1)		518		517
	Cleaning / Janitorial Services	Contract	Contract Entries <\$50,000		(52)	4	49		(0)
		Contract Total			(52)	4	49		(0)
	Cleaning / Janitorial Services Total				(52)	4	49		(0)
	Con - Consults/Prof Svcs/Out Ord to Ord	Contract	Contract Entries <\$50,000		(526)	38	488		-
		Contract Total			(526)	38	488		-
	Con - Consults/Prof Svcs/Out Ord to Ord Total				(526)	38	488		-
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000		(509)	36	472		0
		Contract Total			(509)	36	472		0
	Contract Consult/Contract Ord to Ord Total				(509)	36	472		0
	DCM	Labor	Labor Entries <\$5,000		(262)	19	243		(0)
		Labor Total			(262)	19	243		(0)
	DCM Total				(262)	19	243		(0)
	ELEC SYS PLANNING	Labor	ELEC SYS PLANNING / Engineer	6,269			11,037		17,306
			Labor Entries <\$5,000	(8,761)	179		(8,724)		(17,306)
		Labor Total		(2,492)	179		2,313		-
	ELEC SYS PLANNING Total			(2,492)	179		2,313		-
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	(19,403)	1,390		18,012		0
		Contract Total		(19,403)	1,390		18,012		0
	Engineering/Technical Professional Servi Total			(19,403)	1,390		18,012		0
	Labor - Other	Labor	Labor Entries <\$5,000	(424)	30		393		(0)
		Labor Total		(424)	30		393		(0)
	Labor - Other Total			(424)	30		393		(0)
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	(32)	2		30		(0)
		Labor Total		(32)	2		30		(0)
	MAJOR PROJECT ORG Total			(32)	2		30		(0)
	Other	Other	Other	(913)	65		848		(0)
			SODEXO MAGIC FOOD SERVICE	(47)	3		43		(0)
		Other Total		(960)	69		891		(0)
	Other Total			(960)	69		891		(0)
	SC&M	Labor	Labor Entries <\$5,000	(7)	0		6		(0)
		Labor Total		(7)	0		6		(0)
	SC&M Total			(7)	0		6		(0)
	Temporary/Supplementary - Technical/Prof	Contract	Contract Entries <\$50,000	(353)	25		328		(0)
		Contract Total		(353)	25		328		(0)
	Temporary/Supplementary - Technical/Prof Total			(353)	25		328		(0)
	Temporary/Supplementary - Trade/Labor	Contract	Contract Entries <\$50,000	(970)	70		901		0
		Contract Total		(970)	70		901		0
	Temporary/Supplementary - Trade/Labor Total			(970)	70		901		0
	TRANSMISSION	Labor	Labor Entries <\$5,000	(5)	0		5		(0)
		Labor Total		(5)	0		5		(0)
	TRANSMISSION Total			(5)	0		5		(0)
1. Project Support Total				0	(25,995)	1,863	24,649		517
2. Material	Electric Wiring and Components-DP	Material - Direct Purchase	Electric Wiring and Components-DP	7,016					7,016
		Material - Direct Purchase Total		7,016					7,016
				7,016					7,016
	Labor - Other	Labor	Labor Entries <\$5,000		22		(2)		(20)
			T&D Supply Expense	9,896					9,896
		Labor Total		9,896	22		(2)		(20)
	Labor - Other Total			9,896	22		(2)		(20)
	Material - Inventory	Material	Communication Systems and Equipment -IN	84,105					84,105
			Wire, Cable & Bus Bar-IN	4,171					4,171
		Material Total		88,275					88,275
	Material - Inventory Total			88,275					88,275
	Material - Other	Material	Special Transport	(245)		18		228	0

Pin: 6440
Order: 800218712

Project: TRTP Segment
800218712 - Mira Loma Sub - Equip 1 500kV LP

SubCategory	Prime	Group	Detail	Month				
				03	05	06	12	Grand Total
			TDBU B-Items	106	(245)	18	228	106
		Material Total		106	(245)	18	228	106
	Material - Other Total			106,293	(223)	16	207	105,293
2. Material Total								
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	(8,601)	616	7,984	-	0
		Contract Total		(8,601)	616	7,984	-	0
	Construction Management Services Total			(8,601)	616	7,984	-	0
	Construction Services - Other	Contract	Contract Entries <\$50,000	(15)	1	14	(0)	(0)
		Contract Total		(15)	1	14	(0)	(0)
	Construction Services - Other Total			(15)	1	14	(0)	(0)
	Construction, Civil/Structural	Contract	Contract Entries <\$50,000	(17,680)	1,267	16,413	-	-
		Contract Total		(17,680)	1,267	16,413	-	-
	Construction, Civil/Structural Total			(17,680)	1,267	16,413	-	-
	Decontamination & Waste Disposal Service	Contract	Contract Entries <\$50,000	(430)	31	399	(0)	(0)
		Contract Total		(430)	31	399	(0)	(0)
	Decontamination & Waste Disposal Service Total			(430)	31	399	(0)	(0)
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	(257)	18	238	0	0
		Labor Total		(257)	18	238	0	0
	ELEC SYS PLANNING Total			(257)	18	238	0	0
	Electrical Services	Contract	Contract Entries <\$50,000	(2,456)	176	2,280	(0)	(0)
		Contract Total		(2,456)	176	2,280	(0)	(0)
	Electrical Services Total			(2,456)	176	2,280	(0)	(0)
	GRID OPS	Labor	Labor Entries <\$5,000	(362)	26	336	0	0
		Labor Total		(362)	26	336	0	0
	GRID OPS Total			(362)	26	336	0	0
	Hauling / Industrial Moving Services	Contract	Contract Entries <\$50,000	(26)	2	24	(0)	(0)
		Contract Total		(26)	2	24	(0)	(0)
	Hauling / Industrial Moving Services Total			(26)	2	24	(0)	(0)
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000	(13,098)	939	(56,971)	(69,130)	(69,130)
		Major Construction, Turnkey, Trans/Subs		(13,098)	939	69,130	69,130	69,130
	Major Construction, Turnkey, Trans/Subs Total	Contract Total		(13,098)	939	12,159	-	-
	SC&M	Labor	Labor Entries <\$5,000	(37,436)	(4,290)	(39,008)	(80,734)	(80,734)
		SC&M / Sub Stn Elect		7,276		12,811	20,087	
		SC&M / Technician Test		20,154	5,007	35,486	60,647	
	SC&M Total	Labor Total		(10,006)	717	9,289	0	0
	Security / Protection Services	Contract	Contract Entries <\$50,000	(565)	40	524	(0)	(0)
		Contract Total		(565)	40	524	(0)	(0)
	Security / Protection Services Total			(565)	40	524	(0)	(0)
	Short Term Equipment Rent	Contract	Contract Entries <\$50,000	(1,657)	119	1,538	(0)	(0)
		Contract Total		(1,657)	119	1,538	(0)	(0)
	Short Term Equipment Rent Total			(1,657)	119	1,538	(0)	(0)
	TRANSMISSION	Labor	Labor Entries <\$5,000	(315)	23	293	(0)	(0)
		Labor Total		(315)	23	293	(0)	(0)
	TRANSMISSION Total			(315)	23	293	(0)	(0)
	TSD-HERC - Crane Sv	Labor	Labor Entries <\$5,000	(10)	1	9	0	0
		Labor Total		(10)	1	9	0	0
	TSD-HERC - Crane Sv Total			(10)	1	9	0	0
3. Construction Total				(55,477)	3,976	51,501	0	0
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	46	(2,385)	171	2,214	46
		Chargeback Total		46	(2,385)	171	2,214	46
		Labor	Labor Entries <\$5,000	32	(2)	(29)	(0)	(0)
		Labor Total	MATERIAL MANAGEM	5,728				5,728
				5,728	32	(2)	(29)	5,728
	Chargebacks Total			5,774	(2,354)	169	2,185	5,774
	Labor - Other	Labor	Division Overhead	6,178	16,406	36,471	59,055	

Pin: 6440
Project: TRTP
Order: 800218712
800218712 - Mira Loma Sub - Equip 1 500kV LP
Segment 9

SubCategory	Prime	Group	Detail	Month				
				03	05	06	12	Grand Total
Labor - Other Total			Labor Entries <\$5,000	4,656	(33,911)	806	(37,039)	(65,487)
			Paid Absence		6,254		11,012	17,266
			Labor Total	10,834	(11,250)	806	10,444	10,834
				10,834	(11,250)	806	10,444	10,834
4. Allocated Total				16,608	(13,604)	975	12,629	16,608
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	5,056	(8,120)	589	6,490	4,016
			Capitalized Overhead - Inj & Damages	107	51	(3)	(50)	105
			Capitalized Overhead - IT IMM	248	(165)	9	119	211
			Capitalized Overhead - P&B/Payroll Tax		(16,599)	1,542	13,963	(1,094)
			Non Budgeted Total	5,411	(24,834)	2,137	20,522	3,237
5. Corporate Overhead Total				5,411	(24,834)	2,137	20,522	3,237
				5,411	(24,834)	2,137	20,522	3,237
				127,312	(120,132)	8,966	109,509	125,654
				127,312	(120,132)	8,966	109,509	125,654

2018 YTD		
Project	Work Order	Work Order Description
		Total
Colorado River	900603420	Devers Sub - Install SPS
Grand Total		(39,607)

Pin: 7061 Project: Colorado River
Order: 900603420 - Devers Sub - Install SPS

SubCategory	Prime	Group	Detail	Month									
				01	02	03	04	05	06	09	10	Grand Total	
1. Project Support	As-built updates	Material - Other	As-built updates				(2)	1		(1)	0	(1)	
		Material - Other Total					(2)	1		(1)	0	(1)	
	As-built updates Total	Labor	Labor Entries <\$5,000	120								120	
	ELEC SYS PLANNING	Labor Total		120								120	
	ELEC SYS PLANNING Total	Contract	Contract Entries <\$50,000							4,334		4,334	
	Engineering/Technical Professional Servi	Contract Total								4,334		4,334	
	Engineering/Technical Professional Servi Total	Labor	Labor Entries <\$5,000	31	(31)							4,334	
	Labor - Other	Labor Total		31	(31)							-	
	Labor - Other Total	Other	Other			31	(31)					-	
	Other	Other Total						684	(684)			-	
	Other Total							684	(684)			-	
1. Project Support Total				152	(31)			682	(683)	4,334	(1)	0	4,453
2. Material	Labor - Other	Labor	Labor Entries <\$5,000				(2,729)					(2,729)	
		Labor Total					(2,729)					(2,729)	
	Labor - Other Total	Material	Wire, Cable & Bus Bar-IN					(2,729)					(2,729)
	Material - Inventory	Material Total					(595)					(595)	
	Material - Inventory Total	Material	TDBU B-Items				(595)					(595)	
	Material - Other	Material Total					(55)					(55)	
	Material - Other Total	Material					(55)					(55)	
	Wire, Cable & Bus Bar-DP	Material - Direct Purchase	Material Entries <\$5,000				(33,578)					(33,578)	
		Material - Direct Purchase Total					(33,578)					(33,578)	
	Wire, Cable & Bus Bar-DP Total						(33,578)					(33,578)	
2. Material Total							(36,956)					(36,956)	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000					684				684	
		Contract Total						684				684	
	Construction Management Services Total	Labor	Labor Entries <\$5,000	406	410							816	
	SC&M	Labor Total		406	410							816	
	SC&M Total	406	410									816	
	Short Term Equipment Rent	Contract	Contract Entries <\$50,000	345	345			1,436		(345)	345	2,127	
		Contract Total		345	345			1,436		(345)	345	2,127	
	Short Term Equipment Rent Total			345	345			1,436		(345)	345	2,127	
3. Construction Total				345	751	410		2,120		(345)	345	3,627	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000				(222)	5	29			(189)	
		Chargeback Total					(222)	5	29			(189)	
		Labor	Labor Entries <\$5,000				(1,841)					(1,841)	
		Labor Total					(1,841)					(1,841)	
	Chargebacks Total						(2,063)	5	29			(2,030)	
	Labor - Other	Labor	Labor Entries <\$5,000	229	436	368	(9,482)	408	1,177	(102)	87	(6,879)	
		Labor Total		229	436	368	(9,482)	408	1,177	(102)	87	(6,879)	
	Labor - Other Total			229	436	368	(9,482)	408	1,177	(102)	87	(6,879)	
4. Allocated Total				229	436	368	(11,545)	413	1,206	(102)	87	(8,909)	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	44	62	32	(3,040)	92	207	(17)	14	(2,604)	
			Capitalized Overhead - Inj & Damages	(5)	1	1	(91)	1	1	(1)	0	(94)	
			Capitalized Overhead - IT IMM	2	2	2	(74)	4	7	(0)	1	(57)	
			Capitalized Overhead - P&B/Payroll Tax	104	537	292						933	
		Non Budgeted Total		145	603	327	(3,204)	97	214	(18)	15	(1,822)	
	Non Budget - Other Total			145	603	327	(3,204)	97	214	(18)	15	(1,822)	
5. Corporate Overhead Total				145	603	327	(3,204)	97	214	(18)	15	(1,822)	
				870	1,759	1,105	(51,024)	1,947	5,754	(466)	447	(39,607)	
				870	1,759	1,105	(51,024)	1,947	5,754	(466)	447	(39,607)	
				870	1,759	1,105	(51,024)	1,947	5,754	(466)	447	(39,607)	

2018 YTD Project	Work Order	Project Pin	Work Order Description	Total
West of Devers	800062511	6420	West of Devers 230kV Rebuild PE	534,885 West of Devers 230kV Rebuild PE
	801275175	6420	ACQ: West of Devers	2,379,374 ACQ: West of Devers
	901453922	6420	Devers Sub: Install 220kV CBs & DSs	944,352 Devers Sub: Install 220kV CBs & DSs
	901453923	6420	El Casco Sub: Install 220kV Terminal Equipment	909,858 El Casco Sub: Install 220kV Terminal Equipment
	901453924	6420	Etiwanda Sub: Install 220kV Relay Equipment	(2,269) Etiwanda Sub: Install 220kV Relay Equipment
		7914	Etiwanda Sub: Install 220kV Relay Equipment	9,089 Etiwanda Sub: Install 220kV Relay Equipment
	901453925	6420	San Bernardino : Install Disconnects	1,446,997 San Bernardino : Install Disconnects
	901453926	6420	Vista Sub: Install Disconnects	236,781 Vista Sub: Install Disconnects
	901460764	6420	Rebuild Devers-El Casco & El Casco-San Bernardino 220kV	125,605,653 Rebuild Devers-El Casco & El Casco-San Bernardino 220kV
Grand Total				132,064,720

Pin: 6420
 Order: 800062511

Project: West of Devers
 800062511 - West of Devers 230kV Rebuild PE

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	04	05	06	07	08	09	10	11	12			
1. Project Support	Environmental/Safety Professional Services	Contract	Contract Entries <\$50,000	90	90	90	90	90	90	90	90	90	90	90	90	180	
			Contract Total	90	90	90	90	90	90	90	90	90	90	90	90	180	
		Other	Other	(2,412)	(1,088)	1,596	(1,368)	2,280	1,938	(570)	(684)	1,368	(4,560)			(3,500)	
	Environmental/Safety Professional Services Total	Other	Other Total	(2,412)	(1,088)	1,596	(1,368)	2,280	1,938	(570)	(684)	1,368	(4,560)			(3,500)	
	Other Total			(2,412)	(998)	1,596	(1,368)	2,280	2,028	(570)	(684)	1,368	(4,560)			(3,500)	
1. Project Support Total																(3,320)	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	3,500	1,088	2,052	228	3,648	4,902	5,016	4,332					24,766	
			Contract Total	3,500	1,088	2,052	228	3,648	4,902	5,016	4,332					24,766	
		Construction Management Services Total		3,500	1,088	2,052	228	3,648	4,902	5,016	4,332					24,766	
3. Construction Total																24,766	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	23	8	14	2	25	32	33	56					192	
			Chargeback Total	23	8	14	2	25	32	33	56					192	
		Labor - Other	Labor	680	212	251	29	533	874	740	556					3,875	
	Labor - Other Total	Labor Total		680	212	251	29	533	874	740	556					3,875	
4. Allocated Total																3,875	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			184,864										323,280	508,144
			Capitalized Overhead - A&G	257	75	84	10	183	194	214	164					1,181	
			Capitalized Overhead - Inj & Damages	(5)	0	0	0	0	1	2	0					(1)	
			Capitalized Overhead - IT IMM	12	2	4	0	10	11	3	6					50	
		Non Budgeted Total		264	78	184,864	88	10	194	206	220	170				323,280	
5. Corporate Overhead Total	Non Budget - Other Total			264	78	184,864	88	10	194	206	220	170				323,280	
				2,055	388	186,460	1,037	2,549	6,427	5,444	5,325	6,482	(4,560)	323,280	534,885		
				2,055	388	186,460	1,037	2,549	6,427	5,444	5,325	6,482	(4,560)	323,280	534,885		
						2,055	388	186,460	1,037	2,549	6,427	5,444	5,325	6,482	(4,560)	323,280	534,885

Pin: 6420
 Order: 801275175

Project: West of Devers
 801275175 - ACO: West of Devers

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	06	07	08	09	10	11	12	
1. Project Support	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	20,999	21,010	44,727	13,431	14,631	12,963	11,834	5,692	7,171	30,549	12,760		195,767
		Contract Total		20,999	21,010	44,727	13,431	14,631	12,963	11,834	5,692	7,171	30,549	12,760		195,767
	DCM	Labor	Labor Entries <\$5,000	6,487	7,649	11,354	8,778	11,737	10,566	9,556	12,825	5,297	2,918	2,646	1,891	91,704
		Labor Total		6,487	7,649	11,354	8,778	11,737	10,566	9,556	12,825	5,297	2,918	2,646	1,891	91,704
	DCM Total															
	HRealProp	Labor	Labor Entries <\$5,000	47	47	1,181			280	36	394	501	35	139	105	2,765
		Labor Total		47	47	1,181			280	36	394	501	35	139	105	2,765
	HRealProp Total															
	Labor - Other	Labor	Labor Entries <\$5,000	1,035	229	(1,333)	476	2,484	(2,826)	1,154	(1,383)	258	638	(872)	207	66
		Labor Total		1,035	229	(1,333)	476	2,484	(2,826)	1,154	(1,383)	258	638	(872)	207	66
	Labor - Other Total															
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000				941	3,242	3,675	3,321	4,556	2,891	3,346	3,885	1,390	27,247
		Labor Total					941	3,242	3,675	3,321	4,556	2,891	3,346	3,885	1,390	27,247
	MAJOR PROJECT ORG Total															
	Other	Other	BENDER ROSENTHAL INC	30,441	68,670		100,198	42,948	30,852	36,492	20,049	17,390	12,505	13,228	5,228	378,001
			Land Acquisition Fees/Expenses	(989)	289,579		125,448	10,476	15,683							1,037,904
		Other	Other				312	46		76		501			65	1,001
			Other Total	29,452	358,249	312	225,646	53,470	46,534	36,568	20,049	17,891	1,050,409	13,228	5,294	1,857,102
	Other Total			29,452	358,249	312	225,646	53,470	46,534	36,568	20,049	17,891	1,050,409	13,228	5,294	1,857,102
	Software License Via Electronic Delivery	Contract	Contract Entries <\$50,000	4,211			500	500	500	500	510	500	500	500	500	8,721
		Contract Total		4,211			500	500	500	500	510	500	500	500	500	8,721
	Software License Via Electronic Delivery Total			4,211			500	500	500	500	510	500	500	500	500	8,721
1. Project Support Total				62,232	387,184	56,241	249,773	86,065	71,692	62,968	42,633	34,518	1,088,394	32,286	9,387	2,183,373
2. Material	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Material Entries <\$5,000									3,637				3,637
		Material - Direct Purchase Total										3,637				3,637
	Building, Shop & Industrial Products/Eqp Total											3,637				3,637
	Labor - Other	Labor	Labor Entries <\$5,000									283				283
		Labor Total										283				283
	Labor - Other Total											283				283
2. Material Total												3,920				3,920
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	367	1,824	357	1,167	743	292	346	173	162	562	342	74	6,408
			PG-WMR_West of Devers Easements		9,248	5,216	45,983	18,889								79,336
		Chargeback Total		367	11,072	5,573	47,150	19,632	292	346	173	162	562	342	74	85,744
		Labor	Labor Entries <\$5,000									277				277
		Labor Total										277				277
	Chargebacks Total			367	11,072	5,573	47,150	19,632	292	623	173	162	562	342	74	86,021
	Labor - Other	Labor	Labor Entries <\$5,000	4,258	5,943	5,087	7,097	7,487	5,801	6,760	6,969	4,650	4,152	2,605	209	61,018
		Labor Total		4,258	5,943	5,087	7,097	7,487	5,801	6,760	6,969	4,650	4,152	2,605	209	61,018
	Labor - Other Total			4,258	5,943	5,087	7,097	7,487	5,801	6,760	6,969	4,650	4,152	2,605	209	61,018
4. Allocated Total				4,626	17,014	10,659	54,247	27,119	6,093	7,383	7,142	4,811	4,714	2,947	283	147,039
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax				13,698								31,344	45,042
		Non Budgeted Total					13,698								31,344	45,042
	Non Budget - Other Total						13,698								31,344	45,042
5. Corporate Overhead Total				66,858	404,198	66,900	317,718	113,184	77,785	74,270	49,775	39,329	1,093,108	35,233	41,014	2,379,374
				66,858	404,198	66,900	317,718	113,184	77,785	74,270	49,775	39,329	1,093,108	35,233	41,014	2,379,374
				66,858	404,198	66,900	317,718	113,184	77,785	74,270	49,775	39,329	1,093,108	35,233	41,014	2,379,374

Pin: 6420
Order: 901453922

Project: West of Devers
901453922 - Devers Sub: Install 220kV CBs & DSs

SubCategory	Prime	Group	Detail	Month												Grand Total					
				01	02	03	04	05	06	07	08	09	10	11	12						
1. Project Support	As-built updates	Material - Other	As-built updates	0	0	8					168	53	54	163	447	447					
		Material - Other Total		0	0	8					168	53	54	163	447	447					
	As-built updates Total			0	0	8					168	53	54	163	447	447					
	Cleaning / Janitorial Services	Contract	Contract Entries <\$50,000													126	126				
	Cleaning / Janitorial Services Total	Contract Total														126	126				
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000													224	2,326	1,527	4,077		
	Contract Consult/Contract Ord to Ord Total	Contract Total														224	2,326	1,527	4,077		
	DCM	Labor	Labor Entries <\$5,000	697	312	86	364			103	1,431	483				102	3,578				
	DCM Total	Labor Total		697	312	86	364			103	1,431	483				102	3,578				
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	314	891	387		281	251	3,860	2,871	3,502	3,548	756		16,661					
	ELEC SYS PLANNING Total	Labor Total		314	891	387		281	251	3,860	2,871	3,502	3,548	756		16,661					
	Labor - Other	Labor	Labor Entries <\$5,000	(3,846)	(304)	50	(45)	441	(446)	1,593	(1,189)	(326)	704	(650)	(97)	(4,115)					
	Labor - Other Total	Labor Total		(3,846)	(304)	50	(45)	441	(446)	1,593	(1,189)	(326)	704	(650)	(97)	(4,115)					
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000								440	38				406		884			
	MAJOR PROJECT ORG Total	Labor Total									440	38				406		884			
	Other	Other	Other	1,019	(180)			171	(171)		395	8,972	(8,536)	4,767	(4,544)	4,767	(4,544)	1,892			
	Other Total	Other Total	SODEXO MAGIC FOOD SERVICE	684							395	8,972	(8,536)	4,767	(4,544)	4,767	(4,544)	684			
	Other Total	Other Total		1,703	(180)			171	(171)		395	8,972	(8,536)	4,767	(4,544)	4,767	(4,544)	2,576			
1. Project Support Total				(2,836)	1,399	1,073	428	984	(336)	1,845	3,609	13,154	(3,571)	10,451	(1,966)	24,233					
2. Material	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Material Entries <\$5,000								314	35				349					
	Building, Shop & Industrial Products/Eqp Total	Material - Direct Purchase Total									314	35				349					
	Cabinets, Panels and Switchboards-DP	Material - Direct Purchase	Material Entries <\$5,000								314	35				349					
	Cabinets, Panels and Switchboards-DP Total	Material - Direct Purchase Total									300					300					
	Electric Wiring and Components-DP	Material - Direct Purchase	Electric Wiring and Components-DP	19,058	36,468	6,798					2,586	1,561				62,323					
	Electric Wiring and Components-DP Total	Material - Direct Purchase Total	Material Entries <\$5,000	4,318		33					2,586	1,561				8,498					
	Insulators & Bushings-DP	Material - Direct Purchase	Material Entries <\$5,000	23,376	36,468	6,831					2,586	1,561				70,821					
	Insulators & Bushings-DP Total	Material - Direct Purchase Total		23,376	36,468	6,831					2,586	1,561				70,821					
	Labor - Other	Labor	Labor Entries <\$5,000	3,003	(204)	709		1,644	746	3,010		7,079		1,344	149	279	10,680				
	Labor Total	Labor Total	T&D Supply Expense	3,003	(204)	709		1,644	746	3,010		7,079		1,344	149	279	17,760				
	Material - Inventory	Material	Building, Shop & Industrial Products/Eqp	3,003	(204)	709		1,644	746	3,010		7,079		1,344	149	279	17,760				
	Material - Inventory Total	Material Total	Communication Systems and Equipment -DP								17,257					17,257					
	Material - Other	Material	Metals & Fabricated Metal Products-IN								450					4,615	5,065				
	Material - Other Total	Material Total	Pipe/Tubing, Fittings and Gaskets-IN								493					493					
	Metals & Fabricated Metal Products-DP	Material - Direct Purchase	Material Entries <\$5,000	93	38	8		22	(2)	0	17	5	(1)	0	181						
	Metals & Fabricated Metal Products-DP Total	Material - Direct Purchase Total	Metals & Fabricated Metal Products-DP	2,457	2,865	538		2,115	695	2,996	3,932	3,854	1,514	358		11,021	11,021				
	Other Consumables-DP	Material - Direct Purchase	Material Entries <\$5,000	2,457	2,865	538		2,115	695	2,996	3,932	3,854	1,514	358		21,322	21,322				
	Other Consumables-DP Total	Material - Direct Purchase Total									103	93				197					
	Pipe/Tubing, Fittings and Gaskets-DP	Material - Direct Purchase	Material Entries <\$5,000								14,064					14,064					
	Pipe/Tubing, Fittings and Gaskets-DP Total	Material - Direct Purchase Total	Metals & Fabricated Metal Products-DP								14,168					14,168					
	Pole Line Hdwe & Connectors-DP	Material - Direct Purchase	Material Entries <\$5,000								14,168					14,168					
	Pole Line Hdwe & Connectors-DP Total	Material - Direct Purchase Total	Pole Line Hdwe & Connectors-DP								13,564					13,564					
	Pole Line Hdwe & Connectors-DP Protection and Test-DP	Material - Direct Purchase	GE GRID SOLUTIONS LLC	7,124							16,833	3,922	1,792			22,547					
	Pole Line Hdwe & Connectors-DP Total	Material - Direct Purchase Total		7,124							16,833	3,922	1,792			7,124					
	Steel / Fabricated / Structural-DP	Material - Direct Purchase	Material Entries <\$5,000	8,988								305					305				
	Steel / Fabricated / Structural-DP Total	Material - Direct Purchase	Steel / Fabricated / Structural-DP	7,124								6,458					6,458				
																54,107					

Pin: 6420 Project: West of Devers
 Order: 901453922 - Devers Sub: Install 220kV CBs & DSS

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
			WASHINGTON ORNAMENTAL IRON WOR					23,975								23,975	
			Material - Direct Purchase Total					23,975	8,988	38,661						78,388	
Steel / Fabricated / Structural-DP Total								23,975	8,988	38,661						78,388	
Wire, Cable & Bus Bar-DP		Material - Direct Purchase	Material Entries <\$5,000									928	4,832			5,759	
			Wire, Cable & Bus Bar-DP									9,735				9,735	
			Material - Direct Purchase Total									10,663	4,832			15,495	
			Wire, Cable & Bus Bar-DP Total									10,663	4,832			15,495	
2. Material Total																	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	35,959	39,128	8,078		27,734	10,429	44,667	90,324	22,310	3,757	5,252		287,639	
		Contract Total							171		550	14,779	31,500	12,091		59,641	
									171		550	14,779	31,500	12,091		59,641	
			Construction Management Services Total						171		550	14,779	31,500	12,091		59,641	
			Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000											6,204	
				FIP-Devers Sub: Install 220 kV CBs & DSS												133,335	
				SEMPER ELECTRIC INC												133,335	
			Major Construction, Turnkey, Trans/Subs Total	Contract Total												174,502	
				SC&M	Labor	Labor Entries <\$5,000			2,628	579	12,543	16,561				180,706	
					Labor Total				2,628	579	12,543	16,561				180,706	
				SCB&M Total					2,628	579	12,543	16,561				133,335	
				TRANSMISSION	Labor	Labor Entries <\$5,000					126	1,144	318	64		314,041	
					Labor Total						126	1,144	318	64		314,041	
				TRANSMISSION Total							126	1,144	318	64		1,651	
3. Construction Total																	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	201	3,078	1,851	2,456	2,275	3,260	1,338	1,301	1,481	1,349	4,354	4,353	27,297	
		Chargeback Total		201	3,078	1,851	2,456	2,275	3,260	1,338	1,301	1,481	1,349	4,354	4,353	27,297	
			Labor	Labor Entries <\$5,000	(1,159)	1,981	411	1,354	382	2,941	4,200	860	125	209		11,304	
			Labor Total		(1,159)	1,981	411	1,354	382	2,941	4,200	860	125	209		11,304	
		Chargebacks Total			(958)	5,060	2,262	2,456	3,629	3,642	4,279	1,301	5,681	2,209	4,479	4,561	38,601
		Labor - Other	Labor	Division Overhead									8,516			12,157	
			Labor Entries <\$5,000	4,442	5,047	1,330	197	3,254	1,259	11,147	8,342	7,015	6,010	8,358	6,180	62,581	
			Labor Total	4,442	5,047	1,330	197	3,254	1,259	11,147	8,342	15,531	6,010	20,514	13,057	90,132	
		Labor - Other Total			4,442	5,047	1,330	197	3,254	1,259	11,147	8,342	15,531	6,010	20,514	13,057	90,132
4. Allocated Total					3,485	10,107	3,592	2,653	6,883	4,901	15,426	9,642	21,213	8,219	24,994	17,619	128,732
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax					6,568								15,496	
			Capitalized Overhead - A&G	2,237	2,724	536	193	1,384	594	3,176	1,017	4,453	1,676	9,003	4,322	31,215	
			Capitalized Overhead - Inj & Damages	(270)	48	10	3	14	8	18	19	362	18	7	6	244	
			Capitalized Overhead - IT IMM	105	86	26	5	61	20	181	60	69	63	358	211	1,243	
			Capitalized Overhead - P&B/Payroll Tax	897	134	1,189	1,358	2,558	465	5,633	16,026	4,516	3,762	3,112	541	40,190	
		Non Budget - Other Total			2,968	2,992	1,762	8,126	4,017	1,087	9,007	17,122	9,300	5,519	12,479	20,577	94,956
5. Corporate Overhead Total					2,968	2,992	1,762	8,126	4,017	1,087	9,007	17,122	9,300	5,519	12,479	20,577	94,956
					39,577	53,626	14,505	11,207	42,246	16,830	83,488	47,609	135,684	47,575	264,953	187,053	944,352
					39,577	53,626	14,505	11,207	42,246	16,830	83,488	47,609	135,684	47,575	264,953	187,053	944,352
					39,577	53,626	14,505	11,207	42,246	16,830	83,488	47,609	135,684	47,575	264,953	187,053	944,352

Pin: 6420
Order: 901453923

Project: West of Devers
901453923 - El Casco Sub: Install 220kV Terminal Equipment

SubCategory	Prime	Group	Detail	Month															
				01	02	03	04	05	06	07	08	09	10	11	12	Grand Total			
1. Project Support	As-built updates	Material - Other	As-built updates	0	0	19	10	(0)	11	0	3	43							
		Material - Other Total		0	0	19	10	(0)	11	0	3	43							
	As-built updates Total			0	0	19	10	(0)	11	0	3	43							
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	550	4,210	1,092	183						6,035						
		Contract Total		550	4,210	1,092	183						6,035						
	Contract Consult/Contract Ord to Ord Total			550	4,210	1,092	183						6,035						
	DCM	Labor	Labor Entries <\$5,000	989	633								1,622						
		Labor Total		989	633								1,622						
	DCM Total			989	633								1,622						
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	1,693	2,171	4,087	3,348	1,130	786	484	1,918		576			16,194			
		Labor Total		1,693	2,171	4,087	3,348	1,130	786	484	1,918		576			16,194			
	ELEC SYS PLANNING Total			1,693	2,171	4,087	3,348	1,130	786	484	1,918		576			16,194			
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000			0						16,945					16,945		
		Contract Total				0						16,945					16,945		
	Engineering/Technical Professional Servi Total					0						16,945					16,945		
	Labor - Other	Labor	Labor Entries <\$5,000	(4,561)	894	(309)	(330)	1,126	(1,573)	172	(35)	(138)	685	(685)	28	(4,725)			
		Labor Total		(4,561)	894	(309)	(330)	1,126	(1,573)	172	(35)	(138)	685	(685)	28	(4,725)			
	Labor - Other Total			(4,561)	894	(309)	(330)	1,126	(1,573)	172	(35)	(138)	685	(685)	28	(4,725)			
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	359	184	611		572	366				2,092				2,092		
		Labor Total		359	184	611		572	366				2,092				2,092		
	MAJOR PROJECT ORG Total			359	184	611		572	366				2,092				2,092		
	Other	Other	Other	166	2,526	(1,636)	85	97		71			1,309				1,309		
		Other Total	SODEXO MAGIC FOOD SERVICE			(0)							(0)				1,309		
	Other Total			166	2,526	(1,636)	85	97		71			1,309				1,309		
	Temporary/Supplementary - Admin/Non-Tech	Contract	Contract Entries <\$50,000			-							-				-		
		Contract Total				-							-				-		
	Temporary/Supplementary - Admin/Non-Tech Total					-							-				-		
	TRANSMISSION	Labor	Labor Entries <\$5,000					60		687			746					746	
		Labor Total						60		687			746					746	
	TRANSMISSION Total							60		687			746					746	
1. Project Support Total				(2,868)	3,589	8,028	6,854	3,443	125	17,968	2,641	(138)	696	(685)	608	40,261			
2. Material	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Material Entries <\$5,000	2,067	1,029	299							3,395				3,395		
		Material - Direct Purchase Total		2,067	1,029	299							3,395				3,395		
	Building, Shop & Industrial Products/Eqp Total			2,067	1,029	299							3,395				3,395		
	Cabinets, Panels and Switchboards-DP	Material - Direct Purchase	Material Entries <\$5,000					569					569				569		
		Material - Direct Purchase Total						569					569				569		
	Cabinets, Panels and Switchboards-DP Total							569					569				569		
	Electric Wiring and Components-DP	Material - Direct Purchase	Material Entries <\$5,000			3,618							3,618				3,618		
		Material - Direct Purchase Total				3,618							3,618				3,618		
	Electric Wiring and Components-DP Total					3,618							3,618				3,618		
	Labor - Other	Labor	Labor Entries <\$5,000	277	(9)	4,545	(18,650)	68	162	(2,403)	(94)		(16,105)				(16,105)		
		T&D Supply Expense				20,608							20,608				20,608		
	Labor - Other Total			277	(9)	4,545	1,958	68	162	(2,403)	(94)		(2,403)	(94)			4,503		
	Material - Inventory	Material	Building, Shop & Industrial Products/Eqp			17,255							(10,551)				4,503		
		Electric Wiring and Components-IN											(1,054)				(1,054)		
		Metals & Fabricated Metal Products-IN				5,565							(424)				5,141		
		Pipe/Tubing, Fittings and Gaskets-IN				27							(207)				(180)		
		Pole Line Hdwe & Connectors-IN		2,809	1,302	13,480							(18,707)				(1,116)		
		Wire, Cable & Bus Bar-IN			323	1,575							(3,207)				(1,309)		
	Material - Inventory Total			2,809	1,625	37,902							(33,095)				8,186		
	Material - Other	Material	Material Sales Tax Expense	218	126	1,152	1,900	77	151	(1,543)	(1,022)		(1,543)	(1,022)			8,186		
		Special Transport		156	743	841	235						939	332			3,246		
		TDBU B-Items		9	2	50	42	1	(0)	(18)	(0)		(623)	(690)			84		
	Material - Other Total			383	128	1,945	2,783	312	151	(623)	(690)		(623)	(690)			4,389		
	Metals & Fabricated Metal Products-DP	Material - Direct Purchase	Material Entries <\$5,000			845							845				845		
		Material - Direct Purchase Total				845							845				845		
	Metals & Fabricated Metal Products-DP Total					845							845				845		
	Pipe/Tubing, Fittings and Gaskets-DP	Material - Direct Purchase	Material Entries <\$5,000			1,051							1,051				1,051		
		Material - Direct Purchase Total				1,051							1,051				1,051		
	Pipe/Tubing, Fittings and Gaskets-DP Total					1,051							1,051				1,051		
	Pole Line Hdwe & Connectors-DP	Material - Direct Purchase	Material Entries <\$5,000			2,660	4,047						2,660	4,047			6,707		
		Material - Direct Purchase Total				2,660	4,047						2,660	4,047			6,707		
	Pole Line Hdwe & Connectors-DP Total					2,660	4,047						2,660	4,047			6,707		
	Steel / Fabricated / Structural-DP	Material - Direct Purchase	Material Entries <\$5,000			1,134	626			1,950			1,134	626			3,710		
		Material - Direct Purchase Total	WASHINGTON ORNAMENTAL IRON WOR				11,970						11,970				11,970		
	Steel / Fabricated / Structural-DP Total					1,134	12,596			1,950			1,134	12,596			15,680		
	Wire, Cable & Bus Bar-DP	Material - Direct Purchase	Material Entries <\$5,000			1,134	12,596			1,950			1,134	12,596			1,451		
		Material - Direct Purchase Total				1,134	12,596			1,950			1,134	12,596			1,451		
	Wire, Cable & Bus Bar-DP Total					1,134	12,596			1,950			1,134	12,596			1,451		
2. Material Total				3,469	1,743	50,253	29,257	1,368	2,263	(36,120)	(1,839)		(36,120)	(1,839)			50,393		

Pin: 6420

Project: West of Devers

901453923 - El Casco Sub: Install 220kV Terminal Equipment

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	549	412	1,571	12,787	36,051	6,387	348	4,687						62,792
		Contract Total		549	412	1,571	12,787	36,051	6,387	348	4,687						62,792
	Construction Management Services Total			549	412	1,571	12,787	36,051	6,387	348	4,687						62,792
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000				-										-
	ELEC SYS PLANNING Total																-
	GRID OPS	Labor	Labor Entries <\$5,000	157	3,352	5,522	4,524	1,415	622	162	906						16,660
		Labor Total		157	3,352	5,522	4,524	1,415	622	162	906						16,660
	GRID OPS Total			157	3,352	5,522	4,524	1,415	622	162	906						16,660
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000					3,116	518	43,460	7,376						54,469
		SEMPER ELECTRIC INC					173,063		161,583								334,646
	Major Construction, Turnkey, Trans/Subs Total						173,063	3,116	162,101	43,460	7,376						389,115
	SC&M	Labor	Labor Entries <\$5,000				10,100	9,177	4,569	3,298	5,025						38,710
		Labor Total					10,100	9,177	4,569	3,298	5,025						38,710
	SC&M Total						10,100	9,177	4,569	3,298	5,025						38,710
	Security / Protection Services	Contract	Contract Entries <\$50,000					8,232	27,095	8,198	115		716				44,356
		Contract Total						8,232	27,095	8,198	115		716				44,356
	Security / Protection Services Total							8,232	27,095	8,198	115		716				44,356
	Short Term Equipment Rent	Contract	Contract Entries <\$50,000	269	539	269	269	789									2,136
		Contract Total		269	539	269	269	789									2,136
	Short Term Equipment Rent Total			269	539	269	269	789									2,136
	TRANSMISSION	Labor	Labor Entries <\$5,000				124	1,220	0								1,344
		Labor Total					124	1,220	0								1,344
	TRANSMISSION Total						124	1,220	0								1,344
3. Construction Total				975	4,426	18,683	208,052	73,034	180,606	44,085	17,995	716	6,109	431		555,112	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	4	3,235	2,365	9,232	2,863	4,825	1,636	1,557	1,308	1,065	1,777	2,729		32,596
		Chargeback Total		4	3,235	2,365	9,232	2,863	4,825	1,636	1,557	1,308	1,065	1,777	2,729		32,596
		Labor	Labor Entries <\$5,000	(107)	88	2,630	(161,26)	56	83		(1,757)	(56)					(15,188)
		MATERIAL MANAGEM					17,447										17,447
		Labor Total		(107)	88	2,630	1,321	56	83		(1,757)	(56)					2,259
	Chargebacks Total			(103)	3,324	4,996	10,553	2,919	4,908	1,636	(199)	1,252	1,065	1,777	2,729		34,855
	Labor - Other	Labor	Division Overhead				71,889		20,302	5,637							97,828
		Labor Entries <\$5,000		1,353	3,383	13,847	(34,196)	9,599	4,575	3,940	(109)	(129)	2,593	(205)	46		4,699
		Labor Total		1,353	3,383	13,847	37,694	9,599	24,878	9,577	(109)	(129)	2,593	(205)	46		102,527
	Labor - Other Total			1,353	3,383	13,847	37,694	9,599	24,878	9,577	(109)	(129)	2,593	(205)	46		102,527
4. Allocated Total				1,250	6,707	18,843	48,246	12,518	29,786	11,213	(308)	1,123	3,658	1,572	2,775		137,382
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax				7,469										7,469
			Capitalized Overhead - A&G	173	889	3,901	22,633	3,286	7,941	3,124	(527)	(5)	347	48	85		41,894
			Capitalized Overhead - Inj & Damages	(17)	13	80	293	8	21	3	(19)	(6)	5	(0)	0		381
			Capitalized Overhead - IT IMM	8	28	192	479	145	264	178	(31)	(0)	13	2	4		1,281
			Capitalized Overhead - P&B/Payroll Tax	1,377	10,404	15,384	25,815	6,333	4,033	556	6,788	(26)	4,747	(104)	379		75,685
		Non Budgeted Total		1,541	11,334	19,555	56,689	9,772	12,258	3,861	6,211	(37)	5,111	(55)	469		126,710
	Non Budget - Other Total			1,541	11,334	19,555	56,689	9,772	12,258	3,861	6,211	(37)	5,111	(55)	469		126,710
5. Corporate Overhead Total				4,368	27,800	115,362	349,098	100,135	225,037	77,127	(9,583)	(175)	15,574	1,263	3,852		909,858
				4,368	27,800	115,362	349,098	100,135	225,037	77,127	(9,583)	(175)	15,574	1,263	3,852		909,858
				4,368	27,800	115,362	349,098	100,135	225,037	77,127	(9,583)	(175)	15,574	1,263	3,852		909,858

Pin: 6420
Order: 901453924

Project: West of Devers
901453924 - Etiwanda Sub: Install 220kV Relay Equipment

SubCategory	Prime	Group	Detail	Month	01	02	03	04	05	06	07	08	09	10	11	12	Grand Total	
1. Project Support	As-built updates	Material - Other	As-built updates						0				0	0	0	0	1	
		Material - Other Total						0				0	0	0	0	0	1	
	As-built updates Total								0				0	0	0	0	1	
	DCM	Labor	Labor Entries <\$5,000		111				(973)		1,288						426	
		Labor Total			111				(973)		1,288						426	
	DCM Total				111				(973)		1,288						426	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000						(6,250)		6,250						(0)	
		Labor Total							(6,250)		6,250						(0)	
	ELEC SYS PLANNING Total								(6,250)		6,250						(0)	
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000						(66,857)		66,857						-	
		Contract Total							(66,857)		66,857						-	
	Engineering/Technical Professional Servi Total								(66,857)		66,857						-	
	Labor - Other	Labor	Labor Entries <\$5,000		(107)				(524)		524			115	(29)		(20)	
		Labor Total			(107)				(524)		524			115	(29)		(20)	
	Labor - Other Total				(107)				(524)		524			115	(29)		(20)	
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000						(1,618)		1,618						-	
		Labor Total							(1,618)		1,618						-	
	MAJOR PROJECT ORG Total								(1,618)		1,618						-	
	Other	Other	Other						(278)		278						-	
		SODEXO MAGIC FOOD SERVICE							(9)		9						-	
									(286)		286						-	
		Other Total							(286)		286						-	
	Other Total																-	
1. Project Support Total					(107)		111		0	(76,508)	76,823		0	115	(29)	0	406	
2. Material	Electric Wiring and Components-DP	Material - Direct Purchase	Electric Wiring and Components-DP							(11,870)	11,870						11,870	
		Material - Direct Purchase Total								(11,870)	11,870						(11,870)	
	Electric Wiring and Components-DP Total									(11,870)	11,870						-	
	Labor - Other	Labor	Labor Entries <\$5,000							(3,247)	3,247						-	
		Labor Total								(3,247)	3,247						-	
	Labor - Other Total									(3,247)	3,247						-	
	Material - Other	Material	Material Sales Tax Expense							(2,884)	2,884						-	
		TDBU B-Items							9	0							9	
	Material Total									(2,875)	2,884						9	
	Material - Other Total									(2,875)	2,884						9	
	Material Handling Services	Contract	Contract Entries <\$50,000							(340)	340						-	
		Contract Total								(340)	340						-	
	Material Handling Services Total									(340)	340						-	
	Transducers and Inverters-DP	Material - Direct Purchase	Material Entries <\$5,000							(25,337)	25,337						(25,337)	
		Transducers and Inverters-DP Total								(25,337)	25,337						25,337	
	Transducers and Inverters-DP Total									(43,670)	43,678						-	
2. Material Total																	9	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000		475					(1,031)	1,031						475	
		Contract Total			475					(1,031)	1,031						475	
	Construction Management Services Total				475					(1,031)	1,031						475	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000							(460)	460						-	
		Labor Total								(460)	460						-	
	ELEC SYS PLANNING Total									(460)	460						-	
	GRID OPS	Labor	Labor Entries <\$5,000							(2,089)	2,089						-	
		Labor Total								(2,089)	2,089						-	
	GRID OPS Total									(2,089)	2,089						-	
	SC&M	Labor	Labor Entries <\$5,000							(238)	1,492						1,253	
		Labor Total								(238)	1,492						1,253	
	SC&M Total									(367)	367						-	
	TRANSMISSION	Labor	Labor Entries <\$5,000							(367)	367						-	
		Labor Total								(367)	367						-	
	TRANSMISSION Total																-	
3. Construction Total					475					(4,186)	5,439						1,728	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000		76	47	63	55	(934)	1,044	33	30	24	40	62		540	
		Chargeback Total			76	47	63	55	(934)	1,044	33	30	24	40	62		540	
		Labor	Labor Entries <\$5,000						(11,062)	11,062							(11,062)	
		MATERIAL MANAGEM								(11,062)	11,062						11,062	
		Labor Total								(11,062)	11,062						-	
	Chargebacks Total				76	47	63	55	(11,996)	12,106	33	30	24	40	62		540	
	Labor - Other	Labor	Division Overhead							7,356							7,356	
		Labor Entries <\$5,000			65	49			(20,334)	13,675				0	(0)		(6,544)	
		Labor Total			65	49			(20,334)	21,031				0	(0)		812	
	Labor - Other Total				65	49			(20,334)	21,031				0	(0)		812	
4. Allocated Total					141	96	63	55	(32,330)	33,138	33	30	24	40	62		1,352	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax						478								813	
			Capitalized Overhead - A&G		(7)	33	9	4	2	(5,534)	6,425	1	1	5	0	2	941	
			Capitalized Overhead - Inj & Damages		1	0	0	0		(52)	20	0	0	0	(0)		(31)	
			Capitalized Overhead - IT IMM		(0)	1	0	0	0	(184)	366	0	0	0	0		183	
			Capitalized Overhead - P&B/Payroll Tax		15	87	22	5	(14,223)	5,881	5	2	71	(13)	1		(8,148)	
			Non Budgeted Total		(6)	49	96	504	7	(19,992)	12,691	6	3	76	(13)	816		(5,764)

Pin: 6420
 Order: 901453924

Project: West of Devers
 901453924 - Etiwanda Sub: Install 220kV Relay Equipment

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	06	07	08	09	10	11	12	
5. Corporate Overhead	Non Budget - Other Total			(6)	49	96	504	7	(19,992)	12,691	6	3	76	(13)	816	{5,764}
5. Corporate Overhead Total				(6)	49	96	504	7	(19,992)	12,691	6	3	76	(13)	816	{5,764}
				(113)	665	302	567	62	(176,685)	171,769	39	33	215	(1)	877	(2,269)
				(113)	665	302	567	62	(176,685)	171,769	39	33	215	(1)	877	(2,269)
				(113)	665	302	567	62	(176,685)	171,769	39	33	215	(1)	877	(2,269)

Pin: 7914

Project: West of Devers

901453924 - Etiwanda Sub: Install 220kV Relay Equipment

SubCategory	Prime	Group	Detail	Month				Grand Total
				06	07	12		
1. Project Support	DCM	Labor	Labor Entries <\$5,000	1,288	(1,288)			-
		Labor Total		1,288	(1,288)			-
	DCM Total			1,288	(1,288)			-
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	6,250	(6,250)			(0)
		Labor Total		6,250	(6,250)			(0)
	ELEC SYS PLANNING Total			6,250	(6,250)			(0)
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	66,857	(66,857)			-
		Contract Total		66,857	(66,857)			-
	Engineering/Technical Professional Servi Total			66,857	(66,857)			-
	Labor - Other	Labor	Labor Entries <\$5,000	522	(522)			-
		Labor Total		522	(522)			-
	Labor - Other Total			522	(522)			-
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	1,618	(1,618)			-
		Labor Total		1,618	(1,618)			-
	MAJOR PROJECT ORG Total			1,618	(1,618)			-
	Other	Other	Other	278	(278)			-
		SODEXO MAGIC FOOD SERVICE		9	(9)			-
		Other Total		286	(286)			-
	Other Total			286	(286)			-
1. Project Support Total				76,821	(76,821)			(0)
2. Material	Electric Wiring and Components-DP	Material - Direct Purchase	Electric Wiring and Components-DP	11,870				11,870
		Material Entries <\$5,000			(11,870)			(11,870)
	Electric Wiring and Components-DP Total	Material - Direct Purchase Total		11,870	(11,870)			-
	Labor - Other	Labor	Labor Entries <\$5,000	3,247	(3,247)			-
		Labor Total		3,247	(3,247)			-
	Labor - Other Total			3,247	(3,247)			-
	Material - Other	Material	Material Sales Tax Expense	2,884	(2,884)			-
		TDBU B-Items		(9)	(0)			(9)
	Material - Other Total	Material Total		2,875	(2,884)			(9)
	Material Handling Services	Contract	Contract Entries <\$50,000	340	(340)			-
		Contract Total		340	(340)			-
	Material Handling Services Total			340	(340)			-
	Transducers and Inverters-DP	Material - Direct Purchase	Material Entries <\$5,000			(25,337)		(25,337)
		Transducers and Inverters-DP		25,337				25,337
	Transducers and Inverters-DP Total	Material - Direct Purchase Total		25,337	(25,337)			-
				25,337	(25,337)			-
2. Material Total				43,670	(43,678)			(9)
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	1,031	(1,031)			-
		Contract Total		1,031	(1,031)			-
	Construction Management Services Total			1,031	(1,031)			-
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	460	(460)			-
		Labor Total		460	(460)			-
	ELEC SYS PLANNING Total			460	(460)			-

Pin: 7914

Project: West of Devers

Order: 901453924

901453924 - Etiwanda Sub: Install 220kV Relay Equipment

SubCategory	Prime	Group	Detail	Month				Grand Total
				06	07	12		
	GRID OPS	Labor	Labor Entries <\$5,000	2,089	(2,089)	-		-
		Labor Total		2,089	(2,089)	-		-
	GRID OPS Total			2,089	(2,089)	-		-
	SC&M	Labor	Labor Entries <\$5,000	1,316	(1,316)	(0)		(0)
		Labor Total		1,316	(1,316)	(0)		(0)
	SC&M Total			1,316	(1,316)	(0)		(0)
	TRANSMISSION	Labor	Labor Entries <\$5,000	367	(367)	-		-
		Labor Total		367	(367)	-		-
	TRANSMISSION Total			367	(367)	-		-
3. Construction Total				5,263	(5,263)	(0)		(0)
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	1,016	(1,016)	0		0
		Chargeback Total		1,016	(1,016)	0		0
		Labor	Labor Entries <\$5,000			(11,062)		(11,062)
			MATERIAL MANAGEM	11,062				11,062
		Labor Total		11,062	(11,062)	-		-
	Chargebacks Total			11,062	(11,062)	-		-
	Labor - Other	Labor	Division Overhead	7,255		7,255		7,255
			Labor Entries <\$5,000	13,694	(20,949)	(7,255)		(7,255)
		Labor Total		20,949	(20,949)	(0)		(0)
	Labor - Other Total			20,949	(20,949)	(0)		(0)
4. Allocated Total				33,028	(33,028)	(0)		(0)
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			45		45
			Capitalized Overhead - A&G	5,612	(6,412)			(801)
			Capitalized Overhead - Inj & Damages	53	(20)			33
			Capitalized Overhead - IT IMM	187	(365)			(178)
			Capitalized Overhead - P&B/Payroll Tax	15,804	(5,806)			9,998
		Non Budgeted Total		21,656	(12,602)	45		9,098
	Non Budget - Other Total			21,656	(12,602)	45		9,098
5. Corporate Overhead Total				21,656	(12,602)	45		9,098
				180,437	(171,392)	45		9,089
				180,437	(171,392)	45		9,089
				180,437	(171,392)	45		9,089

Pin: 6420
Order: 901453925

Project: West of Devers
901453925 - San Bernardino : Install Disconnects

SubCategory	Prime	Group	Detail	Month												Grand Total		
				01	02	03	04	05	06	07	08	09	10	11	12			
1. Project Support	As-built updates	Material - Other	As-built updates			0	1	13			42	15	9	305	385			
		Material - Other Total				0	1	13			42	15	9	305	385			
	As-built updates Total					0	1	13			42	15	9	305	385			
	Cleaning / Janitorial Services	Contract	Contract Entries <\$50,000							685	299					984		
		Contract Total								685	299					984		
	Cleaning / Janitorial Services Total									685	299					984		
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	26,603				5,309	1,675	1,456	393	467				35,902		
		Contract Total		26,603				5,309	1,675	1,456	393	467				35,902		
	Contract Consult/Contract Ord to Ord Total							5,309	1,675	1,456	393	467				35,902		
	DCM	Labor	Labor Entries <\$5,000			489	1,315	130			2,455			323		4,711		
		Labor Total				489	1,315	130			2,455			323		4,711		
	DCM Total					489	1,315	130			2,455			323		4,711		
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	519	262	997	4,995	3,413	8,836	6,732	3,414	2,093	2,808	4,428	38,498			
		Labor Total		519	262	997	4,995	3,413	8,836	6,732	3,414	2,093	2,808	4,428	38,498			
	ELEC SYS PLANNING Total					519	262	997	4,995	3,413	8,836	6,732	3,414	2,093	2,808	4,428	38,498	
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000			592			29,938					700	31,230			
		Contract Total				592			29,938					700	31,230			
	Engineering/Technical Professional Servi Total					592			29,938					700	31,230			
	HRealProp	Labor	Labor Entries <\$5,000								2,134				2,134			
		Labor Total									2,134				2,134			
	HRealProp Total															2,134		
	Labor - Other	Labor	Labor Entries <\$5,000	(9,033)	112	(153)	205	12,141	(8,308)	6,229	(9,032)	99	163	(391)	2,609	(5,361)		
		Labor Total		(9,033)	112	(153)	205	12,141	(8,308)	6,229	(9,032)	99	163	(391)	2,609	(5,361)		
	Labor - Other Total					(9,033)	112	(153)	205	12,141	(8,308)	6,229	(9,032)	99	163	(391)	2,609	(5,361)
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	73	270		494	66						230	1,132			
		Labor Total		73	270		494	66						230	1,132			
	MAJOR PROJECT ORG Total					73	270		494	66				230	1,132			
	Other	Other	Other	18	549	7,731	(4,202)	4,588	7,175	6,461	2,234	7,759	(1,112)	16	1,498	32,712		
		Other Total	SODEXO MAGIC FOOD SERVICE		18	549	7,731	(4,202)	4,588	8,201	6,461	2,234	7,759	(1,112)	16	1,498	33,738	
	Other Total				18	549	7,731	(4,202)	4,588	8,201	6,461	2,234	7,759	(1,112)	16	1,498	33,738	
	SC&M	Labor	Labor Entries <\$5,000											268	268			
		Labor Total												268	268			
	SC&M Total													268	268			
	Temporary/Supplementary - Admin/Non-Tech	Contract	Contract Entries <\$50,000								-			-	-			
		Contract Total									-			-	-			
	Temporary/Supplementary - Admin/Non-Tech Total										-			-	-			
1. Project Support Total				18,179	1,192	8,575	2,080	27,273	40,537	20,877	2,282	8,367	1,457	3,262	9,539	143,622		
2. Material	Breakers - Circuit-Dp	Material - Direct Purchase	Material Entries <\$5,000							-					-			
		Material - Direct Purchase Total								-					-			
	Breakers - Circuit-DP Total																	
	Building, Shop & Industrial Products/Eq	Material - Direct Purchase	Material Entries <\$5,000						8,957	3,162	2,492	405		5	102	15,123		
		Material - Direct Purchase Total							8,957	3,162	2,492	405		5	102	15,123		
	Building, Shop & Industrial Products/Eq Total								8,957	3,162	2,492	405		5	102	15,123		
	Cabinets, Panels and Switchboards-DP	Material - Direct Purchase	Material Entries <\$5,000							102					102			
		Material - Direct Purchase Total								102					102			
	Cabinets, Panels and Switchboards-DP Total														102			
	Electric Wiring and Components-DP	Material - Direct Purchase	Material Entries <\$5,000						79	5,548	2,103	25				7,755		
		Material - Direct Purchase Total							79	5,548	2,103	25				7,755		
	Electric Wiring and Components-DP Total								79	5,548	2,103	25				7,755		
	Engines, Gearing and Bearings-DP	Material - Direct Purchase	Material Entries <\$5,000							-					-			
		Material - Direct Purchase Total								-					-			
	Engines, Gearing and Bearings-DP Total														-			
	Fuels, Chemicals & Petrochem-DP	Material - Direct Purchase	Material Entries <\$5,000								85				85			
		Material - Direct Purchase Total									85				85			
	Fuels, Chemicals & Petrochem-DP Total														85			
	Labor - Other	Labor	Labor Entries <\$5,000	16	2	4,627	(99)	5,028	(12,515)	662	(172)	32	153	1,561	419	(286)		
		T&D Supply Expense							13,326						13,326			
	Labor - Other Total			16	2	4,627	(99)	5,028	811	662	(172)	32	153	1,561	419	13,039		
	Line Switches & Switchgear-DP	Material - Direct Purchase	Material Entries <\$5,000							-					-			
		Material - Direct Purchase Total								-					-			
	Line Switches & Switchgear-DP Total														-			
	Material - Inventory	Material	Breakers - Circuit-IN											63		(736)		
			Building, Shop & Industrial Products/Eq					(1,219)	420							907		
			Cabinets, Panels and Switchboards-IN						907							1,351		
			Communication Systems and Equipment -IN						1,351									
			Electric Wiring and Components-IN	167		(300)			56,924			(3,075)			2,515		56,231	
			Mechanical Systems and Components-IN							-					6		6	
			Metals & Fabricated Metal Products-IN					(27)	300						5,191		5,465	
			Meters, Monitor and Warnings-IN							-						-		
			Pipe/Tubing, Fittings and Gaskets-IN						400						4,739		5,139	
			Pole Line Hdwe & Connectors-IN						30						2,540		2,570	
			Protection and Test-IN						47							47		
			Transformers - Power Substation-IN							-							-	

Pin: 6420
Order: 901453925

Project: West of Devers
901453925 - San Bernardino : Install Disconnects

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
			Transformers CT/PT/INSTR-IN													-	
			Wire, Cable & Bus Bar-IN													5,191	
		Material Total														2,011	
		Material - Inventory Total			167	(300)	(1,245)		3,177	-						2	
		Material - Other	Material	Material Sales Tax Expense	167	(300)	(1,245)	63,557	-		(3,075)					76,171	
			Special Transport					63,557	-		(3,075)					17,065	
			TDBU B-Items					5,682	716	659		(184)	151	1,703	2	17,065	
					1	(0)	53	(2)	67	(2)		(1)	0	1	(5)	2,363	
		Material - Other Total	Material Total		13	(24)	3,507	(2)	5,983	1,886	1,382	(1)	892	152	1,697	12,707	
		Material Handling Services	Contract	Contract Entries <\$50,000												110	
			Contract Total													(0)	
		Material Handling Services Total														(0)	
		Metals & Fabricated Metal Products-DP	Material - Direct Purchase	Material Entries <\$5,000												26	
			Material - Direct Purchase Total													26	
		Metals & Fabricated Metal Products-DP Total														26	
		Meters, Monitor and Warnings-DP	Material - Direct Purchase	Material Entries <\$5,000												9	
			Material - Direct Purchase Total													9	
		Meters, Monitor and Warnings-DP Total														9	
		Other Consumables-DP	Material - Direct Purchase	Material Entries <\$5,000												898	
			Material - Direct Purchase Total													898	
		Other Consumables-DP Total														898	
		Pipe/Tubing, Fittings and Gaskets-DP	Material - Direct Purchase	Material Entries <\$5,000												416	
			Material - Direct Purchase Total													416	
		Pipe/Tubing, Fittings and Gaskets-DP Total														416	
		Pole Line Hdwe & Connectors-DP	Material - Direct Purchase	Material Entries <\$5,000												6,432	
			Material - Direct Purchase Total													6,432	
		Pole Line Hdwe & Connectors-DP Total														6,432	
		Power Systems, Batteries and Light-DP	Material - Direct Purchase	Material Entries <\$5,000												4,017	
			Material - Direct Purchase Total													4,017	
		Power Systems, Batteries and Light-DP Total														4,017	
		Power Systems, Batteries and Light-IN	Material	Material Entries <\$5,000												1,131	
			Material Total													1,131	
		Power Systems, Batteries and Light-IN Total														1,131	
		Steel / Fabricated / Structural-DP	Material - Direct Purchase	Material Entries <\$5,000												3,822	
			Steel / Fabricated / Structural-DP	Steel / Fabricated / Structural-DP												44,537	
		Steel / Fabricated / Structural-DP Total	Material - Direct Purchase Total													48,360	
		Steel / Fabricated / Structural-DP Total														48,360	
		Transducers and Inverters-DP	Material - Direct Purchase	Material Entries <\$5,000												-	
			Material - Direct Purchase Total													-	
		Transducers and Inverters-DP Total														-	
		Transportation & Mobile Equip-DP	Material - Direct Purchase	Material Entries <\$5,000												-	
			Material - Direct Purchase Total													-	
		Transportation & Mobile Equip-DP Total														-	
		Wire, Cable & Bus Bar-DP	Material - Direct Purchase	Material Entries <\$5,000												3,084	
			Material - Direct Purchase Total													3,084	
		Wire, Cable & Bus Bar-DP Total														3,084	
2. Material Total					197	(322)	52,691	(1,347)	84,321	12,466	10,548	(2,544)	1,286	2,255	25,231	11,252	196,034
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000		3,138	686	823			3,218	1,912	3,480	704	2,941	768	27,087	44,758
		Contract Total			3,138	686	823			3,218	1,912	3,480	704	2,941	768	27,087	44,758
	Construction Management Services Total				3,138	686	823			3,218	1,912	3,480	704	2,941	768	27,087	44,758
	Construction, Pipeline & Sewer	Contract	Contract Entries <\$50,000													1,035	
		Contract Total														1,035	
	Construction, Pipeline & Sewer Total															1,035	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000													129	
		Labor Total														129	
	ELEC SYS PLANNING Total															129	
	Electrical Construction, Transmission Li	Contract	Contract Entries <\$50,000													77,510	
		Contract Total														77,510	
	Electrical Construction, Transmission Li Total															77,510	
	GRID OPS	Labor	Labor Entries <\$5,000													10,025	
		Labor Total														10,025	
	GRID OPS Total															10,025	
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000	SUBSTATION SPECIALISTS												431	
		Contract Total														431	
	Major Construction, Turnkey, Trans/Subs Total															223,500	
	SC&M	Labor	Labor Entries <\$5,000		1,408	1,603	12,041	25,778	38,216	25,622	37,602	6,715	1,368	3,696	223,931	223,931	
		SC&M / Sub Stn Elect							20,391	9,601						223,931	
	SC&M Total				1,408	1,603	12,041	25,778	58,607	25,622	47,203	6,715	1,368	3,696	17,358	201,399	
	Short Term Equipment Rent	Contract	Contract Entries <\$50,000		540	270	540	270	4,551	4,199	270	3,189	270	270	270	201,399	
		Contract Total			540	270	540	270	4,551	4,199	270	3,189	270	270	270	14,909	
	Short Term Equipment Rent Total				540	270	540	270	4,551	4,199	270	3,189	270	270	270	14,909	
	TRANSMISSION	Labor	Labor Entries <\$5,000						193		8,130	3,733	2,500			14,555	
		Labor Total							193		8,130	3,733	2,500			14,555	

Pin: 6420
 Order: 901453925

Project: West of Devers
 901453925 - San Bernardino : Install Disconnects

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	06	07	08	09	10	11	12	
3. Construction Total		TRANSMISSION Total														14,555
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	3,807	2,364	3,159	12,311	26,450	83,992	78,186	85,556	14,468	4,578	4,735	268,646	588,251
			MEP-PE_WOD Execution Self-Performed SCE	196	5,138	3,567	4,446	4,126	2,214	3,026	2,608	2,129	1,759	2,880	7,671	39,761
			Chargeback Total	196	5,138	3,567	4,446	4,126	7,753	3,026	2,608	2,129	1,759	2,880	7,671	5,538
		Labor	Labor Entries <\$5,000	(6)	(16)	2,678	(67)	4,139	(10,484)	647	(126)	19	98	1,316	314	(1,488)
			MATERIAL MANAGEM						10,899							10,899
		Labor Total	(6)	(16)	2,678	(67)	4,139	415	647	(126)	19	98	1,316	314	9,410	
	Chargebacks Total		Division Overhead	190	5,122	6,245	4,379	8,265	8,168	3,673	2,482	2,148	1,857	4,196	7,984	54,709
	Labor - Other	Labor	Labor Entries <\$5,000	3,496	761	5,981	6,086	10,814	59,466	9,711	7,879					20,141
			Paid Absence						7,204	10,887	7,703	6,228				103,076
		Labor Total	3,496	761	5,981	6,086	23,896	34,766	27,267	24,163	5,425	2,200	4,497	3,828	27,410	
				3,496	761	5,981	6,086	23,896	34,766	27,267	24,163	5,425	2,200	4,497	3,828	32,022
	Labor - Other Total															162,508
4. Allocated Total				3,686	5,883	12,226	10,466	32,161	42,934	30,940	26,645	7,572	4,057	8,693	31,954	217,217
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax													23,747
			Capitalized Overhead - A&G	1,580	463	2,857	1,992	6,034	7,008	5,965	3,839	1,099	474	1,523	8,084	33,206
			Capitalized Overhead - Inj & Damages	29	4	58	53	60	(165)	22	49	60	5	8	18	203
			Capitalized Overhead - IT IMM	74	15	140	48	267	111	339	226	17	18	60	395	1,711
			Capitalized Overhead - P&B/Payroll Tax	(555)	3,671	2,192	19,568	33,617	85,244	17,658	37,776	5,598	2,690	4,837	13,539	225,835
	Non Budget - Other Total			1,128	4,151	5,247	31,121	39,978	92,198	23,985	41,891	6,775	3,186	6,429	45,783	301,872
5. Corporate Overhead Total				1,128	4,151	5,247	31,121	39,978	92,198	23,985	41,891	6,775	3,186	6,429	45,783	301,872
				26,998	13,269	81,898	54,631	210,183	272,127	164,535	153,830	38,469	15,533	48,350	367,174	1,446,997
				26,998	13,269	81,898	54,631	210,183	272,127	164,535	153,830	38,469	15,533	48,350	367,174	1,446,997
				26,998	13,269	81,898	54,631	210,183	272,127	164,535	153,830	38,469	15,533	48,350	367,174	1,446,997

Pin: 6420
Order: 901453926

Project: West of Devers
901453926 - Vista Sub: Install Disconnects

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
1. Project Support	As-built updates	Material - Other	As-built updates	0	1	8		83	15	2	20		128				
		Material - Other Total		0	1	8		83	15	2	20		128				
	As-built updates Total			0		1	8		83	15	2	20		128			
	Cleaning / Janitorial Services	Contract	Contract Entries <\$50,000											191	191		
	Cleaning / Janitorial Services Total	Contract Total												191	191		
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000											150	150		
	Contract Consult/Contract Ord to Ord Total	Contract Total												150	150		
	DCM	Labor	Labor Entries <\$5,000	102	403	24		154	265	488					1,436		
	DCM Total	Labor Total		102	403	24		154	265	488					1,436		
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	558		(0)		572	314	151	385				1,981		
	ELEC SYS PLANNING Total	Labor Total		558		(0)		572	314	151	385				1,981		
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000					0						0			
	Engineering/Technical Professional Servi Total	Contract Total						0						0			
	Labor - Other	Labor	Labor Entries <\$5,000	(1,897)	(128)	933	(36)	442	469	0	17	234	285	(535)	(216)		
	Labor - Other Total	Labor Total		(1,897)	(128)	933	(36)	442	469	0	17	234	285	(535)	(216)		
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000					(0)						(0)			
	MAJOR PROJECT ORG Total	Labor Total						(0)						(0)			
	Other	Other	Other					0						2,672	3,211	69	71
	Other Total	Other Total	SODEXO MAGIC FOOD SERVICE											6,023			
	Temporary/Supplementary - Admin/Non-Tech	Contract	Contract Entries <\$50,000											627	1,102		1,729
	Temporary/Supplementary - Admin/Non-Tech Total	Contract Total												3,299	4,313	69	71
	Temporary/Supplementary - Admin/Non-Tech Total													3,299	4,313	69	71
1. Project Support Total				(1,338)	(26)	933	367	451	494	0	743	4,195	5,402	(80)	282	11,421	
2. Material	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Material Entries <\$5,000									78		751		829	
	Building, Shop & Industrial Products/Eqp Total	Material - Direct Purchase Total										78		751		829	
	Building, Shop & Industrial Products/Eqp Total											78		751		829	
	Electric Wiring and Components-DP	Material - Direct Purchase	Material Entries <\$5,000					1,379					2,060			3,440	
	Electric Wiring and Components-DP Total	Material - Direct Purchase Total						1,379					2,060			3,440	
	Electric Wiring and Components-DP Total							1,379					2,060			3,440	
	Labor - Other	Labor	Labor Entries <\$5,000		(75)								(14,437)	1,213	184	71	(13,044)
	Labor - Other Total	Labor Total	T&D Supply Expense					(75)					14,437	1,213	184	71	14,437
	Material - Inventory	Material	Breakers - Circuit-IN					443								443	
	Material - Inventory Total	Building, Shop & Industrial Products/Eqp	Cabinets, Panels and Switchboards-IN											116		116	
	Material - Other	Material	Electric Wiring and Components-IN					191								191	
	Material - Other Total	Material Total	Mechanical Systems and Components-IN					4,333						8,697			13,030
	Material - Other Total		Metals & Fabricated Metal Products-IN					787							787		
	Material - Other Total		Meters, Monitor and Warnings-IN					297						9		306	
	Material - Other Total		Pole Line Hdwe & Connectors-IN											442		442	
	Material - Other Total		Protection and Test-IN											3,476		3,476	
	Material - Other Total		Transformers - Power Substation-IN					176						1,215		1,215	
	Material - Other Total		Transformers CT/PT/INSTR-IN					4,437						277		277	
	Material - Other Total		Wire, Cable & Bus Bar-IN					11						1,202		1,202	
	Material - Other Total	Material Total						10,674						15,436		26,110	
	Material - Other Total		Material Sales Tax Expense					10,674						15,436		26,110	
	Material - Other Total		Special Transport					1,037						1,455		2,562	
	Material - Other Total		TDBU B-Items						313	176				235		1,154	
	Material - Other Total							14						9		24	
	Material - Other Total		Material Total					1,051		313	176			1,690		500	
	Material - Other Total		Material Total											9		3,740	
	Material Handling Services	Contract	Contract Entries <\$50,000											-		-	
	Material Handling Services Total	Contract Total												-		-	
	Metals & Fabricated Metal Products-DP	Material - Direct Purchase	Material Entries <\$5,000					519						40		559	
	Metals & Fabricated Metal Products-DP Total	Material - Direct Purchase Total						519						40		559	
	Metals & Fabricated Metal Products-DP Total							519						40		559	
	Meters, Monitor and Warnings-DP	Material - Direct Purchase	Material Entries <\$5,000					806						806		806	
	Meters, Monitor and Warnings-DP Total	Material - Direct Purchase Total						806						806		806	
	Pole Line Hdwe & Connectors-DP	Material - Direct Purchase	Material Entries <\$5,000											1,153		1,153	
	Pole Line Hdwe & Connectors-DP Total	Material - Direct Purchase Total												1,153		1,153	
	Protection and Test-DP	Material - Direct Purchase	Material Entries <\$5,000											3		3	
	Protection and Test-DP Total	Material - Direct Purchase Total												3		3	

Pin: 6420
Order: 901453926

Project: West of Devers
901453926 - Vista Sub: Install Disconnects

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
	Protection and Test-DP Total										3					3	
	Steel / Fabricated / Structural-DP	Material - Direct Purchase	Material Entries <\$5,000									80					80
		Material - Direct Purchase Total										80					80
	Steel / Fabricated / Structural-DP Total											80					80
	Wire, Cable & Bus Bar-DP	Material - Direct Purchase	Material Entries <\$5,000								5	72					77
		Material - Direct Purchase Total									5	72					77
	Wire, Cable & Bus Bar-DP Total										5	72					77
2. Material Total																	38,191
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	14,355	313	176	-			17,937	3,935	1,475					22,157
		Contract Total			529	1,098	549	-		289			3,143	16,549			
	Construction Management Services Total				529	1,098	549	-		289			3,143	16,549			22,157
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000		529	1,098	549	-		289			3,143	16,549			
		Labor Total															-
	ELEC SYS PLANNING Total																-
	GRID OPS	Labor	GRID OPS / Utilityman Ter									5,472					5,472
			Labor Entries <\$5,000								(0)	1,979	763				2,742
	GRID OPS Total										(0)	7,451	763				8,214
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000			7,072	-				(0)	7,451	763				8,214
		Contract Total				7,072	-									7,072	
	Major Construction, Turnkey, Trans/Subs Total					7,072	-									7,072	
	SC&M	Labor	Labor Entries <\$5,000			0		1,135	22,185	919	167						24,405
		Labor Total				0		1,135	22,185	919	167						24,405
	SC&M Total					0		1,135	22,185	919	167						24,405
	Short Term Equipment Rent	Contract	Contract Entries <\$50,000									1,293	1,551				2,844
		Contract Total										1,293	1,551				2,844
	Short Term Equipment Rent Total																2,844
	TRANSMISSION	Labor	Labor Entries <\$5,000			0	524	1,068	2,275	992							4,858
		Labor Total				0	524	1,068	2,275	992							4,858
	TRANSMISSION Total					0	524	1,068	2,275	992							4,858
3. Construction Total					529	8,170	549	0	2,492	31,911	3,966	4,860	16,549				69,550
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	3,070	1,943	2,691	2,277	3,436	1,163	1,403	1,244	1,018	1,715	2,789			22,750
		Chargeback Total		3,070	1,943	2,691	2,277	3,436	1,163	1,403	1,244	1,018	1,715	2,789			22,750
		Labor	Labor Entries <\$5,000	727				(9,365)		887	109	45					(7,596)
		MATERIAL MANAGEM						9,365									9,365
		Labor Total		727													1,769
	Chargebacks Total			3,797	1,943	2,691	2,277	3,436	1,163	2,290	1,354	1,063	1,715	2,789			24,518
	Labor - Other	Labor	Division Overhead					29,341									29,341
		Labor Entries <\$5,000		252	1,888	46	1,335	54	(29,330)	242	4,006	11,232	2,279	427	1,439		(6,131)
		Paid Absence						(5,539)									5,539
		Labor Total		252	1,888	46	1,335	54	11	242	4,006	16,771	2,279	427	1,439		28,749
	Labor - Other Total			252	1,888	46	1,335	54	11	242	4,006	16,771	2,279	427	1,439		28,749
4. Allocated Total				252	5,685	1,989	4,026	2,331	3,447	1,405	6,296	18,124	3,342	2,142	4,228		53,268
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			6,724											13,201
			Capitalized Overhead - A&G	(66)	1,081	156	798	121	(969)	82	916	2,148	467	254	532		5,521
			Capitalized Overhead - Inj & Damages	8	17	2	6	0	(112)	0	17	177	7	1	1		123
			Capitalized Overhead - IT IMM	(3)	34	8	19	5	(91)	5	54	34	18	10	26		119
			Capitalized Overhead - P&B/Payroll Tax	1,804	619	853	1,358	471	1,019	277	2,607	26,834	2,645	134	42		38,663
		Non Budgeted Total		1,742	1,751	1,019	8,906	598	(154)	364	3,594	29,193	3,136	399	13,802		64,351
	Non Budget - Other Total			1,742	1,751	1,019	8,906	598	(154)	364	3,594	29,193	3,136	399	13,802		64,351
5. Corporate Overhead Total				1,742	21,765	4,783	21,645	3,929	3,787	2,294	31,063	87,358	17,321	7,321	34,860		236,781
				656	21,765	4,783	21,645	3,929	3,787	2,294	31,063	87,358	17,321	7,321	34,860		236,781
				656	21,765	4,783	21,645	3,929	3,787	2,294	31,063	87,358	17,321	7,321	34,860		236,781

Pin: 6420
Order: 901460764

Project: West of Devers
901460764 - Rebuild Devers-El Casco & El Casco-San Bernardino 220kV

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
1. Project Support	Con - Consults/Prof Svcs/Out Ord to Ord	Contract	Contract Entries <\$50,000			453	62	947	5,062	3,800	5,136	5,329	5,102	5,468	31,357		
	Contract Total					453	62	947	5,062	3,800	5,136	5,329	5,102	5,468	31,357		
	Con - Consults/Prof Svcs/Out Ord to Ord Total					453	62	947	5,062	3,800	5,136	5,329	5,102	5,468	31,357		
	Consulting Services	Contract	Contract Entries <\$50,000													5,677	
	Consulting Services Total															5,677	
	Contract Consult/Contract Ord to Ord	Contract	Contract Consult/Contract Ord to Ord	1,520,000	70,212	816,833	3,303,776	7,005,562	3,240,532	1,372,210	3,756,819	4,657,020	4,247,590	11,782,943	7,327,677	49,101,173	
	Contract Total		Contract Entries <\$50,000	35,142	21,863	34,587	47,367	36,737	36,421	31,620	32,012	27,229	27,783	40,229	31,390	402,379	
	Contract Consult/Contract Ord to Ord Total			1,555,142	92,075	851,419	3,351,142	7,042,299	3,276,953	1,403,830	3,788,831	4,684,249	4,275,373	11,823,172	7,359,067	49,503,552	
	DCM	Labor	Labor Entries <\$5,000			1,555,142	92,075	851,419	3,351,142	7,042,299	3,276,953	1,403,830	3,788,831	4,684,249	4,275,373	11,823,172	7,359,067
	DCM Total					914	186			683						49,503,552	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	6,623	11,494	8,057	7,232	12,020	8,286	8,253	12,743	6,589	8,653	11,342	6,888	110,179	
	ELEC SYS PLANNING Total			6,623	11,494	8,057	7,232	12,020	8,386	8,253	13,743	6,589	8,653	11,342	6,888	110,179	
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	7,962	16,272	33,733	4,324	15,023	17,768	3,076			9,392	6,498	4,356	118,404	
	Engineering/Technical Professional Servi Total			7,962	16,272	33,733	4,324	15,023	17,768	3,076			9,392	6,498	4,356	118,404	
	Labor - Other	Labor	ALH-SUBORDER WHIRLWIND SUB.	26,505	48,407	57,945	52,559	68,187	65,824	49,540	60,571	48,558	58,245	60,556	51,065	647,963	
	Labor - Other Total		Labor Entries <\$5,000	(199,775)	8,452	(41,178)	(6,788)	(4,015,135)	(2,075,782)	9,885	(12,060)	(764,165)	(24,704)	(4,042,668)	(78,639)	(11,243,096)	
	West of Devers - Field - Construction Ma		West of Devers - General (MPO Execution	33,498	7,474	7,161	6,258	12,194	10,084	14,296	13,694	14,525	17,631	22,729	157,543		
	West of Devers - Transmission (220kV)-I			12,377	20,017	19,581	8,672	20,740	5,588	6,772	8,067	14,586	17,005	7,052		140,458	
	WOD - Environmental EPC				3,081,082	4,112,909				1,873,670	1,326,776			6,790,237		18,672,364	
	WOD - TDBU LICENSING				255,444	386,815			306,759	273,668	210,223	155,131				1,588,041	
					5,355										9,348	14,702	
	Labor Total			(160,892)	113,728	3,379,810	4,561,328	(3,919,950)	(1,685,418)	2,223,620	1,607,873	(532,197)	6,855,308	(3,957,429)	1,492,193	9,977,975	
	Legal Professional Services (OC & Atty's)	Contract	Contract Entries <\$50,000	(160,892)	113,728	3,379,810	4,561,328	(3,919,950)	(1,685,418)	2,223,620	1,607,873	(532,197)	6,855,308	(3,957,429)	1,492,193	9,977,975	
	Legal Professional Services (OC & Atty's) Total															3,054	
	Other	Other	Other	(1,418,930)	730,769	(674,685)	501,284	(136,700)	1,495,842	528,766	2,774,914	3,694,197	2,769,887	(5,820,877)	(2,191,490)	2,252,976	
	Other Total			(1,418,930)	730,769	(674,685)	501,284	(136,700)	1,495,842	528,766	2,774,914	3,694,197	2,769,887	(5,820,877)	(2,191,490)	2,252,976	
	SC&M	Labor	Labor Entries <\$5,000						188							432	
	SC&M Total								188							432	
	TRANSMISSION	Labor	Labor Entries <\$5,000						188							432	
	TRANSMISSION Total								188							432	
1. Project Support Total				(9,182)	964,338	3,599,872	8,425,311	3,012,753	3,097,670	4,187,550	8,192,237	7,863,959	13,927,918	2,072,179	6,676,567	62,011,172	
2. Material	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Material Entries <\$5,000						51	37						88	
	Building, Shop & Industrial Products/Eqp Total								51	37						88	
	Labor - Other	Labor	Labor Entries <\$5,000						51	37						88	
	Labor - Other Total								4	3						7	
	Material - Other	Material	Material Direct Purchase Ord to Ord	972		5,134	1,694	1,066	1,334	979	2,043	1,507	76	234		15,039	
	Material - Other Total		Material Sales Tax Expense	972		5,134	1,694	1,070	1,336	979	2,043	1,507	76	234		15,046	
	Material - Other Total		Material Total	972		5,134	1,694	1,070	1,336	979	2,043	1,507	76	234		15,046	
2. Material Total				972		5,134	1,694	1,125	1,377	979	2,043	1,507	76	234		15,141	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000			2,860						362				3,223	
	Construction Management Services Total					2,860						362				3,223	
	Construction, Civil/Structural	Contract	Contract Entries <\$50,000			2,860						362				3,223	
	Construction, Civil/Structural Total					2,860						362				3,223	
	Decontamination & Waste Disposal Service	Contract	Contract Entries <\$50,000			924										924	
	Decontamination & Waste Disposal Service Total					924										924	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000			1,903										1,903	
	ELEC SYS PLANNING Total					1,903										1,903	
	Electrical Construction, Transmission Li	Contract	BARNARD CONSTRUCTION COMPANY, INC.	501,985	524,183	1,776,717	3,608,289	6,336,773	9,710,250	12,302,537	3,782,830	38,543,563					
	Electrical Construction, Transmission Li Total			501,985	524,183	1,776,717	3,608,289	6,336,773	9,710,250	12,302,537	3,782,830	38,543,563					
	GRID OPS	Labor	Labor Entries <\$5,000	1,875	1,923	2,956	5,806	5,524	6,306	11,922	12,411	6,859	9,934	6,422	71,947		
	GRID OPS Total			1,875	1,923	2,956	5,806	5,524	6,306	11,922	12,411	6,859	9,934	6,422	71,947		
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000	11,894		1,875	1,923	2,956	5,806	5,524	6,306	11,922	12,411	6,859	9,934	6,422	
	Major Construction, Turnkey, Trans/Subs Total			11,894		1,875	1,923	2,956	5,806	5,524	6,306	11,922	12,411	6,859	9,934	6,422	
	TRANSMISSION	Labor	Labor Entries <\$5,000	784	3,725	2,848	860	560	527			2,052	241			11,598	
	TRANSMISSION Total			784	3,725	2,848	860	560	527			2,052	241			11,598	
				784	3,725	2,848	860	560	527			2,052	241			11,598	
3. Construction Total				2,659	20,403	3,880	512,541	530,568	1,783,583	3,620,747	6,349,184	9,719,523	12,313,114	3,789,252		38,645,454	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	9,212	17,065	20,105	16,093	24,343	17,701	21,550	14,386	14,909	11,777	7,199		195,546	
	FIP-WOD-220 kV Trans Line Installations			67,725	36,596	16,152	20,315	28,971	13,024	11,535	16,429	15,404	17,287	13,270		270,263	
	MEP-PE_WOD-EnvExec-DooPropjPrjCO SCE				94,872				7,353							13,678	
	MEP-PE_WOD-EnvExec-Mit & Rest SCE				396,675											396,675	
	MEP-PE_WOD-EnvExec-PMB & SCE				145,063	58,949	6,959	97,058	9,946	35,820						143,025	
	PDP-West of Devers - MPO			93,751			9,819									103,570	
	PROCUREMENT TDBU															103,570	
	WOD-TDBU LICENSING			55,051	696,756	167,410	131,598	264,471	431,781	611,229	328,782	85,320	159,916	122,551	247,651	3,302,316	
	WOD-TDBU LICENSING Total			131,988	989,231	754,183	179,968	425,987	486,446	688,218	390,595	170,160	360,199	374,911	2,292,724	7,254,610	
	Chargeback Total		Labor Entries <\$5,000						2	3							

Pin: 6420
Order: 901460764

Project: West of Devers
901460764 - Rebuild Devers-El Casco & El Casco-San Bernardino 220kV

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
		Labor Total						2	3							5	
Chargebacks Total				131,988	989,231	754,183	179,968	435,987	486,449	688,221	390,595	170,160	360,199	374,911	2,292,724	7,254,615	
Labor - Other		Labor	Division Overhead			6,232		74,086	69,105	258,163	647,927	939,129	1,249,876	915,396	390,552	4,550,467	
			Labor Entries <\$5,000	7,095	11,680	12,710	9,794	7,948	6,077	14,781	3,655	8,510	10,398	10,383	2,926	105,958	
			Paid Absence					6,278				5,297					11,574
			West of Devers - Field - Construction Ma	9,116	17,475	28,103	31,072	32,061	33,988	29,302	48,276	35,166	42,417	25,724	28,366	359,974	
			West of Devers - General (MPO Execution	5,236	13,249	13,974	18,680	14,268	10,318	12,077	15,574	15,056	14,123	8,888	6,299	147,740	
			West of Devers - Transmission (220kV)-I	305,331		70,804	540,763	835,732	382,853	105,862	510,457	555,449	485,111	913,284	751,348	5,456,994	
			WOD - Environmental EPC				25,085	43,232	39,009	28,063	67,668	143,081	134,490	77,721	91,087	66,819	716,254
		Labor Total		326,778	42,404	156,907	643,541	1,009,379	529,314	487,853	1,374,267	1,687,799	1,879,647	1,964,761	1,246,310	11,348,962	
			Labor - Other Total	326,778	42,404	156,907	643,541	1,009,379	529,314	487,853	1,374,267	1,687,799	1,879,647	1,964,761	1,246,310	11,348,962	
4. Allocated Total				458,766	1,031,635	911,090	823,509	1,445,366	1,015,763	1,176,074	1,764,863	1,857,959	2,239,846	2,339,673	3,539,034	18,603,577	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			106,701										717,903	824,604
			Capitalized Overhead - A&G	120,358	69,360	216,109	552,944	189,877	117,693	284,524	360,478	457,299	766,214	819,010	409,269	4,264,237	
			Capitalized Overhead - Inj & Damages	(2,580)	720	3,627	9,992	(1,047)	(556)	813	2,043	3,936	4,589	(386)	1,361	22,513	
			Capitalized Overhead - IT/IMM	5,636	2,179	10,614	13,454	8,397	3,913	16,190	21,234	7,209	28,716	32,524	20,001	170,076	
			Capitalized Overhead - P&B/Payroll Tax	52,443	128,189	66,687	103,840	100,031	85,648	37,006	89,242	80,599	78,966	71,349	54,877	948,879	
		Non Budgeted Total		175,856	200,448	297,037	787,941	297,259	206,699	338,534	472,997	549,043	978,587	922,497	1,203,411	6,330,309	
	Non Budget - Other Total			175,856	200,448	297,037	787,941	297,259	206,699	338,534	472,997	549,043	978,587	922,497	1,203,411	6,330,309	
5. Corporate Overhead Total				175,856	200,448	297,037	787,941	297,259	206,699	338,534	472,997	549,043	978,587	922,497	1,203,411	6,330,309	
				625,441	2,200,052	4,828,401	10,045,775	5,269,613	4,851,824	7,487,117	14,051,824	16,622,189	26,767,381	17,647,539	15,208,498	125,605,653	
				625,441	2,200,052	4,828,401	10,045,775	5,269,613	4,851,824	7,487,117	14,051,824	16,622,189	26,767,381	17,647,539	15,208,498	125,605,653	
				625,441	2,200,052	4,828,401	10,045,775	5,269,613	4,851,824	7,487,117	14,051,824	16,622,189	26,767,381	17,647,539	15,208,498	125,605,653	

2018 YTD		
Project	Work Order	Work Order Description
Total		
Whirlwind	901307713	Whirlwind 3rd AA bank and SPS
	901368041	Install N60 relays to add generation to Whirlwind AA Bank SPS
Grand Total		40,164

Pin: 7650 Project: Whirlwind
Order: 901307713 - Whirlwind 3rd AA bank and SPS

SubCategory	Prime	Group	Detail	Month									
				01	02	03	05	06	07	08	11	Grand Total	
1. Project Support	As-built updates	Material - Other	As-built updates				29				0	29	
		Material - Other Total					29				0	29	
	As-built updates Total						29				0	29	
	Cleaning / Janitorial Services	Contract	Contract Entries <\$50,000							126	126	251	
	Cleaning / Janitorial Services Total	Contract Total								126	126	251	
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	6,491	6,762	6,104	6,104	12,866	(31,564)			6,762	
	Contract Consult/Contract Ord to Ord Total	Contract Total		6,491	6,762	6,104	6,104	12,866	(31,564)			6,762	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	2,167								2,167	
	ELEC SYS PLANNING Total	Labor Total		2,167								2,167	
	Labor - Other	Labor	Labor Entries <\$5,000	427	(422)							5	
	Labor - Other Total	Labor Total		427	(422)							5	
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000			367						367	
	MAJOR PROJECT ORG Total	Labor Total				367						367	
	Other	Other	Other							(168)		(168)	
	Other Total	Other Total								(168)		(168)	
1. Project Support Total				9,084	6,340	6,471	6,133	12,866	(31,732)	126	126	9,414	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000							1	2	2	
	Chargebacks Total	Chargeback Total								1	2	2	
	Labor - Other	Labor	Labor Entries <\$5,000	1,195	(147)	202	40	85	(208)	20	11	1,198	
	Labor - Other Total	Labor Total		1,195	(147)	202	40	85	(208)	20	11	1,198	
4. Allocated Total				1,195	(147)	202	40	85	(208)	20	11	1,198	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	628	334	277	224	483	(1,362)	5	5	595	
			Capitalized Overhead - Inj & Damages	(28)	(1)	1	0	0	(0)	0		(28)	
			Capitalized Overhead - IT IMM	29	11	14	10	16	(78)	0	0	2	
			Capitalized Overhead - P&B/Payroll Tax	1,774	(605)	262							1,431
	Non Budget - Other Total	Non Budgeted Total		2,404	(261)	553	234	499	(1,440)	5	5	2,001	
5. Corporate Overhead Total				2,404	(261)	553	234	499	(1,440)	5	5	2,001	
				12,684	5,932	7,226	6,408	13,450	(33,380)	152	144	12,615	
				12,684	5,932	7,226	6,408	13,450	(33,380)	152	144	12,615	
				12,684	5,932	7,226	6,408	13,450	(33,380)	152	144	12,615	

Pin: 7695
Order: 901368041

Project: Whirlwind
901368041 - Install N60 relays to add generation to Whirlwind AA Bank SPS

SubCategory	Prime	Group	Detail	Month												Grand Total	
				02	03	04	05	06	07	08	09	10	11				
1. Project Support	As-built updates	Material - Other	As-built updates			0	1				5	8	(0)	14			14
		Material - Other Total				0	1				5	8	(0)	14			14
	As-built updates Total					0	1				5	8	(0)	14			14
	DCM	Labor	Labor Entries <\$5,000		231												231
		Labor Total			231												231
	DCM Total				231												231
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000					192									192
		Labor Total					192										192
	ELEC SYS PLANNING Total							192									192
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000						2,985								2,985
		Contract Total						2,985									2,985
	Engineering/Technical Professional Servi Total								2,985								2,985
	Labor - Other	Labor	ALH-SUBORDER WHIRLWIND SUB.								5,889	6,495					12,383
			Labor Entries <\$5,000		74	(74)	246	1,320	0	346	(346)	(2,360)	1,327	(920)			(386)
					74	(74)	246	1,320	0	346	(346)	3,529	7,822	(920)			11,997
	Labor - Other Total				74	(74)	246	1,320	0	346	(346)	3,529	7,822	(920)			11,997
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000						337	76							413
		Labor Total						337	76								413
	MAJOR PROJECT ORG Total							337	76								413
1. Project Support Total					305	(74)	246	1,513	3,322	421	(346)	3,534	7,830	(920)			15,832
3. Construction	SC&M	Labor	Labor Entries <\$5,000							704	213						917
		Labor Total								704	213						917
3. Construction Total										704	213						917
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000						20								20
	Chargebacks Total		Chargeback Total						20								20
	Chargebacks Total																
	Labor - Other	Labor	Labor Entries <\$5,000		138	(33)	0	80	543	521	(111)	3	8	(1)			1,149
		Labor Total			138	(33)	0	80	543	521	(111)	3	8	(1)			1,149
	Labor - Other Total				138	(33)	0	80	543	521	(111)	3	8	(1)			1,149
4. Allocated Total					138	(33)	0	80	563	521	(111)	3	8	(1)			1,169
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G		24	(4)	15	58	145	70	(8)	131	260	(33)			657
			Capitalized Overhead - Inj & Damages		0	(0)	0	1	1	0	(0)	11	4	(0)			17
			Capitalized Overhead - IT IMM		1	(0)	0	3	5	4	(0)	2	10	(1)			22
			Capitalized Overhead - P&B/Payroll Tax		438	(53)	231	996	383	469	(144)	2,467	4,672	(524)			8,935
	Non Budgeted Total				463	(57)	247	1,058	534	544	(153)	2,610	4,945	(559)			9,631
	Non Budget - Other Total				463	(57)	247	1,058	534	544	(153)	2,610	4,945	(559)			9,631
5. Corporate Overhead Total					463	(57)	247	1,058	534	544	(153)	2,610	4,945	(559)			9,631
					906	(164)	494	2,651	4,419	2,190	(397)	6,147	12,783	(1,480)			27,549
					906	(164)	494	2,651	4,419	2,190	(397)	6,147	12,783	(1,480)			27,549
					906	(164)	494	2,651	4,419	2,190	(397)	6,147	12,783	(1,480)			27,549

2018 YTD			Total
Project	Work Order	Work Order Description	
South of	900295954	Jasper: LGIA Engineer and co	335,724
Grand Total			335,724

Pin: 6902 Project: South of Kramer
 Order: 900295954 - Jasper: LGIA Engineer and construct a new interconnection facility

SubCategory	Prime	Group	Detail	Month												
				01	02	03	04	05	06	07	08	09	10	11	12	Grand Total
1. Project Support	As-built updates	Material - Other	As-built updates	0	1	3				28	18	5	14	68		68
		Material - Other Total		0	1	3				28	18	5	14	68		68
	As-built updates Total			0	1	3				28	18	5	14	68		68
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000				74	74		74	74		74	37		260
		Contract Total					74	74		74	74		74	37		260
	Contract Consult/Contract Ord to Ord Total						74	74		74	74		74	37		260
	DCM	Labor	Labor Entries <\$5,000	348									55	443	1,415	2,261
		Labor Total		348									55	443	1,415	2,261
	DCM Total			348									55	443	1,415	2,261
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	2,794	2,544	2,770	1,656	9,129	1,434	3,552	11,580	8,955	9,001	13,834	9,469	76,718
		Labor Total		2,794	2,544	2,770	1,656	9,129	1,434	3,552	11,580	8,955	9,001	13,834	9,469	76,718
	ELEC SYS PLANNING Total			2,794	2,544	2,770	1,656	9,129	1,434	3,552	11,580	8,955	9,001	13,834	9,469	76,718
	Labor - Other	Labor	Labor Entries <\$5,000	732	1,142	(74)	601	10,403	(6,605)	1,394	484	290	2,038	510	1,102	12,017
		Labor Total		732	1,142	(74)	601	10,403	(6,605)	1,394	484	290	2,038	510	1,102	12,017
	Labor - Other Total			732	1,142	(74)	601	10,403	(6,605)	1,394	484	290	2,038	510	1,102	12,017
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000				1,731	1,344								3,076
		Labor Total					1,731	1,344								3,076
	MAJOR PROJECT ORG Total						1,731	1,344								3,076
	Other	Other	Other	2,852	(2,704)	1,521	-	(845)	2,113	(2,113)	(507)	(1,521)			60	(1,144)
		Other Total		2,852	(2,704)	1,521	-	(845)	2,113	(2,113)	(507)	(1,521)			60	(1,144)
	Other Total			2,852	(2,704)	1,521	-	(845)	2,113	(2,113)	(507)	(1,521)			60	(1,144)
1. Project Support Total				6,726	982	4,217	2,257	20,496	(1,640)	2,834	11,557	7,826	11,150	14,793	12,059	93,256
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	1,969	5,175	2,416	6,370	4,887	4,536	5,183	4,890	2,683	708	1,084	882	40,782
		Contract Total		1,969	5,175	2,416	6,370	4,887	4,536	5,183	4,890	2,683	708	1,084	882	40,782
	Construction Management Services Total			1,969	5,175	2,416	6,370	4,887	4,536	5,183	4,890	2,683	708	1,084	882	40,782
3. Construction Total				1,969	5,175	2,416	6,370	4,887	4,536	5,183	4,890	2,683	708	1,084	882	40,782
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	946	3,476	3,276	1,800	4,422	2,349	2,669	2,002	1,949	522	2,466	449	26,327
		Chargeback Total		946	3,476	3,276	1,800	4,422	2,349	2,669	2,002	1,949	522	2,466	449	26,327
	Chargebacks Total			946	3,476	3,276	1,800	4,422	2,349	2,669	2,002	1,949	522	2,466	449	26,327
	Labor - Other	Labor	Labor Entries <\$5,000	1,849	2,118	1,358	1,740	8,037	(904)	2,689	6,180	5,401	4,991	5,688	1,004	40,150
		Labor Total		1,849	2,118	1,358	1,740	8,037	(904)	2,689	6,180	5,401	4,991	5,688	1,004	40,150
	Labor - Other Total			1,849	2,118	1,358	1,740	8,037	(904)	2,689	6,180	5,401	4,991	5,688	1,004	40,150
4. Allocated Total				2,795	5,594	4,633	3,540	12,459	1,445	5,358	8,183	7,350	5,513	8,154	1,453	66,477
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax				14,077									25,731
			Capitalized Overhead - A&G	528	780	404	763	1,407	83	660	839	716	576	873	364	39,808
			Capitalized Overhead - Inj & Damages	(49)	9	6	11	13	(2)	2	13	52	9	5	4	74
			Capitalized Overhead - IT IMM	25	25	20	19	62	3	38	49	11	22	35	18	325
			Capitalized Overhead - P&B/Payroll Tax	3,125	9,023	3,752	4,133	18,915	(2,097)	2,875	11,285	9,259	8,349	11,489	6,869	86,978
		Non Budgeted Total		3,628	9,838	4,183	19,001	20,397	(2,012)	3,576	12,187	10,038	8,954	12,401	32,986	135,176
	Non Budget - Other Total			3,628	9,838	4,183	19,001	20,397	(2,012)	3,576	12,187	10,038	8,954	12,401	32,986	135,176
5. Corporate Overhead Total				3,628	9,838	4,183	19,001	20,397	(2,012)	3,576	12,187	10,038	8,954	12,401	32,986	135,176
				15,118	21,589	15,449	31,168	58,238	2,329	16,951	36,817	27,896	26,325	36,432	47,379	335,691
				15,118	21,589	15,449	31,168	58,238	2,329	16,951	36,817	27,896	26,325	36,432	47,379	335,691
				15,118	21,589	15,449	31,168	58,238	2,329	16,951	36,817	27,896	26,325	36,432	47,379	335,691

Work Order	WO Description	Project	Order proj	Values		
				2018 YTD	FERC Dollars	
900959223	Mesa Substation: Upgrade Mesa from a 230	7555	Mesa	140,471,487	71,275,233	Mesa Substation: Upgrade Mesa from a 230
901192480	Laguna Bell: Replace (4) 230 kV CBs	7555	Mesa	647,668	647,668	Laguna Bell: Replace (4) 230 kV CBs
901192481	Lighthipe:Replace (2) 230kV CBs&disconct	7555	Mesa	43,843	43,843	Lighthipe:Replace (2) 230kV CBs&disconct
901192483	Rio Honda Sub: Upgrade/Update Protection	7555	Mesa	75,889	75,889	Rio Honda Sub: Upgrade/Update Protection
901197441	Mesa Area Phase2: Relocate various lines	7555	Mesa	977,351	977,351	Mesa Area Phase2: Relocate various lines
901560422	Mesa Area Phase1:Form LB-Mesa2&Mesa-RH2	7555	Mesa	1,119,859	1,119,859	Mesa Area Phase1:Form LB-Mesa2&Mesa-RH2
901564026	Center Sub:Replic 3 GE relays	7555	Mesa	71,993	71,993	Center Sub:Replic 3 GE relays
901564029	Redondo Sub: Replic 1 SEL-311L relay.	7555	Mesa	266,031	266,031	Redondo Sub: Replic 1 SEL-311L relay.
901777019	Mesa: SCE 50% MWD Water Line Relocation	7555	Mesa	2,964,121	2,134,167	Mesa: SCE 50% MWD Water Line Relocation
902124387	Goodrich-Mesa: Install 1000ft cndctr	7555	Mesa	5,224	5,224	Goodrich-Mesa: Install 1000ft cndctr
902124390	Lighthipe-Mesa: Install 3 strcts+cnd	7555	Mesa	1,645,511	1,645,511	Lighthipe-Mesa: Install 3 strcts+cnd
902124395	Mesa-Rio Hondo2: Install 3000ft cndctr	7555	Mesa	2,666	2,666	Mesa-Rio Hondo2: Install 3000ft cndctr
902124396	Mesa-Vincent1: Install 2 strcts+cndctr	7555	Mesa	881,256	881,256	Mesa-Vincent1: Install 2 strcts+cndctr
902124398	Mesa-Vincent2: Install 2 strcts+cndctr	7555	Mesa	558,559	558,559	Mesa-Vincent2: Install 2 strcts+cndctr
902124580	Mesa-Walnut: Install	7555	Mesa	197,708	197,708	Mesa-Walnut: Install
902124582	Redondo-Vincent:Inst	7555	Mesa	260,502	260,502	Redondo-Vincent:Inst
902132965	Goodrich-Laguna Bell: Install 1500ft cnd	7555	Mesa	262,476	262,476	Goodrich-Laguna Bell: Install 1500ft cnd
902132967	LagunaBell-RioHondo:	7555	Mesa	1,645,403	1,645,403	LagunaBell-RioHondo:
902178838	Mesa: Upgrade to a 500/230/66/16kV sub	7555	Mesa	1,004,285	1,004,285	Mesa: Upgrade to a 500/230/66/16kV sub
902124389	Laguna Bell-Mesa2: I	7555	Mesa	317,062	317,062	Laguna Bell-Mesa2: I
902124394	Mesa-Rio Hondo #1 220kV: Install 48structures and 3000 ckt ft of co	7555	Mesa	511,596	511,596	Mesa-Rio Hondo #1 220kV: Install 48structures and 3000 ckt ft of conductor
902124236	Eagle Rock-Mesa: Ins	7555	Mesa	108,599	108,599	Eagle Rock-Mesa: Ins
902124234	Mesa-Mira Loma: Inst	7555	Mesa	18,473	18,473	Mesa-Mira Loma: Inst
902124388	Laguna Bell-Mesa #1 220kV: Install 2300 cktft of conductor	7555	Mesa	5,774	5,774	Laguna Bell-Mesa #1 220kV: Install 2300 cktft of conductor
Grand Total				154,063,338	84,037,129	

Pin: 7555 **Project: Mesa**
Order: 900959223 900959223 - Mesa Substation: Upgrade Mesa from a 230

SubCategory	Prime	Group	Detail	Month																							
				01	02	03	04	05	06	07	08	09	10	11	12	Grand Total											
1. Project Support	As-built updates	Material - Other	As-built updates	2	1	127	146			5,562	10,853	1,135	5,357	22,982													
		Material - Other Total		2	1	127	146			5,562	10,853	1,135	5,357	22,982													
	As-built updates Total				2	1	127	146			5,562	10,853	1,135	5,357	22,982												
Cleaning / Janitorial Services	Contract	Contract	Contract Entries <\$50,000							274	274	274	274	338	1,432												
	Contract Total									274	274	274	274	338	1,432												
Cleaning / Janitorial Services Total										274	274	274	274	338	1,432												
Con - Consults/Prof Svcs/Out Ord to Ord	Contract	Contract	Con - Consults/Prof Svcs/Out Ord to Ord							50,645					50,645												
	Contract Total		Contract Entries <\$50,000	(4,818)		1,300	1,566	21,549	8,018	10,784	7,541	5,929	14,907	66,778													
Con - Consults/Prof Svcs/Out Ord to Ord Total				(4,818)		1,300	1,566	21,549	58,664	10,784	7,541	5,929	14,907	117,424													
Consultants /Prof Svcs No OH Correction	Contract	Contract Total	Contract Entries <\$50,000	(4,818)		1,300	1,566	21,549	58,664	10,784	7,541	5,929	117,424														
Consultants /Prof Svcs No OH Correction Total													21,459	21,459	21,459												
Contract Consult/Contract Ord to Ord	Contract	Contract	Contract Consult/Contract Ord to Ord							2,828					2,828												
	Contract Total		Contract Entries <\$50,000	31,600	36,562	13,719	32,359	1,815	5,925	4,110	36,701	17,873	15,683	5,729	202,075												
Contract Consult/Contract Ord to Ord Total				31,600	36,562	590,777	57,991	161,814	103,426	485,174	484,960	420,177	365,625	262,673	270,115	3,270,894											
DCM	Labor	Labor	Labor Entries <\$5,000	9,375	13,055	16,234	7,678	10,353	8,829	5,978	8,443	9,588	6,596	8,511	8,264	112,903											
DCM Total		Labor Total		9,375	13,055	16,234	7,678	10,353	8,829	5,978	8,443	9,588	6,596	8,511	8,264	112,903											
ELEC SYS PLANNING	Labor	ELEC SYS PLANNING / Mgr-Prj/Prod	Labor Entries <\$5,000	17,747	20,677	30,768	28,460	27,778	27,896	22,265	27,093	20,508	15,364	19,265	15,388	273,209											
	Labor Total			17,747	20,677	30,768	28,460	27,778	27,896	22,265	27,093	20,508	18,193	19,265	15,388	276,038											
ELEC SYS PLANNING Total				17,747	20,677	30,768	28,460	27,778	27,896	22,265	27,093	20,508	18,193	19,265	15,388	276,038											
Engineering/Technical Professional Servl	Contract	BLACK & VEATCH CORP	Contract Entries <\$50,000	162,407						15,854	1,104	7,001	3,680	16,539	2,964	6,941	(484)										
	Contract Total		Electrical Power Products Inc	6,058	10,460	(28,159)	(42,927)								104,449	104,449											
Engineering/Technical Professional Servl Total			NINYO & MOORE	188,083		286,698	49,806	193,728							37,568	908,710											
HRealProp	Labor	Labor Entries <\$5,000	168,465	198,542	(28,159)	269,141	65,660	250,412	61,774	91,523	131,461	64,632	148,959	1,422,409													
HRealProp Total		Labor Total		168,465	198,542	(28,159)	269,141	65,660	250,412	61,774	91,523	131,461	64,632	148,959	1,422,409												
Information System Professional Services	Contract	Contract Entries <\$50,000		63		718							512	161	673	673											
	Contract Total			63		718							512	161	673	673											
Information System Professional Services Total				63		718							512	161	673	673											
Labor - Other	Labor	ALH-SUBORDER WHIRLWIND SUB.	12,917	17,723	22,116	15,296	18,590	17,574	14,990	19,256	16,906	23,257	18,648	12,576	209,850												
	Labor Total		Labor Correction	2,491	3,954	18,024	26,550	63,747	130,692	(107,830)	10,359	20,584	44,951	3,190	95,660	368,372											
Labor - Other Total			Labor Entries <\$5,000	2,491	3,954	18,024	26,550	63,747	130,692	(107,830)	10,359	20,584	44,951	3,190	95,660	368,372											
MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	192	236	185	291	208	390	173	208	286	201	194	2,563													
MAJOR PROJECT ORG Total		Labor Total		192	236	185	291	208	390	173	208	286	201	194	2,563												
Other	Other	Other	WEF-0755-01-01-02-MPO Execution Staff	1,805,160	338,611	223,630	940,057	(1,420,565)	(254,528)	553	3,926,437	(4,097,226)	1,143,213	(1,000,603)	2,454,735	4,062,333											
	Other Total		SODEXO MAGIC FOOD SERVICE	340	39	299	1,385	2,501	3,249	5,601	4,260	1,912	2,469	1,359	2,342												
Other Total			WOD - TDBU LICENSING	1,805,509	338,650	223,928	940,057	(1,419,180)	(252,027)	3,802	3,935,038	(4,093,066)	1,145,125	(998,106)	2,456,094	4,065,825											
Temporary/Supplemental No OH Correction	Contract	Contract	Contract Entries <\$50,000	1,805,509	338,650	223,928	940,057	(1,419,180)	(252,027)	3,802	3,935,038	(4,093,066)	1,145,125	(998,106)	2,456,094	4,065,825											
Temporary/Supplemental No OH Correction Total													271	271	271												
Temporary/Supplementary - Admin/Non-Tech	Contract	Contract	Contract Entries <\$50,000	289	386	482	386	72	388	97	97	97	97	97	2,293	2,293											
	Contract Total			289	386	482	386	72	388	97	97	97	97	97	2,293	2,293											
Temporary/Supplementary - Admin/Non-Tech Total				289	386	482	386	72	388	97	97	97	97	97	2,293	2,293											
TRANSMISSION	Labor	Labor Entries <\$5,000	74	405	526	4,369	3,082	2,248	4,297	3,997	476	1,089	3,254	2,3817													
	Labor Total			74	405	526	4,369	3,082	2,248	4,297	3,997	476	1,089	3,254	2,3817												
TRANSMISSION Total				74	405	526	4,369	3,082	2,248	4,297	3,997	476	1,089	3,254	2,3817												
1. Project Support Total				2,055,669	643,383	852,645	1,333,224	(1,085,032)	274,653	495,505	4,621,370	(3,469,888)	1,664,192	(674,309)	3,018,626	9,730,038											
2. Material	Breakers - Circuit-DP	Material - Direct Purchase	Breakers - Circuit-DP	344,659		218,539	1,068,521	40,723		644,017	751,678	644,296			3,712,434												
			Material Entries <\$5,000			1,410	(463,110)			201		(107,383)			(568,881)												
		Material - Direct Purchase Total	Mitsubishi Electric Power Prod	9,737	31,804	803,316	40,163			107,383		375,700			214,765	2,012,398											
				9,737	376,463	803,316	219,949	645,575	40,723		751,601		1,127,378			214,765	5,155,951										
		Breakers - Circuit-DP Total	Building, Shop & Industrial Products/Eqp	9,737	376,463	803,316	219,949	645,575	40,723		751,601		1,127,378			214,765	5,155,951										
			JENSEN PRECAST		21,786		20,675	47,464	44,277		94,579					228,781											
			Material Entries <\$5,000	1,638	251	3,884	1,208	6,201	877	(30,944)	1,321	1,630	2,360	279	666	35,809											
		Material - Direct Purchase Total		1,638	25,987	3,884	21,883	53,665	77,013	63,635	1,321	1,630	2,360	279	666	253,962											
			Cabinets, Panels and Switchboards-DP	107,048	67,600	170,798										345,446											
			Material - Direct Purchase				(11,867)	306	106							(11,455)											
			Material Entries <\$5,000	107,048	67,600	158,931	906	106							333,691												
			Cabinets, Panels and Switchboards-DP Total				107,048	67,600	158,931	906	106					362,543											
			Capacitors and Regulators-DP				107,048	60,724	30,240	86,894						28,960											
			Capacitors and Regulators-DP Total					107,048	60,724	30,240	86,894					117,334											
			Electric Wiring and Components-DP					107,048	60,724	30,240	86,894					1,224											
			Electric Wiring and Components-DP Total						107,048	60,724	30,240	86,894					488,830										
			GE GRID SOLUTIONS LLC						107,048	60,724	30,240	86,894					1,224										
			GE GRID SOLUTIONS LLC Total							107,048	60,724	30,240	86,894					488,830									
			ONE SOURCE SUPPLY SOLUTIONS LL							107,048	60,724	30,240	86,894					1,224									
			ONE SOURCE SUPPLY SOLUTIONS LL Total								107,048	60,724	30,240	86,894					488,830								
			Material - Direct Purchase Total								107,048	60,724	30,240	86,894					1,224								
			Material - Direct Purchase									107,048	60,724	30,240	86,894					488,830							
			Material Entries <\$5,000										107,048	60,724	30,240	86,894					488,830						
			Capacitors and Regulators-DP Total											107,048	60,724	30,240	86,894					488,830					
			Electric Wiring and Components-DP Total												107,048	60,724	30,240	86,894					488,830				
			Engines, Gearing and Bearings-DP												107,048	60,724	30,240	86,894					488,830				
			Engines, Gearing and Bearings-DP Total													107,048	60,724	30,240	86,894					488,830			
			Material - Direct Purchase													107,048	60,724	30,240	86,894					488,830			
			Material Entries <\$5,000														107,048	60,724	30,240	86,894					488,830		

Pin: 7555 **Project: Mesa**
Order: 900959223 900959223 - Mesa Substation: Upgrade Mesa from a 230

Pin: 7555 Project: Mesa
Order: 900959223 900959223 - Mesa Substation: Upgrade Mesa from a 230

SubCategory	Prime	Group	Detail	Month												Grand Total		
				01	02	03	04	05	06	07	08	09	10	11	12			
Steel / Fabricated / Structural-DP Total				12,875	132,988	819,113	6,967	639,762	648,397	296,591	296,591	849	369,748		247	3,224,129		
Steel Lattice Towers (T/S)-DP		Material - Direct Purchase	ROHR STEEL, INC.	14,387													14,387	
			Steel Lattice Towers (T/S)-DP		41,975	8,365											50,340	
					56,362	8,365											64,727	
Steel Lattice Towers (T/S)-DP Total					56,362	8,365											64,727	
Transducers and Inverters-DP		Material - Direct Purchase	ELECTRICAL POWER PRODUCTS INC														47,920	
			Material Entries <\$5,000														1,710	
			Transducers and Inverters-DP														161,979	
					1,710												637,900	
Transducers and Inverters-DP Total																	687,510	
Transformers - Power Substation-DP		Material - Direct Purchase	ILIJN ELECTRIC USA INC														161,979	
			Material Entries <\$5,000														687,510	
			Transformers - Power Substation-DP														1,188,838	
Transformers - Power Substation-DP Total																	2,971,877	
Wire, Cable & Bus Bar-DP		Material - Direct Purchase	Material Entries <\$5,000	219	169	513	98	395	680	1,116	150						2,515	
			ONESOURCE SUPPLY SOLUTIONS LLC														3,120	
			Wire, Cable & Bus Bar-DP														3,120	
Wire, Cable & Bus Bar-DP Total																	6,959	
																	60,605	
																	60,605	
2: Material Total				371,485	1,010,093	3,002,822	1,402,142	4,371,712	2,882,933	738,130	2,279,841	2,202,065	1,979,767	69,318	2,423,674		22,733,982	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	6,314	16,948	60,261	23,412	41,730	53,803	4,550	28,580	21,413	59,822	32,751	60,996		410,580	
			FIP-Mesa Substation: Build new Mesa 230/ PROFESSIONAL SAFETY SOLUTIONS,		28,831		84,648	54,468		50,817	79,439	61,613		38,838			398,654	
					44,857	82,362		43,535	41,236	69,532	37,339	40,833	35,971	43,444	42,479		481,588	
		Contract Total		6,314	90,636	142,623	108,059	139,733	95,039	124,900	145,358	123,858	95,793	115,032	103,475		1,290,821	
Construction Management Services Total																	980	
Construction, Civil/Structural		Contract	Contract Entries <\$50,000	296						685								
			OLSON WAGNER CONSTRUCTION INC		296													
Construction, Civil/Structural Total																	200,896	
Construction, Earthwork		Contract	Contract Entries <\$50,000														(598,832)	
			POWER GRADE INC		1,153,232			2,001,736	2,104,606	716,395				5,644,374			12,210,830	
				1,153,232			2,001,736	2,101,606	716,395				6,345,439			12,318,408		
Construction, Earthwork Total					1,153,232			2,001,736	2,101,606	716,395							12,318,408	
Decontamination & Waste Disposal Service		Contract	Contract Entries <\$50,000	5,279	2,173	1,999	3,564	4,105	4,458	5,077	11,065	8,551					57,619	
			Contract Total		5,279	2,173	1,999	3,564	4,105	4,458	5,077	11,065	8,551				4,130	
Decontamination & Waste Disposal Service Total					5,279	2,173	1,999	3,564	4,105	4,458	5,077	11,065	8,551				57,619	
ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	393	299	464	565	860	1,266	3,220	1,577	(1,178)	988					856	
	Labor Total			393	299	464	565	860	1,266	3,220	1,577	(1,178)	988				10,047	
ELEC SYS PLANNING Total					393	299	464	565	860	1,266	3,220	1,577	(1,178)	988			10,047	
Electrical Services	Contract	CROWN TECHNICAL SYSTEMS			61,546												61,546	
			FIP-Mesa Substation: Build new Mesa 230/														35,076	
Electrical Services Total					61,546												96,623	
GRID OPS	Labor	GRID OPS / Utilityman Ter															3,084	
			Labor Entries <\$5,000	3,226	9,389	9,229	5,775	5,657	13,103	21,176	27,366	18,130	15,775	12,594	24,854		166,275	
				3,226	9,389	9,229	5,775	5,657	13,103	24,536	41,356	22,316	15,775	12,594	24,854		190,894	
GRID OPS Total					3,226	9,389	9,229	5,775	5,657	13,103	24,536	41,356	22,316	15,775	12,594		190,894	
Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000		(1,153,232)				10,983	3,344	17,853	6,825	3,638	3,032	1,819	(1,947,087)		3,501	
			POWER GRADE INC		2,659,540			38,060	1,610,882	1,405,167				5,853,778	1,590,745		(3,049,325)	
Major Construction, Turnkey, Trans/Subs Total					1,506,309			49,043	1,614,226	1,423,020	6,825	3,638	3,032	1,819	3,906,691	1,594,246		10,108,847
SC&M	Labor	Labor Entries <\$5,000	21,404	25,307	30,188	3,372	37,843	37,019	23,333	37,843	26,050	32,988	32,498	19,944			32,793	
			SC&M / Sub Stn Elect		10,272	10,092											33,803	
			SC&M / Technician Test		7,540	12,516	17,277	29,617	61,004	72,599	58,156	16,154	24,717	32,895			33,803	
				21,404	25,307	48,001	45,931	55,120	66,636	73,656	114,705	84,206	49,143	57,215	62,538		693,862	
SC&M Total					21,404	25,307	48,001	45,931	55,120	66,636	73,656	114,705	84,206	49,143	57,215	62,538		693,862
Security / Protection Services	Contract	Contract Entries <\$50,000		14,080	14,014	13,398	13,248	13,443	25,649	14,726	27,939	27,579	25,149	27,485	25,948		242,657	
			Contract Total		14,080	14,014	13,398	13,248	13,443	25,649	14,726	27,939	27,579	25,149	27,485	25,948		242,657
Security / Protection Services Total					14,080	14,014	13,398	13,248	13,443	25,649	14,726	27,939	27,579	25,149	27,485	25,948		242,657
Short Term Equipment Rent	Contract	Contract Entries <\$50,000		12,185	8,976	7,204	19,216	11,757	16,246	23,944	29,247	32,720	36,107	28,829	29,674		256,106	
			Contract Total		12,185	8,976	7,204	19,216	11,757	16,246	23,944	29,247	32,720	36,107	28,829	29,674		256,106
Short Term Equipment Rent Total					12,185	8,976	7,204	19,216	11,757	16,246	23,944	29,247	32,720	36,107	28,829	29,674		256,106
TRANSMISSION	Labor	Labor Entries <\$5,000		1,632	2,209	3,415	3,372	3,263	3,639	3,644	8,223	2,265	1,896	3,975	2,229		39,761	
	Labor Total				1,632	2,209	3,415	3,372	3,263	3,639	3,644	8,223	2,265	1,896	3,975		168	
TRANSMISSION Total																	168	
TSD-HERC - Crane Svcs	Labor	Labor Entries <\$5,000																
	Labor Total																	
TSD-HERC - Crane Svcs Total																		
3. Construction Total				64,809	2,812,545	287,880	284,617	3,849,900	3,750,661	997,006	383,107	303,348	6,579,328	4,240,847	1,952,661		25,506,709	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	9,280	9,809	6,588	6,861	9,570	8,206	4,929	4,965	8,612	5,733	11,586	7,750		93,889	
			FIP-Mesa Substation: Build new Mesa 230/		11,642	8,048	4,767	8,177	10,944	3,785	4,408	6,670	2,677	2,998	3,126	3,193	70,436	
			Mesa Env Exec - Mitigation & Site Rest.														52,434	
			Mesa Env Exec - Monitoring & Surveys		9,636	68,236	73,170	190,336	79,312	5,594	168,829	71,720	6,690	77,933	70,657	147,527	969,641	
			Mesa Env Exec - Project Mgmt & Adm			33,347											36,488	
			Prelim Engg-Licnsing Mesa Sub PIN 7555		10,600	15,261											25,962	
			PROCUREMENT TDBU		2,607	24,785	17,123	11,011	47,782	40,043	10,472	15,201	11,210	104,326	54,072	51,999	990,230	
			Labor Entries <\$5,000		(11,713)	50,125	150,266	64,015	211,418	102,732	47,688	108,961	90,670	84,597	3,413	88,729	1,003,615	
			MATERIAL MANAGEM		(11,713)	50,125	150,266	64,015	211,418	102,732	47,688	108,961	90,670	84,597	3,413	88,729	990,902	
						32,054	176,264	285,260	280,401	350,026	163,501	278,796	207,517	119,859	285,551	142,854	298,799	2,629,882
			Division Overhead		77,027	544,424	320,396	257,662	766,139	861,565	267,393	411,294	350,765	962,371	376,444	365,869	5,5	

Pin: 7555 Project: Mesa
 Order: 900959223 - Mesa Substation: Upgrade Mesa from a 230

SubCategory	Prime	Group	Detail	Month	01	02	03	04	05	06	07	08	09	10	11	12	Grand Total	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax		137,510												503,034	640,544
			AFUDC - Debt/Equity	(64,834)	78,045	282,576	(251,063)	131,387									188,075	
			Capitalized Overhead - A&G	53,391	264,218	190,145	169,992	354,020	308,008	121,566	135,409	136,188	344,483	187,644	142,087	2,407,153		
			Capitalized Overhead - Inj & Damages	(4,631)	1,814	3,250	3,689	2,165	2,717	296	2,100	9,187	1,745	151	871	23,354		
			Capitalized Overhead - IT IMM	2,500	8,300	9,339	4,132	15,656	10,240	6,917	7,976	2,147	12,908	7,452	6,944	94,512		
			Capitalized Overhead - P&B/Payroll Tax	59,172	153,511	88,120	137,254	122,271	139,048	69,358	172,997	138,067	94,865	72,759	75,772	1,323,194		
		Non Budgeted Total			45,597	505,888	573,430	201,515	625,501	460,014	198,137	318,482	297,553	454,001	268,005	728,708	4,676,832	
					45,597	505,888	573,430	201,515	625,501	460,014	198,137	318,482	297,553	454,001	268,005	728,708	4,676,832	
5. Corporate Overhead Total					2,668,321	5,720,830	5,359,617	3,791,475	8,925,861	8,426,698	3,024,725	8,278,927	(138,113)	11,968,028	4,454,246	8,794,617	71,275,233	
					2,668,321	5,720,830	5,359,617	3,791,475	8,925,861	8,426,698	3,024,725	8,278,927	(138,113)	11,968,028	4,454,246	8,794,617	71,275,233	
					2,668,321	5,720,830	5,359,617	3,791,475	8,925,861	8,426,698	3,024,725	8,278,927	(138,113)	11,968,028	4,454,246	8,794,617	71,275,233	

Pin: 7555
 Order: 901192480 Project: Mesa
 901192480 - Laguna Bell: Replace (4) 230 kV CBs

SubCategory	Prime	Group	Detail	Month												
				01	03	04	05	06	07	08	09	10	11	12	Grand Total	
1. Project Support	As-built updates	Material - Other	As-built updates	9	5					44	0	47	4		109	
		Material - Other Total		9	5					44	0	47	4		109	
	As-built updates Total			9	5					44	0	47	4		109	
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000			384	368	140	1,505						2,397	
		Contract Total				384	368	140	1,505						2,397	
	Contract Consult/Contract Ord to Ord Total	Labor	Labor Entries <\$5,000			0									0	
	DCM	Labor Total				0									0	
	DCM Total					0									0	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	354	2,760	2,523	1,864	659	3,297	1,869	238	702			14,266	
		Labor Total		354	2,760	2,523	1,864	659	3,297	1,869	238	702			14,266	
	ELEC SYS PLANNING Total			354	2,760	2,523	1,864	659	3,297	1,869	238	702			14,266	
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000			(0)									(0)	
		Contract Total				(0)									(0)	
	Engineering/Technical Professional Servi Total					(0)									(0)	
	Labor - Other	Labor	Labor Entries <\$5,000		275	525	(760)	718	(644)	65	(178)		378		378	
		Labor Total			275	525	(760)	718	(644)	65	(178)		378		378	
	Labor - Other Total				275	525	(760)	718	(644)	65	(178)		378		378	
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000		(0)	410	35	390							835	
		Labor Total			(0)	410	35	390							835	
	MAJOR PROJECT ORG Total				(0)	410	35	390							835	
	Other	Other	Other		-	19	26	2,770	(2,703)	79					190	
		Other Total	SODEXO MAGIC FOOD SERVICE		-	19	26	2,770	(2,703)	79					190	
	Other Total				-	19	26	2,770	(2,703)	79					190	
	Temporary/Supplementary - Admin/Non-Tech	Contract	Contract Entries <\$50,000			(0)									(0)	
		Contract Total				(0)									(0)	
	Temporary/Supplementary - Admin/Non-Tech Total					(0)									(0)	
	TRANSMISSION	Labor	Labor Entries <\$5,000			848									848	
		Labor Total				848									848	
	TRANSMISSION Total					848									848	
1. Project Support Total				354	3,044	4,311	1,541	2,160	5,563	778	140	749	382		19,022	
2. Material	Building, Shop & Industrial Products/Eqp	Material - Direct Purchase	Material Entries <\$5,000			1,958										1,958
		Material - Direct Purchase Total				1,958									1,958	
	Building, Shop & Industrial Products/Eqp Total					1,958									1,958	
	Electric Wiring and Components-DP	Material - Direct Purchase	Electric Wiring and Components-DP							12,060						12,060
		Material - Direct Purchase	Material Entries <\$5,000			1,653				3,520						5,173
		ONE SOURCE SUPPLY SOLUTIONS LL				20,777									20,777	
	Electric Wiring and Components-DP Total	Material - Direct Purchase Total				22,430				15,580						38,010
	Fuels, Chemicals & Petrochem-DP	Material - Direct Purchase	Material Entries <\$5,000			119				22,430						38,010
		Material - Direct Purchase Total				119										119
	Fuels, Chemicals & Petrochem-DP Total					119										119
	Insulators & Bushings-DP	Material - Direct Purchase	Material Entries <\$5,000			253										253
		Material - Direct Purchase Total				253										253
	Insulators & Bushings-DP Total					253										253
	Labor - Other	Labor	Labor Entries <\$5,000	(19,542)		1,533	588	870	1,409							(15,142)
		T&D Supply Expense		19,560	12,260											31,820
	Labor Total			18	12,260	1,533	588	870	1,409							16,678
	Labor - Other Total			18	12,260	1,533	588	870	1,409							16,678
	Material - Inventory	Material	Breakers - Circuit-IN			664										664
		Building, Shop & Industrial Products/Eqp	Cabinets, Panels and Switchboards-IN			271										271
			Electric Wiring and Components-IN			335										335
		Insulators & Bushings-IN	69,339			15,960										85,299
		Metals & Fabricated Metal Products-IN	2,926													2,926
		Meters, Monitor and Warnings-IN	8,328													8,828
		Pipe/Tubing, Fittings and Gaskets-IN	403													403
		Pole Line Hdw & Connectors-IN	6,921			402										7,323
		Transformers - Power Substation-IN	26,036													26,036
		Transformers CT/PT/INSTR-IN	12,573													12,573
		Wire, Cable & Bus Bar-IN	7,210													7,210
		Material Total	11,765													11,765
			147,271			16,362										163,634
	Material - Inventory Total		147,271			16,362										163,634
	Material - Other	Material	Material Sales Tax Expense	22	16,983	1,755	718	869	1,756							22,103
		Special Transport		-	274	1,486	117						313		2,190	
		TDBU B-Items		0	166	(4)		7	4						172	
		Material Total	22	17,422	3,237	835	876	1,760				313			24,465	
	Material - Other Total			22	17,422	3,237	835	876	1,760			313			24,465	
	Material Handling Services	Contract	Contract Entries <\$50,000													-
		Contract Total														-
	Material Handling Services Total															-
	Metals & Fabricated Metal Products-DP	Material - Direct Purchase	Material Entries <\$5,000			922										922
		Material - Direct Purchase Total				922										922
	Metals & Fabricated Metal Products-DP Total					922										922
	Meters, Monitor and Warnings-DP	Material - Direct Purchase	Material Entries <\$5,000			1,993	5,106	77								7,176
		Material - Direct Purchase Total				1,993	5,106	77								7,176
	Meters, Monitor and Warnings-DP Total					1,993	5,106	77								7,176
	Office & Office Support Products-DP	Material - Direct Purchase	Material Entries <\$5,000			1,993	5,106	77								7,176
		Material - Direct Purchase Total				1,993	5,106	77								7,176
	Office & Office Support Products-DP Total					1,993	5,106	77								7,176
	Other Consumables-DP	Material - Direct Purchase	Material Entries <\$5,000							126						126
		Material - Direct Purchase Total								126						126

Pin: 7555
 Order: 901192480
Project: Mesa
 901192480 - Laguna Bell: Replace (4) 230 kV CBs

SubCategory	Prime	Group	Detail	Month												Grand Total			
				01	03	04	05	06	07	08	09	10	11	12					
	Other Consumables-DP Total									126						126			
	Pipe/Tubing, Fittings and Gaskets-DP		Material - Direct Purchase					501								501			
			Material - Direct Purchase Total					501								501			
	Pipe/Tubing, Fittings and Gaskets-DP Total							501								501			
	Pole Line Hdwe & Connectors-DP		Material - Direct Purchase					4,685	120							4,806			
			Material - Direct Purchase Total					4,685	120							4,806			
	Pole Line Hdwe & Connectors-DP Total							4,685	120							4,806			
	Power Systems, Batteries and Light-DP		Material - Direct Purchase							2,447	3,053					5,500			
			Material - Direct Purchase Total								6,022					6,022			
	Power Systems, Batteries and Light-DP Total									2,447	9,075					11,522			
	Power Systems, Batteries and Light-IN		Material							2,447	9,075					11,522			
	Power Systems, Batteries and Light-IN Total		Material Total									379				379			
	Protection and Test-DP		Material - Direct Purchase						231	247						379			
			Material - Direct Purchase Total						231	247						379			
	Protection and Test-DP Total								231	247						379			
	Steel / Fabricated / Structural-DP		Material - Direct Purchase								2,703					2,703			
			Material - Direct Purchase Total								2,703					2,703			
	Steel / Fabricated / Structural-DP Total											2,703				2,703			
	Wire, Cable & Bus Bar-DP		Material - Direct Purchase						2		45					47			
			Material - Direct Purchase Total						2		45					47			
	Wire, Cable & Bus Bar-DP Total								2		45					47			
2. Material Total								272	208,450	23,246	8,976	13,727	18,949		313	273,932			
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000					-	212	1,030						1,242			
		Contract Total						-	212	1,030						1,242			
	Construction Management Services Total								-	212	1,030					1,242			
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000					-								-			
		Labor Total						-								-			
	ELEC SYS PLANNING Total															-			
	GRID OPS	Labor	Labor Entries <\$5,000					(0)								(0)			
		Labor Total						(0)								(0)			
	GRID OPS Total							(0)								(0)			
	Hauling / Industrial Moving Services	Contract	Contract Entries <\$50,000					-								-			
		Contract Total						-								-			
	Hauling / Industrial Moving Services Total															-			
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000							9,832						9,832			
		Contract Total								9,832						9,832			
	Major Construction, Turnkey, Trans/Subs Total									9,832						9,832			
	SC&M	Labor	Labor Entries <\$5,000					-	1,462	1,030	2,159	1,568	1,945		1,575	12,672			
		Labor Total						-	1,462	1,030	2,159	1,568	1,945		1,575	12,672			
	SC&M Total								1,462	1,030	2,159	1,568	1,945		1,575	12,672			
	TRANSMISSION	Labor	Labor Entries <\$5,000					0	584	1,777		318				2,678			
		Labor Total						0	584	1,777		318				2,678			
	TRANSMISSION Total								0	584	1,777		318			2,678			
	TSD-HERC - Crane Sv's	Labor	Labor Entries <\$5,000					-								-			
		Labor Total						-								-			
	TSD-HERC - Crane Sv's Total															-			
3. Construction Total								-	2,257	3,837	11,991	1,568	2,263		195,325	2,933	220,174		
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000					2	207	261	1,531	80	114		2,499		4,694		
		Chargeback Total						2	207	261	1,531	80	114		2,499		4,694		
		Labor	Labor Entries <\$5,000					(24,496)		785	575	636	836			(21,665)		34,602	
		Labor Total						24,509	10,093									12,937	
	Chargebacks Total								12	10,093	785	575	636	836					12,937
	Labor - Other	Labor	Division Overhead						14	10,300	1,046	2,105	716	950		2,499		17,631	
		Labor Total						47,181	10,216						10,776		68,173		
		Labor - Other Total						157	(45,749)	9,694	4,309	4,352	3,762	4,894	37	6,826	243	(11,473)	
			Labor Entries <\$5,000					157	1,433	19,910	4,209	4,352	3,762	4,894	37	17,602	243	56,699	
			Labor Total					157	1,433	19,910	4,309	4,352	3,762	4,894	37	17,602	243	56,699	
								157	1,447	30,210	5,355	6,458	4,478	5,844	37	20,101	243	74,330	
4. Allocated Total																			
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax						4,322							10,656	14,977		
			AFUDC - Debt/Equity					(7,807)							(530)	(8,338)			
			Capitalized Overhead - A&G					21	3,827	8,917	1,268	1,262	755	1,128	6	7,852	98	25,134	
			Capitalized Overhead - Inj & Damages					0	(633)	94	21	4	15	90	0	5	1	(401)	
			Capitalized Overhead - IT IMM					1	42	394	42	72	44	18	0	312	5	930	
			Capitalized Overhead - P&B/Payroll Tax					253	6,239	4,864	4,637	1,603	3,421	3,511	44	1,509	1,827	27,908	
			Non Budgeted Total					(7,807)	275	13,797	14,270	5,968	2,941	4,235	4,217	50	9,677	12,587	60,210
								(7,807)	275	13,797	14,270	5,968	2,941	4,235	4,217	50	9,677	12,587	60,210
								(7,807)	275	13,797	14,270	5,968	2,941	4,235	4,217	50	9,677	12,587	60,210
								(7,807)	786	18,560	259,497	39,947	32,526	29,572	32,051	227	225,853	16,457	647,668
								(7,807)	786	18,560	259,497	39,947	32,526	29,572	32,051	227	225,853	16,457	647,668
								(7,807)	786	18,560	259,497	39,947	32,526	29,572	32,051	227	225,853	16,457	647,668

Pin: 7555 Project: Mesa
 Order: 901192481 - Lightipe:Replace (2) 230kV CBs&disconct

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	07	08	09	10	11	12		
1. Project Support	As-built updates	Material - Other	As-built updates				4	2		0	0	0	0	0	0	7
		Material - Other Total					4	2		0	0	0	0	0	0	7
	As-built updates Total	Labor	Labor Entries <\$5,000				4	2		0	0	0	0	0	0	7
	DCM	Labor Total					-	-							-	-
	DCM Total						-	-							-	-
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000			453			742							1,195
		Labor Total				453			742							1,195
	ELEC SYS PLANNING Total					453			742							1,195
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000						214							214
		Contract Total						214								214
	Engineering/Technical Professional Servi Total								214							214
	Environmental/Safety Professional Servic	Contract	Contract Entries <\$50,000							270	90					360
		Contract Total							270	90						360
	Environmental/Safety Professional Servic Total									270	90					360
	Labor - Other	Labor	Labor Entries <\$5,000		148	(148)		(21)	21							13
		Labor Total			148	(148)		(21)	21							13
	Labor - Other Total				148	(148)		(21)	21							13
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000				0									0
		Labor Total					0									0
	MAJOR PROJECT ORG Total						0									0
	Other	Other	SODEXO MAGIC FOOD SERVICE	372,387	(374,837)	22,655	(22,655)			246	136					(2,067)
		Other Total		372,387	(374,837)	22,655	(22,655)			246	136					(2,067)
	Other Total			372,387	(374,837)	22,655	(22,655)			246	136					(2,067)
	Temporary/Supplementary - Admin/Non-Tech	Contract	Contract Entries <\$50,000					(0)								(0)
		Contract Total					(0)									(0)
	Temporary/Supplementary - Admin/Non-Tech Total						(0)									(0)
1. Project Support Total				372,988	(374,985)	22,655	(21,717)	23		246	137	270	90	13		(280)
2. Material	Breakers - Circuit-DP	Material - Direct Purchase	Material Entries <\$5,000				-									-
		Material - Direct Purchase Total					-									-
	Breakers - Circuit-DP Total						-									-
	Labor - Other	Labor	Labor Entries <\$5,000				(4,292)									(4,292)
		T&D Supply Expense					6,051									6,051
	Labor Total						1,760									1,760
	Labor - Other Total						1,760									1,760
	Line Switches & Switchgear-DP	Material - Direct Purchase	Material Entries <\$5,000				-									-
		Material - Direct Purchase Total					-									-
	Line Switches & Switchgear-DP Total						-									-
	Material - Other	Material	Material Sales Tax Expense				2,259									2,259
		Special Transport					-									-
		TDBU B-Items					43									43
	Material - Other Total	Material Total					2,302									2,302
	Material Handling Services	Contract	Contract Entries <\$50,000				2,302									2,302
		Contract Total					404									404
	Material Handling Services Total						404									404
	Steel / Fabricated / Structural-DP	Material - Direct Purchase	Material Entries <\$5,000				-									-
		Material - Direct Purchase Total					-									-
	Steel / Fabricated / Structural-DP Total						-									-
	Transducers and Inverters-DP	Material - Direct Purchase	Transducers and Inverters-DP				22,037									22,037
		Material - Direct Purchase Total					22,037									22,037
	Transducers and Inverters-DP Total						22,037									22,037
	Transportation & Mobile Equip-DP	Material - Direct Purchase	Material Entries <\$5,000				-									-
		Material - Direct Purchase Total					-									-
	Transportation & Mobile Equip-DP Total						-									-
2. Material Total							26,503									26,503
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000				0									0
		Contract Total					0									0
	Construction Management Services Total						0									0
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000				254									147
		Labor Total					254									147
	ELEC SYS PLANNING Total						254									147
	Electrical Services	Contract	Contract Entries <\$50,000		2,450		(0)									2,450
		Contract Total			2,450		(0)									2,450
	Electrical Services Total				2,450		(0)									2,450
	GRID OPS	Labor	Labor Entries <\$5,000				-									-
		Labor Total					-									-
	GRID OPS Total						-									-
	TRANSMISSION	Labor	Labor Entries <\$5,000				(0)		262							262
		Labor Total					(0)		262							262
	TRANSMISSION Total						(0)		262							262
3. Construction Total				2,450		254			262							147
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	16		150						3	1			170
		Chargeback Total		16		150						3	1			170

Pin: 7555 Project: Mesa
 Order: 901192481 901192481 - Lightipe:Replace (2) 230kV CBs&disconct

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	07	08	09	10	11	12			
		Labor	Labor Entries <\$5,000				(6,926)									(6,926)	
			MATERIAL MANAGEM				8,114									8,114	
			Labor Total				1,187									1,187	
	Chargebacks Total					16											1,358
	Labor - Other	Labor	Division Overhead				1,337										6,745
			Labor Entries <\$5,000	577	(67)		(3,109)	9	121	39	22	31	8	12			(2,358)
			Labor Total	577	(67)		3,636	9	121	39	22	31	8	12			4,388
			Labor - Other Total	577	(67)		3,636	9	121	39	22	31	8	12			4,388
	4. Allocated Total			593	(67)		4,973	9	121	39	22	34	9	12			5,745
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax				1,948										3,412
			AFUDC - Debt/Equity	(3,449)													3,360
			Capitalized Overhead - A&G	222	(12)		3,070	1	16	10	6	10	4	4			(3,683)
			Capitalized Overhead - Inj & Damages	(9)	(0)		(223)	0	0	0	0	0	0	0			3,332
			Capitalized Overhead - IT IMM	10	(0)		54	0	1	1	0	0	0	0			(231)
			Capitalized Overhead - P&B/Payroll Tax	411	(213)		3,505	17	109								67
			Non Budgeted Total	(2,814)	(225)		8,355	18	127	10	(228)	11	4	3,505			3,918
	Non Budget - Other Total			(2,814)	(225)		8,355	18	127	10	(228)	11	4	3,505			8,762
	5. Corporate Overhead Total			(2,814)	(225)		8,355	18	127	10	(228)	11	4	3,505			8,762
				373,217	(375,277)		22,655	18,367	50	510	296	(70)	315	103	3,676		43,843
				373,217	(375,277)		22,655	18,367	50	510	296	(70)	315	103	3,676		43,843
				373,217	(375,277)		22,655	18,367	50	510	296	(70)	315	103	3,676		43,843

Pin: 7555

Project: Mesa

Order: 901192483 901192483 - Rio Hondo Sub: Upgrade/Update Protection

SubCategory	Prime	Group	Detail	Month									
				01	04	05	07	09	10	11	12	Grand Total	
1. Project Support	As-built updates	Material - Other	As-built updates	0	1			2	11	9		23	
		Material - Other Total		0	1			2	11	9		23	
	As-built updates Total			0	1			2	11	9		23	
	DCM	Labor	Labor Entries <\$5,000	-					592			592	
		Labor Total		-					592			592	
	DCM Total			-					592			592	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	1,752	559	443		1,154	2,293	1,757		7,957	
		Labor Total		1,752	559	443		1,154	2,293	1,757		7,957	
	ELEC SYS PLANNING Total			1,752	559	443		1,154	2,293	1,757		7,957	
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	-					-			-	
		Contract Total		-					-			-	
	Engineering/Technical Professional Servi Total			-					-			-	
	Labor - Other	Labor	Labor Entries <\$5,000	55	(55)				13	49		62	
		Labor Total		55	(55)				13	49		62	
	Labor - Other Total			55	(55)				13	49		62	
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	0					0			0	
		Labor Total		0					0			0	
	MAJOR PROJECT ORG Total			0					0			0	
	Other	Other	Other	-					155	99		254	
		Other Total		-					155	99		254	
	Other Total			-					155	99		254	
1. Project Support Total				1,808	504	443		1,156	3,064	1,914		8,888	
2. Material	Electric Wiring and Components-DP	Material - Direct Purchase	Material Entries <\$5,000						50			50	
		Material - Direct Purchase Total							50			50	
	Electric Wiring and Components-DP Total								50			50	
	Labor - Other	Labor	Labor Entries <\$5,000	-				1	260			261	
		Labor Total		-				1	260			261	
	Labor - Other Total			-				1	260			261	
	Material - Inventory	Material	Electric Wiring and Components-IN						2,420			2,420	
		Wire, Cable & Bus Bar-IN							1,026			1,026	
	Material - Inventory Total	Material Total							3,445			3,445	
	Material - Other	Material	Material Sales Tax Expense					1	348			349	
		Special Transport						235	626			860	
		TDBU B-Items							(1)			(1)	
	Material - Other Total	Material Total						236	973			1,209	
	Material Handling Services	Contract	Contract Entries <\$50,000	-					236	973		1,209	
		Contract Total		-					-			-	
	Material Handling Services Total			-					-			-	
	Pole Line Hdwe & Connectors-DP	Material - Direct Purchase	Material Entries <\$5,000					12				12	
		Material - Direct Purchase Total						12				12	
	Pole Line Hdwe & Connectors-DP Total							12				12	
	Wire, Cable & Bus Bar-DP	Material - Direct Purchase	Material Entries <\$5,000						170			170	
		Material - Direct Purchase Total							170			170	
	Wire, Cable & Bus Bar-DP Total								170			170	
2. Material Total								249	4,899			5,147	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	-	549				4,234	7,180		11,963	
		Contract Total		-	549				4,234	7,180		11,963	
	Construction Management Services Total			-	549				4,234	7,180		11,963	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	-					-			-	
		Labor Total		-					-			-	
	ELEC SYS PLANNING Total			-					-			-	
	GRID OPS	Labor	Labor Entries <\$5,000	-					-			-	
		Labor Total		-					-			-	
	GRID OPS Total			-					-			-	
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000						30,960			30,960	
		Contract Total							30,960			30,960	
	Major Construction, Turnkey, Trans/Subs Total								30,960			30,960	
	TRANSMISSION	Labor	Labor Entries <\$5,000	-					511			511	
		Labor Total		-					511			511	
	TRANSMISSION Total			-					511			511	
3. Construction Total				-	549				35,705	7,180		43,434	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	-	4			0	457	93		553	
		Chargeback Total		-	4			0	457	93		553	
	Labor - Other	Labor	Labor Entries <\$5,000	-				1	220			220	
		Labor Total		-				1	220			220	
	Chargebacks Total			-	4			1	676	93		773	
	Labor - Other	Labor	Labor Entries <\$5,000	834	260	205		538	4,806	760		7,403	
		Labor Total		834	260	205		538	4,806	760		7,403	
	Labor - Other Total			834	260	205		538	4,806	760		7,403	
4. Allocated Total				834	264	205		539	5,483	853		8,177	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax	557						1,320			1,877
			AFUDC - Debt/Equity	(1,116)					(76)			(1,192)	
			Capitalized Overhead - A&G	249	48	28		64	1,785	251		2,425	

Pin: 7555 Project: Mesa
 Order: 901192483 901192483 - Rio Hondo Sub: Upgrade/Update Protection

SubCategory	Prime	Group	Detail	Month										Grand Total
				01	04	05	07	09	10	11	12			
			Capitalized Overhead - Inj & Damages	1	0	0		1	3	1		6		
			Capitalized Overhead - IT IMM	2	2	2		2	71	12		92		
			Capitalized Overhead - P&B/Payroll Tax	2,221	396	185		847	2,387	999		7,035		
		Non Budgeted Total		(1,116)	3,029	447	214	(76)	915	4,246	2,583	10,243		
				(1,116)	3,029	447	214	(76)	915	4,246	2,583	10,243		
				(1,116)	3,029	447	214	(76)	915	4,246	2,583	10,243		
				(1,116)	5,672	1,763	861	(76)	2,859	53,396	12,530	75,889		
				(1,116)	5,672	1,763	861	(76)	2,859	53,396	12,530	75,889		
				(1,116)	5,672	1,763	861	(76)	2,859	53,396	12,530	75,889		

Pin: 7555 Project: Mesa
Order: 901197441 - Mesa Area Phase2: Relocate various lines

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
1. Project Support	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	1424.79	1442.35	743	1,058	855								5,524	
	Contract Total			1,425	1,442	743	1,058	855								5,524	
	Contract Consult/Contract Ord to Ord Total			1,425	1,442	743	1,058	855								5,524	
ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	9,832	8,110	9,010	5,942	3,545	2,202	3,283	2,781	1,189	1,942	3,900	3,567		55,403	
Labor Total			9,832	8,110	9,010	5,942	3,545	2,202	3,283	2,781	1,189	1,942	3,900	3,567		55,403	
ELEC SYS PLANNING Total			9,832	8,110	9,010	5,942	3,545	2,202	3,283	2,781	1,189	1,942	3,900	3,567		55,403	
Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	3,617													3,617	
Engineering/Technical Professional Servi Total			3,617													3,617	
Labor - Other	Labor	Labor Entries <\$5,000	2,453	112	(1,909)	269	1,890	(2,351)	906	(275)	(232)	355	28	1,351		2,597	
Labor Total			2,453	112	(1,909)	269	1,890	(2,351)	906	(275)	(232)	355	28	1,351		2,597	
Labor - Other Total			2,453	112	(1,909)	269	1,890	(2,351)	906	(275)	(232)	355	28	1,351		2,597	
Other	Other	Other	3,830	(3,830)	51,083	(30,994)	-	(10,738)	-	(6,320)	-	-	-	13		3,045	
Other Total			3,830	(3,830)	51,083	(30,994)	-	(10,738)	-	(6,320)	-	-	-	13		3,045	
Other Total			17,326	12,051	4,714	57,294	(24,816)	910	(5,693)	2,506	(5,363)	2,297	3,929	4,931		70,085	
1. Project Support Total																(595)	
2. Material	Labor - Other	Labor	Labor Entries <\$5,000	(30)	(914)			349								36,986	
	Labor Total		Labor Supply Expense	36,986												36,986	
Labor - Other Total			36,986	(30)	(914)			349								36,391	
Material - Other	Material	Material Sales Tax Expense	35,684	505				0								36,391	
	Material Total		Special Transport	1,369	860											36,188	
Material - Other Total			37,052	1,365				0								2,229	
Pole Line Hdwe & Connectors-DP	Material - Direct Purchase	Pole Line Hdwe & Connectors-DP	5,313													38,417	
	Material - Direct Purchase Total		5,313													5,313	
Pole Line Hdwe & Connectors-DP Total																5,313	
Power Systems, Batteries and Light-DP	Material - Direct Purchase	Power Systems, Batteries and Light-DP	375,617													375,617	
	Material - Direct Purchase Total		375,617													375,617	
Power Systems, Batteries and Light-DP Total																375,617	
Steel / Fabricated / Structural-DP	Material - Direct Purchase	Material Entries <\$5,000														4,200	
	Material - Direct Purchase Total															4,200	
Steel / Fabricated / Structural-DP Total																4,200	
Steel Lattice Towers (T/S)-DP	Material - Direct Purchase	Material Entries <\$5,000														(11,445)	
	Material - Direct Purchase Total															(11,445)	
Steel Lattice Towers (T/S)-DP Total																(11,445)	
2. Material Total			449,655	6,648				4,549								448,493	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	14,960	8,967	7,454	1,812	725	4,641	233	466	117			725	40,101	
	Contract Total			14,960	8,967	7,454	1,812	725	4,641	233	466	117			725	40,101	
Construction Management Services Total																	
Construction, Earthwork	Contract	Contract Entries <\$50,000	14,960	8,967	7,454	1,812	725	4,641		4,418						4,418	
	Contract Total															4,418	
Construction, Earthwork Total																4,418	
ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	1,786	3,637	1,413	1,322										8,157	
	Labor Total			1,786	3,637	1,413	1,322									8,157	
ELEC SYS PLANNING Total																	
Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000	548	5,650	26,967	17,684	6,628	11,493								68,422	
	Contract Total			548	5,650	26,967	17,684	6,628	11,493							68,422	
Major Construction, Turnkey, Trans/Subs Total																	
Short Term Equipment Rent	Contract	Contract Entries <\$50,000	548	7,773	16,642	548	7,773	8,868	8,567	8,321	16,094	8,321	10,648	548		94,651	
	Contract Total			548	7,773	16,642	548	7,773	8,868	8,567	8,321	16,094	8,321	10,648	548		94,651
Short Term Equipment Rent Total																	
TRANSMISSION	Labor	Labor Entries <\$5,000	307	902	63	265										135	
	Labor Total			307	902	63	265									1,672	
TRANSMISSION Total																135	
3. Construction Total			17,599	26,929	52,539	21,632	15,126	25,003	13,218	8,787	16,211	8,321	10,648	1,407		217,422	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	2,611	132	237	53	53	141	36	3	1			9	3,277	
	Chargeback Total			2,611	132	237	53	53	141	36	3	1			9	3,277	
	Labor	Labor Entries <\$5,000	(14,271)	289		(617)										(14,421)	
	Labor Total			(14,271)	289		(617)									(14,421)	
Chargebacks Total																9	
Labor - Other	Labor	Division Overhead	79,759		5,865											85,624	
	Labor Entries <\$5,000		4,496	10,879	5,823	5,238	4,268	3,845	3,747	2,744	2,906	2,117	2,300	488		48,850	
	Labor Total			84,254	10,879	11,688	5,238	4,268	3,845	3,747	2,744	2,906	2,117	2,300	488		134,474
Labor - Other Total																134,474	
4. Allocated Total			72,594	11,299	11,925	4,674	4,321	4,165	3,783	2,747	2,907	2,117	2,300	497		123,330	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			16,368										29,232	45,600
			AFUDC - Debt/Equity	(29,342)												(31,335)	
			Capitalized Overhead - A&G	34,048	2,867	3,028	1,263	932	1,292	940	468	742	422	613	173	46,788	
			Capitalized Overhead - Inj & Damages	(3,960)	38	33	1	7	11	4	9	62	7	4	2	(3,783)	
			Capitalized Overhead - IT IMM	1,594	90	149	31	41	43	53	28	12	16	24	8	2,089	
			Capitalized Overhead - P&B/Payroll Tax	9,796	17,934	6,123	8,906	4,266	(168)	1,718	2,076	823	1,672	2,725	2,791	58,661	
			Non Budgeted Total	12,136	20,930	9,333	25,569	5,245	1,178	2,715	2,581	(355)	2,117	3,366	32,205	118,021	
				12,136	20,930	9,333	25,569	5,245	1,178	2,715	2,581	(355)	2,117	3,366	32,205	118,021	
				12,136	20,930	9,333	25,569	5,245	1,178	2,715	2,581	(355)	2,117	3,366	32,205	118,021	
Non Budget - Other Total				569,312	77,858	78,510	97,810	(123)	35,805	14,023	16,621	13,400	14,851	20,243	39,041	977,351	
Non Budget - Other Total				569,312	77,858	78,510	97,810	(123)	35,805	14,023	16,621	13,400	14,851	20,243	39,041	977,351	
				569,312	77,858	78,510	97,810	(123)	35,805	14,023	16,621	13,400	14,851	20,243	39,041	977,351	

Pin: 7555 Project: Mesa
 Order: 901560422 - Mesa Area Phase1:Form LB-Mesa2&Mesa-RH2

SubCategory	Prime	Group	Detail	Month												Grand Total		
				01	02	03	04	05	06	07	08	09	10	11	12			
1. Project Support	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	493	343												836	
		Contract Total		493	343												836	
	Contract Consult/Contract Ord to Ord Total			493	343												836	
	DCM	Labor	Labor Entries <\$5,000														184	
		Labor Total															184	
	DCM Total																184	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	450	1,709	1,867	5,062	9,871	1,600									20,558
		Labor Total		450	1,709	1,867	5,062	9,871	1,600								20,558	
	ELEC SYS PLANNING Total			450	1,709	1,867	5,062	9,871	1,600								20,558	
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000														9,333	
		Contract Total															9,333	
	Engineering/Technical Professional Servi Total																9,333	
	Labor - Other	Labor	Labor Entries <\$5,000	155	504	(660)	203	2,277	(2,430)	8	(58)						10	
		Labor Total		155	504	(660)	203	2,277	(2,430)	8	(58)						9	
	Labor - Other Total			155	504	(660)	203	2,277	(2,430)	8	(58)						9	
	Other	Other	Other	-	3,259	1,371	79,424	163,334	45	(110,065)	1,564	(0)	(0)	(31,275)	-	107,657		
		Other Total		-	3,259	1,371	79,424	163,334	45	(110,065)	1,564	(0)	(0)	(31,275)	-	107,657		
	Other Total			-	3,259	1,371	79,424	163,334	45	(110,065)	1,564	(0)	(0)	(31,275)	-	107,657		
	TRANSMISSION	Labor	Labor Entries <\$5,000	87	348	714	1,753	2,361	140								5,402	
		Labor Total		87	348	714	1,753	2,361	140								5,402	
	TRANSMISSION Total			87	348	714	1,753	2,361	140								5,402	
1. Project Support Total				692	6,313	3,636	86,442	177,842	(646)	(107,984)	8,765	(0)	(0)	(31,275)	193	143,979		
2. Material	Labor - Other	Labor	Labor Entries <\$5,000	309	(2)	21	(744)	225		1,410							1,204	
		Labor Total		309	(2)	21	(744)	225		1,410							1,204	
	Material - Other	Material	Material Sales Tax Expense	298	32	19		312		1,410							2,382	
		Material Total		782						1,721							782	
	Material - Other Total			1,080	32	19		312		1,721							3,164	
	Pole Line Hdwe & Connectors-DP	Material - Direct Purchase	Material Entries <\$5,000	3,136	342	200											3,478	
		Material - Direct Purchase Total		3,136	342	200											3,478	
	Pole Line Hdwe & Connectors-DP Total			3,136	342	200											3,478	
	Power Systems, Batteries and Light-DP	Material - Direct Purchase	Material Entries <\$5,000							3,284							3,284	
		Material - Direct Purchase Total								3,284							3,284	
	Power Systems, Batteries and Light-DP Total									3,284							3,284	
	Steel / Fabricated / Structural-DP	Material - Direct Purchase	SAE TOWERS								18,112							18,112
		Material - Direct Purchase Total									18,112							18,112
	Steel / Fabricated / Structural-DP Total																18,112	
	Steel Lattice Towers (T/S)-DP	Material - Direct Purchase	Material Entries <\$5,000								(9,323)							(9,323)
		Material - Direct Purchase Total									(9,323)							(9,323)
2. Material Total				4,525	372	240	(10,067)	3,821		21,242							(214)	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	10,529	15,327	12,899	22,318	22,762	2,692	1,613	233						91,076	
		Contract Total		10,529	15,327	12,899	22,318	22,762	2,692	1,613	233						91,076	
	Construction Management Services Total			10,529	15,327	12,899	22,318	22,762	2,692	1,613	233						91,076	
	Construction, Earthwork	Contract	POWER GRADE INC					532,128		110,286								642,413
		Contract Total						532,128		110,286								642,413
	Construction, Earthwork Total							532,128		110,286								642,413
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000						477	254								731
		Labor Total							477	254								731
	ELEC SYS PLANNING Total								477	254								731
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000							350	300							31,925
		Contract Total								350	300							31,925
3. Construction Total				10,529	15,327	12,899	22,318	554,889	3,169	112,502	533						32,527	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	90	107	100	86	3,684	18	874	51							5,446
		Chargeback Total		90	107	100	86	3,684	18	874	51							5,446
		Labor	Labor Entries <\$5,000	(119)	19	12	(502)	185		1,378							960	
		Labor Total		(119)	19	12	(502)	185		1,378							960	
	Chargebacks Total			(29)	125	112	(416)	3,870	18	2,252	51						405	
	Labor - Other	Labor	Division Overhead					70,161		11,295								81,456
		Labor Total						2,989	4,101	3,133	5,425	3,986	228	7,725	1,360			31,513
				2,989	4,101	3,133	5,425	74,147	228	19,020	1,360						112,969	
	Labor - Other Total			2,989	4,101	3,133	5,425	74,147	228	19,020	1,360						112,969	
4. Allocated Total				2,960	4,226	3,245	5,009	78,017	246	21,271	1,412						2,804	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax						3,705									11,063
			AFUDC - Debt/Equity	(6,507)														(6,949)
			Capitalized Overhead - A&G	1,143	1,241	901	1,526	23,683	103	6,708	305							36,932
			Capitalized Overhead - Inj & Damages	(60)	7	6	4	37	0	10	1							5
			Capitalized Overhead - IT IMM	54	39	44	37	1,047	3	382	18							1,677
			Capitalized Overhead - P&B/Payroll Tax	462	3,580	1,275	7,721	11,075	(272)	109	(48)							24,009
				(4,909)	4,867	2,226	12,993	35,842	(165)	7,209	276	(442)						1,327
				(4,909)	4,867	2,226	12,993	35,842	(165)	7,209	276	(442)						1,327
	Non Budget - Other Total			13,798	31,105	22,246	116,695	850,411	2,604	54,240	10,986	(442)	(0)	5,169	13,047		1,119,859	
				13,798	31,105	22,246	116,695	850,411	2,604	54,240	10,986	(442)	(0)	5,169	13,047		1,119,859	
5. Corporate Overhead Total				13,798	31,105	22,246	116,695	850,411	2,604	54,240	10,986	(442)	(0)	5,169	13,047		1,119,859	

Pin: 7555 Project: Mesa
 Order: 901564026 Center Sub:Replic 3 GE relays

SubCategory	Prime	Group	Detail	Month												
				01	03	04	05	06	07	08	09	10	11	12	Grand Total	
1. Project Support	As-built updates	Material - Other	As-built updates	0	0							1	0	0	1	
		Material - Other Total		0	0							1	0	0	1	
	As-built updates Total	Labor	Labor Entries <\$5,000									1	0	0	1	
	DCM	Labor Total		-											-	
	DCM Total			-											-	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000					287				466	143	226	1,123	
		Labor Total		-				287				466	143	226	1,123	
	ELEC SYS PLANNING Total			-				287				466	143	226	1,123	
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	592						1,200					1,792	
		Contract Total		592						1,200					1,792	
	Engineering/Technical Professional Servi Total			592						1,200					1,792	
	Labor - Other	Labor	Labor Entries <\$5,000			76	(76)	84	(84)			1	(1)		-	
		Labor Total		-		76	(76)	84	(84)			1	(1)		-	
	Labor - Other Total			-		76	(76)	84	(84)			1	(1)		-	
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000												-	
		Labor Total		-											-	
	MAJOR PROJECT ORG Total			-											-	
	Other	Other	Other												-	
		Other Total	SODEXO MAGIC FOOD SERVICE												-	
	Other Total			-											-	
1. Project Support Total				592	0	77	(76)	371	1,116			467	145	225	2,916	
2. Material	Labor - Other	Labor	Labor Entries <\$5,000									3,318			3,318	
		Labor Total		-								3,318			3,318	
	Labor - Other Total			-								3,318			3,318	
	Material - Other	Material	Material Sales Tax Expense									4,341			4,341	
		TDBU B-Items		-								27			27	
	Material - Other Total			-								4,368			4,368	
	Material Handling Services	Contract	Contract Entries <\$50,000									4,368			4,368	
		Contract Total		-								245			245	
	Material Handling Services Total			-								245			245	
	Transducers and Inverters-DP	Material - Direct Purchase	Transducers and Inverters-DP									45,700			45,700	
		Material - Direct Purchase Total		-								45,700			45,700	
	Transducers and Inverters-DP Total			-								45,700			45,700	
2. Material Total												53,631			53,631	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000									-			-	
		Contract Total		-								-			-	
	Construction Management Services Total			-								-			-	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000			180		73							253	
		Labor Total		-		180		73							253	
	ELEC SYS PLANNING Total			-		180		73							253	
	SC&M	Labor	Labor Entries <\$5,000									223			223	
		Labor Total		-								223			223	
	SC&M Total			-								-			-	
	TRANSMISSION	Labor	Labor Entries <\$5,000									-			-	
		Labor Total		-								-			-	
	TRANSMISSION Total			-								-			-	
3. Construction Total				-		180		296							476	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	4								311			315	
		Chargeback Total		4								311			315	
		Labor	Labor Entries <\$5,000									2,426			2,426	
		Labor Total		-								2,426			2,426	
	Chargebacks Total			-		4						2,737			2,741	
	Labor - Other	Labor	Labor Entries <\$5,000	67	-	105	(34)	309	7,447			217	60	17	8,189	
		Labor Total		67	-	105	(34)	309	7,447			217	60	17	8,189	
	Labor - Other Total			67	-	105	(34)	309	7,447			217	60	17	8,189	
4. Allocated Total				71	-	105	(34)	309	10,184			217	60	17	10,929	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			400							1,048			1,448
			AFUDC - Debt/Equity	(819)								(56)			(874)	
			Capitalized Overhead - A&G	28	95	13	(4)	42	2,166			23	7	6	2,375	
			Capitalized Overhead - Inj & Damages	0	12	0	(0)	0	42			0	0	0	55	
			Capitalized Overhead - IT IMM	1	14	1	(0)	2	128			1	0	0	147	
			Capitalized Overhead - P&B/Payroll Tax		(1)	202	(87)	278	(70)			343	101	124	890	
		Non Budgeted Total		(819)	29	520	215	(91)	323	2,265	(56)	366	109	1,179	4,041	
5. Corporate Overhead Total				(819)	29	520	215	(91)	323	2,265	(56)	366	109	1,179	4,041	
				(819)	29	520	215	(91)	323	2,265	(56)	366	109	1,179	4,041	
				(819)	692	520	577	(201)	1,299	67,195	(56)	1,051	314	1,421	71,993	
				(819)	692	520	577	(201)	1,299	67,195	(56)	1,051	314	1,421	71,993	
				(819)	692	520	577	(201)	1,299	67,195	(56)	1,051	314	1,421	71,993	

Pin: 7555 **Project: Mesa**
Order: 901564029 901564029 - Redondo Sub: Replic 1 SEL-311L relay

Pin: 7555 Project: Mesa
 Order: 901777019 - Mesa: SCE 50% MWD Water Line Relocation

SubCategory	Prime	Group	Detail	Month										Grand Total	
				01	02	03	04	05	06	07	08	09			
1. Project Support	As-built updates	Material - Other	As-built updates	(0)	1	0	1	23						25	
		Material - Other Total		(0)	1	0	1	23						25	
	As-built updates Total	DCM	Labor	Labor Entries <\$5,000										25	
		Labor Total			-									-	
	DCM Total				-									-	
	Labor - Other	Labor	Labor Entries <\$5,000		(4)									(4)	
		Labor Total			(4)									(4)	
	Labor - Other Total				(4)									(4)	
	Other	Other	Other	309,725	(1,112,044)	7,057	(2,738)	(2,616)	1,704	(2,799)	(608)			(802,319)	
		Other Total		309,725	(1,112,044)	7,057	(2,738)	(2,616)	1,704	(2,799)	(608)			(802,319)	
1. Project Support Total				309,721	(1,112,043)	7,057	(2,737)	(2,593)	1,704	(2,799)	(608)			(802,298)	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000		16,751	10,633	15,332	6,097	2,190	4,380	608			55,991	
		Contract Total			-	16,751	10,633	15,332	6,097	2,190	4,380	608		55,991	
	Construction Management Services Total				-	16,751	10,633	15,332	6,097	2,190	4,380	608		55,991	
	Construction, Pipeline & Sewer	Contract	Contract Entries <\$50,000	(2,585,946)	376,842	1,583,017	365,435							(2,549,947)	
		KIEWIT INFRASTRUCTURE WEST		376,842	1,583,017	365,435								2,325,294	
	Mesa: SCE 50% MWD Water Line Relocation			2,585,946										2,585,946	
	Construction, Pipeline & Sewer Total	Contract Total		376,842	1,583,017	365,435		36,000						2,361,294	
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000		376,842	1,583,017	365,435		36,000						2,361,294
		Contract Total			-	-	-	-	-	-	-	-	-	-	
3. Construction Total	Major Construction, Turnkey, Trans/Subs Total														
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	376,842	1,599,768	376,067	15,332	42,096	2,190	4,380	608			2,417,285	
			Mesa: SCE 50% MWD Water Line Relocation	(713,597)		2,482	101	278	14	29	4			(710,688)	
		PROCUREMENT TDBU		701,161										701,161	
	Chargebacks Total	Chargeback Total		14,923	10,558									25,482	
	Labor - Other	Labor	Division Overhead	2,487	10,558	2,482	101	278	14	29	4			15,954	
			Labor Entries <\$5,000	(169,998)	216,793	218,331	42,758							477,882	
	Labor Total			47,695	218,331	42,758	2,157	4,120	289	650	97			(161,786)	
	Labor - Other Total			47,695	218,331	42,758	2,157	4,120	289	650	97			316,097	
4. Allocated Total				50,182	228,890	45,240	2,258	4,398	304	679	101			332,051	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			17,652								17,652	
			AUDC - Debt/Equity	(2,921)	11,402	39,353	(28,617)	(1,570)						1,199	
			Capitalized Overhead - A&G	26,094	98,735	17,474	1,102	1,692	93	216	24			18,846	
			Capitalized Overhead - Inj & Damages	(370)	229	40	4	2	0	0	0			(95)	
			Capitalized Overhead - IT IMM	1,222	3,102	858	27	75	3	12	1			5,300	
			Capitalized Overhead - P&B/Payroll Tax	(3)										(3)	
	Non Budget - Other Total	Non Budgeted Total		24,023	113,467	57,725	(9,832)	198	96	228	25	1,199		187,130	
5. Corporate Overhead Total				24,023	113,467	57,725	(9,832)	198	96	228	25	1,199		187,130	
				24,023	113,467	57,725	(9,832)	198	96	228	25	1,199		187,130	
				760,768	830,082	486,090	5,021	44,100	4,294	2,489	126	1,199		2,134,167	
				760,768	830,082	486,090	5,021	44,100	4,294	2,489	126	1,199		2,134,167	
				760,768	830,082	486,090	5,021	44,100	4,294	2,489	126	1,199		2,134,167	

Pin: 7555 Project: Mesa
 Order: 902124387 902124387 - Goodrich-Mesa: Install 1000ft cndctr

SubCategory	Prime	Group	Detail	Month								Grand Total
				03	07	08	09	11	12			
1. Project Support	DCM	Labor	Labor Entries <\$5,000							184	184	184
		Labor Total								184	184	184
	DCM Total									184	184	184
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000							413	413	413
		Labor Total								413	413	413
	ELEC SYS PLANNING Total									413	413	413
	Labor - Other	Labor	Labor Entries <\$5,000							10	10	10
		Labor Total								10	10	10
	Labor - Other Total									10	10	10
	SC&M	Labor	Labor Entries <\$5,000	120							120	120
		Labor Total		120							120	120
	SC&M Total			120						607	727	
1. Project Support Total				120						607	727	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	233	466	117	1,178	1,450	1,450		3,444	
		Contract Total		233	466	117	1,178	1,450	1,450		3,444	
	Construction Management Services Total			233	466	117	1,178	1,450	1,450		3,444	
3. Construction Total				233	466	117	1,178	1,450	1,450		3,444	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	2	3	1	15	19	19		39	
		Chargeback Total		2	3	1	15	19	19		39	
	Chargebacks Total			2	3	1	15	19	19		39	
	Labor - Other	Labor	Labor Entries <\$5,000	29	33	83	17	87	205		456	
		Labor Total		29	33	83	17	87	205		456	
	Labor - Other Total			29	33	83	17	87	205		456	
4. Allocated Total				29	35	86	18	103	224		495	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	6	11	18	5	47	58		145	
			Capitalized Overhead - Inj & Damages	0	0	0	0	0	0		1	
			Capitalized Overhead - IT IMM	0	1	1	0	2	3		7	
			Capitalized Overhead - P&B/Payroll Tax	70						336	405	
	Non Budget - Other Total	Non Budgeted Total		76	12	20	5	48	396		558	
5. Corporate Overhead Total				76	12	20	5	48	396		558	
				76	12	20	5	48	396		558	
				226	280	572	140	1,329	2,677		5,224	
				226	280	572	140	1,329	2,677		5,224	
				226	280	572	140	1,329	2,677		5,224	

Pin: 7555 Project: Mesa
 Order: 902124390 902124390 - Lighthipe-Mesa: Install 3 strcts+end

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
1. Project Support	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000										1,402	1,402	1,402	1,402	
		Contract Total											1,402	1,402	1,402	1,402	
	Contract Consult/Contract Ord to Ord Total												1,402	1,402	1,402	1,402	
	DCM	Labor	Labor Entries <\$5,000	4,748	6,717	496	60	838	1,400	472	3,231	414	206	1,303	19,885	19,885	
		Labor Total		4,748	6,717	496	60	838	1,400	472	3,231	414	206	1,303	19,885	19,885	
	DCM Total			4,748	6,717	496	60	838	1,400	472	3,231	414	206	1,303	19,885	19,885	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	764	266	14,110	(15,399)	528	(521)	99	(75)	18	(49)	2	101	(155)	
		Labor Total		764	266	14,110	(15,399)	528	(521)	99	(75)	18	(49)	2	101	(155)	
	ELEC SYS PLANNING Total			764	266	14,110	(15,399)	528	(521)	99	(75)	18	(49)	2	101	(155)	
	Labor - Other	Labor	Labor Entries <\$5,000	141,785	49,838	(5,257)	367,903	(414,234)	(18,461)	(31,585)	1,567	(14,157)	0	(31,232)	62,212	104,617	
		Labor Total		141,785	49,838	(5,257)	367,903	(414,234)	(18,461)	(31,585)	1,567	(14,157)	0	(31,232)	62,212	104,617	
	Labor - Other Total	Other	Other	141,785	49,838	(5,257)	364,654	(414,234)	(18,461)	(31,585)	1,567	(14,157)	0	(31,232)	62,212	104,617	
	Other	SODEXO MAGIC FOOD SERVICE		513	3,249											3,762	
	Other Total			141,785	49,838	(5,257)	367,903	(414,234)	(18,461)	(31,585)	1,567	(14,157)	0	(31,232)	62,212	104,617	
	Other Total			141,785	49,838	(5,257)	367,903	(414,234)	(18,461)	(31,585)	1,567	(14,157)	0	(31,232)	62,212	104,617	
	TRANSMISSION	Labor	Labor Entries <\$5,000	3,206	6,117	18,484					90	297	119			28,314	
		SC&M / Sub Stn Elect		3,206	6,117	18,484					90	297	119			40,383	
	Labor Total			3,206	6,117	18,484					90	297	119			68,698	
	TRANSMISSION Total			150,503	62,939	68,217	352,564	(412,869)	(17,582)	(30,924)	5,021	(14,020)	1,767	(31,024)	63,800	198,393	
1. Project Support Total																	
2. Material	Labor - Other	Labor	Labor Entries <\$5,000	(4)	8						73	660	660			737	
		Labor Total		(4)	8						73	660	660			737	
	Labor - Other Total											73	660	660			737
	Material - Other	Material	Material Sales Tax Expense			7						96	799	902			902
		Material Total				7						96	799	902			902
	Material - Other Total											96	799	902			902
	Office & Office Support Products-DP	Material - Direct Purchase	Material Entries <\$5,000	695								1,009					1,704
		Material - Direct Purchase Total		695								1,009					1,704
	Office & Office Support Products-DP Total																1,704
	Pole Line Hdw & Connectors-DP	Material - Direct Purchase	Material Entries <\$5,000			73											73
		Material - Direct Purchase Total				73											73
	Pole Line Hdw & Connectors-DP Total																73
	Towers/Poles, Steel & Concrete-DP	Material - Direct Purchase	Towers/Poles, Steel & Concrete-DP														8,411
		Material - Direct Purchase Total															8,411
	Towers/Poles, Steel & Concrete-DP Total																8,411
2. Material Total																	11,827
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	11,056	8,898	135,205	12,080	1,268	5,014	605	88	4,350	3,308	1,450	183,220		
		Contract Total		11,056	8,898	135,205	12,080	1,268	5,014	605	88	4,350	3,308	1,450	183,220		
	Construction Management Services Total																14,166
	Construction, Earthwork	Contract	Contract Entries <\$50,000	11,056	8,898	135,205	12,080	1,268	110,491	50,300							160,792
		Contract Total		11,056	8,898	135,205	12,080	1,268	110,491	50,300							174,957
	Construction, Earthwork Total																174,957
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000									804	-	534	1,338		1,338
		Labor Total										804	-	534	1,338		1,338
	ELEC SYS PLANNING Total											804	-	534	1,338		1,338
	Electrical Construction, Transmission Li	Contract	Contract Entries <\$50,000	2,863													57,822
		PAR ELECTRICAL CONTRACTORS INC				571,822											57,822
	Electrical Construction, Transmission Li Total																57,822
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000		2,863	571,822											57,685
		Contract Total			2,863	571,822											57,685
	Major Construction, Turnkey, Trans/Subs Total																57,685
	Security / Protection Services	Contract	Contract Entries <\$50,000									7,073					7,073
		Contract Total										7,073					7,073
	Security / Protection Services Total																7,073
	TRANSMISSION	Labor	Labor Entries <\$5,000		68,376	-						368					68,744
		Labor Total			68,376	-						368					68,744
	TRANSMISSION Total				68,376	-						368					68,744
3. Construction Total				13,918	8,898	775,403	19,153	111,759	55,315	605	1,260	18,515	40,192	1,984	1,047,001		
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	92	63	4,672	126	738	365	11	1	365	518	19	6,970		
		Chargeback Total		92	63	4,672	126	738	365	11	1	365	518	19	6,970		
		Labor	Labor Entries <\$5,000		38	4						54					518
		Labor Total			38	4						54					518
	Chargebacks Total	Labor	Division Overhead		92	101	4,676	126	738	365	64	1	788	518	19	7,489	
	Labor - Other		Labor Entries <\$5,000	6,455	6,836	13,893	(3,648)	5,263	387	8,199	1,902	671	3,808	3,071	346	47,182	
		Paid Absence		6,455	6,836	159,037	(3,648)	14,284	387	8,199	1,902	671	3,808	3,071	346	201,348	
	Labor Total			6,455	6,836	159,037	(3,648)	14,284	387	8,199	1,902	671	3,808	3,071	346	201,348	
	Labor - Other Total			6,547	6,937	163,713	(3,521)	15,022	387	8,564	1,966	671	4,596	3,589	365	208,836	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			5,167											8,334
			Capitalized Overhead - A&G	1,791	1,600	43,274	226	4,660	47	2,763	237	80	1,151	1,599	99	57,528	
			Capitalized Overhead - Inj & Damages	(113)	21	295	(29)	6	1	2	4	6	8	1	1	204	
			Capitalized Overhead - IT IMM	84	50	2,125	6	206	2	157	14	1	43	64	5	2,757	
			Capitalized Overhead - P&B/Payroll Tax	5,554	17,157	92,599	(17,702)	1,075	998	269	2,834	1,093	268	146	1,173	105,464	
				7,317	18,827	138,294	(12,332)	5,948	1,047	3,191	3,090	1,181	1,470	1,809	9,612	179,454	
				7,317	18,827	138,294	(12,332)	5,948	1,047	3,191	3,090	1,181	1,470	1,809	9,612	179,454	
	Non Budget - Other Total			7,317	18,827	138,294	(12,332)	5,948	1,047	3,191	3,090	1,181	1,470	1,809	9,612	179,454	
	5. Corporate Overhead Total			178,286	98,292	1,145,714	355,5863	(280,139)	(16,148)	36,146	11,764	(10,812)	36,219	14,567	75,761	1,645,511	
				178,286	98,292	1,145,714	355,863	(280,139)	(16,148)	36,146	11,764	(10,812)	36,219	14,567	75,761	1,645,511	
				178,286	98,292	1,145,714	355,863	(280,139)	(16,148)	36,146	11,764	(10,812)	36,219	14,567	75,761	1,645,511	
				178,286	98,292	1,145,714	355,863	(280,139)	(16,148)	36,146	11,764	(10,812)	36,219	14,567	75,761	1,645,511	

Pin: 7555
Order: 902124395

Project: Mesa
902124395 - Mesa-Rio Hondo2: Install 3000ft cndctr

SubCategory	Prime	Group	Detail	Month				Grand Total
				07	08	11	12	
1. Project Support	DCM	Labor	Labor Entries <\$5,000				184	184
		Labor Total					184	184
	DCM Total						184	184
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000		824			824
		Labor Total			824			824
	ELEC SYS PLANNING Total				824			824
	Labor - Other	Labor	Labor Entries <\$5,000			10	10	10
		Labor Total				10	10	10
	Labor - Other Total					10	10	10
1. Project Support Total					824	193		1,018
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	350	117			466
		Contract Total		350	117			466
	Construction Management Services Total			350	117			466
3. Construction Total				350	117			466
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	2	1			3
		Chargeback Total		2	1			3
	Chargebacks Total			2	1			3
	Labor - Other	Labor	Labor Entries <\$5,000	50	21	334	18	422
		Labor Total		50	21	334	18	422
	Labor - Other Total			50	21	334	18	422
4. Allocated Total				52	22	334	18	425
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	17	5	42	5	69
			Capitalized Overhead - Inj & Damages	0	0	0	0	0
			Capitalized Overhead - IT IMM	1	0	2	0	3
			Capitalized Overhead - P&B/Payroll Tax			577	107	684
	Non Budget - Other Total	Non Budgeted Total		18	5	621	113	757
5. Corporate Overhead Total				18	5	621	113	757
				420	143	1,779	324	2,666
				420	143	1,779	324	2,666
				420	143	1,779	324	2,666

Pin: 7555

Project: Mesa

Order: 902124396

902124396 - Mesa-Vincent1: Install 2 strcts+cndctr

SubCategory	Prime	Group	Detail	Month												Grand Total			
				01	02	03	04	05	06	07	08	09	10	11	12				
1. Project Support	DCM	Labor	Labor Entries <\$5,000													184	184		
		Labor Total														184	184		
	DCM Total															184	184		
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	899	906	698			3,119	944	5,486	4,335	476			207	17,069		
		Labor Total		899	906	698			3,119	944	5,486	4,335	476			207	17,069		
	ELEC SYS PLANNING Total			899	906	698			3,119	944	5,486	4,335	476			207	17,069		
	Labor - Other	Labor	Labor Entries <\$5,000	128	442	(581)	(17)		213	(51)	(264)	250		10		(19)			
		Labor Total		128	442	(581)	(17)		213	(51)	(264)	250		10		(19)			
	Labor - Other Total			128	442	(581)	(17)		213	(51)	(264)	250		10		(19)			
	Other	Other	Other	-	-	-	-	87,433	(182,149)	115,203	7,315	(8,594)	43,868	(186,649)	26,892	(96,682)			
		Other Total		-	-	-	-	87,433	(182,149)	115,203	7,315	(8,594)	43,868	(186,649)	26,892	(96,682)			
	Other Total			-	-	-	-	87,433	(182,149)	115,203	7,315	(8,594)	43,868	(186,649)	26,892	(96,682)			
	SC&M	Labor	Labor Entries <\$5,000					60								60			
		Labor Total						60								60			
	SC&M Total							60								60			
	TRANSMISSION	Labor	Labor Entries <\$5,000	260	1,083	149			921	181	862	208				3,664			
		Labor Total		260	1,083	149			921	181	862	208				3,664			
	TRANSMISSION Total			260	1,083	149			921	181	862	208				3,664			
1. Project Support Total				1,287	2,430	326	(17)	87,433	(178,109)	116,541	13,612	(4,315)	44,594	(186,797)	27,292	(75,725)			
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	15,761	33,661	24,573	18,217	90	58,550	7,535	20,986	14,300	29,324	12,119	4,731	239,846			
		Contract Total		15,761	33,661	24,573	18,217	90	58,550	7,535	20,986	14,300	29,324	12,119	4,731	239,846			
	Construction Management Services Total			15,761	33,661	24,573	18,217	90	58,550	7,535	20,986	14,300	29,324	12,119	4,731	239,846			
	Construction, Earthwork	Contract	Contract Entries <\$50,000													25,816			
		Contract Total														133,165			
	Construction, Earthwork Total															133,165			
	Electrical Construction, Transmission Li	Contract	Contract Entries <\$50,000				1,676									1,676			
		Contract Total					1,676									1,676			
	Electrical Construction, Transmission Li Total						1,676									1,676			
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000													42,990			
		Contract Total														143,658			
	Major Construction, Turnkey, Trans/Subs Total															186,649			
3. Construction Total				17,436	33,661	24,573	18,217	90	191,715	24,608	20,986	14,300	38,067	198,768	201,936	784,356			
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	115	222	162	120	1	1,265	162	139	94	491	2,564	2,605	7,941			
		Chargeback Total		115	222	162	120	1	1,265	162	139	94	491	2,564	2,605	7,941			
	Chargebacks Total			115	222	162	120	1	1,265	162	139	94	491	2,564	2,605	7,941			
	Labor - Other	Labor	Division Overhead						21,209							8,437			
		Labor Entries <\$5,000		3,986	7,130	3,662	3,237	11	5,128	4,075	6,632	4,381	5,231	6,256	2,933	52,663			
		Labor Total		3,986	7,130	3,662	3,237	11	26,337	4,075	6,632	4,381	5,231	14,693	20,783	100,159			
	Labor - Other Total			4,101	7,352	3,824	3,357	12	27,602	4,238	6,632	4,381	5,231	14,693	20,783	100,159			
4. Allocated Total															17,257	23,388	108,100		
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax					4,258								11,123		15,381	
			AUDC - Debt/Equity	(3,848)												(261)	258	(3,852)	
			Capitalized Overhead - A&G	1,395	2,346	1,191	1,351	4	8,335	1,287	1,140	857	1,475	7,841	5,703	32,925			
			Capitalized Overhead - Inj & Damages	(40)	10	4	6		20	1	9	28	3	4	7	52			
			Capitalized Overhead - IT IMM	65	74	59	33	0	277	73	67	14	55	311	279	1,307			
			Capitalized Overhead - P&B/Payroll Tax	847	3,332	205	(20)		4,390	544	5,118	3,646	533	(104)	221	18,711			
		Non Budgeted Total		(1,581)	5,761	1,458	5,628	4	13,023	1,905	6,334	4,283	2,325	8,052	17,333	64,525			
5. Corporate Overhead Total				(1,581)	5,761	1,458	5,628	4	13,023	1,905	6,334	4,283	2,325	8,052	17,333	64,525			
				21,243	49,204	30,181	27,184	87,538	54,232	147,291	47,703	18,745	90,708	37,280	269,948	881,256			
				21,243	49,204	30,181	27,184	87,538	54,232	147,291	47,703	18,745	90,708	37,280	269,948	881,256			
				21,243	49,204	30,181	27,184	87,538	54,232	147,291	47,703	18,745	90,708	37,280	269,948	881,256			

Pin: 7555 Project: Mesa
Order: 902124398 - Mesa-Vincent2: Install 2 strcts+cndctr

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	06	07	08	09	10	11	12	
1. Project Support	DCM	Labor	Labor Entries <\$5,000													184
		Labor Total														184
	DCM Total															184
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	450		268				472	828	262				2,280
		Labor Total		450		268				472	828	262				2,280
	ELEC SYS PLANNING Total			450		268				472	828	262				2,280
	Labor - Other	Labor	Labor Entries <\$5,000		20	(20)				5	(5)		10		10	
		Labor Total			20	(20)				5	(5)		10		10	
	Labor - Other Total				20	(20)				5	(5)		10		10	
	Other	Other	Other	-	462	(462)	5,664	85,097	(133,675)	92,464	7,183	(21,539)	(0)	(143,658)	0	(108,465)
		Other Total		-	462	(462)	5,664	85,097	(133,675)	92,464	7,183	(21,539)	(0)	(143,658)	0	(108,465)
	Other Total			-	462	(462)	5,664	85,097	(133,675)	92,464	7,183	(21,539)	(0)	(143,658)	0	(108,465)
	TRANSMISSION	Labor	Labor Entries <\$5,000	693		91						90				874
		Labor Total		693		91						90				874
	TRANSMISSION Total			693		91						90				874
1. Project Support Total				1,143	462	(462)	6,042	85,077	(133,675)	92,464	7,655	(20,705)	347	(143,658)	193	(105,118)
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	2,808	12,514	14,182	41,641	5,626	6,448	233	117					83,569
		Contract Total		2,808	12,514	14,182	41,641	5,626	6,448	233	117					83,569
	Construction Management Services Total			2,808	12,514	14,182	41,641	5,626	6,448	233	117					83,569
	Construction, Earthwork	Contract	Contract Entries <\$50,000									41,212				62,750
		Contract Total										41,212				153,452
	Construction, Earthwork Total											41,212				216,202
	Electrical Construction, Transmission Li	Contract	Contract Entries <\$50,000									41,212				216,202
		Contract Total										41,212				29,825
	Electrical Construction, Transmission Li Total											41,212				79,164
	Major Construction, Turnkey, Trans/Subs	Contract	POWER GRADE INC									79,164				108,989
		Contract Total										79,164				143,658
	Major Construction, Turnkey, Trans/Subs Total											79,164				143,658
3. Construction Total				2,808	12,514	14,182	120,804	188,903	6,448	41,445	117		21,539	143,658		552,418
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	19	83	94	797	1,247	43	274	1		278	1,853		4,687
		Chargeback Total		19	83	94	797	1,247	43	274	1		278	1,853		4,687
	Chargebacks Total			19	83	94	797	1,247	43	274	1		278	1,853		4,687
	Labor - Other	Labor	Division Overhead					14,577	20,160					6,102		40,840
		Labor Total	Labor Entries <\$5,000	971	2,251	2,052	7,112	2,984	833	5,905	251	447	2,908	4,561	18	30,293
				971	2,251	2,052	21,689	23,144	833	5,905	251	447	2,908	10,663	18	71,132
	Labor - Other Total			971	2,251	2,052	21,689	23,144	833	5,905	251	447	2,908	10,663	18	71,132
4. Allocated Total				990	2,333	2,146	22,486	24,391	876	6,179	251	447	3,186	12,516	18	75,819
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax					952							3,432	4,385
			Capitalized Overhead - A&G	302	802	677	9,004	7,759	273	2,031	28	47	831	5,673	5	27,431
			Capitalized Overhead - Inj & Damages	(16)	2	2	43	9	1	1	0	4	2	3	0	52
			Capitalized Overhead - IT IMM	14	25	33	219	343	9	116	2	1	31	225	0	1,018
			Capitalized Overhead - P&B/Payroll Tax	693			417	(16)			393	717	242		107	2,554
		Non Budgeted Total		993	829	712	10,635	8,096	283	2,148	424	769	1,106	5,900	3,545	35,440
	Non Budget - Other Total			993	829	712	10,635	8,096	283	2,148	424	769	1,106	5,900	3,545	35,440
5. Corporate Overhead Total				993	829	712	10,635	8,096	283	2,148	424	769	1,106	5,900	3,545	35,440
				5,934	16,139	16,579	159,968	306,466	(126,069)	142,235	8,446	(19,489)	26,177	18,417	3,756	558,559
				5,934	16,139	16,579	159,968	306,466	(126,069)	142,235	8,446	(19,489)	26,177	18,417	3,756	558,559
				5,934	16,139	16,579	159,968	306,466	(126,069)	142,235	8,446	(19,489)	26,177	18,417	3,756	558,559

Pin: 7555 Project: Mesa
 Order: 902124580 - Mesa-Walnut: Install

SubCategory	Prime	Group	Detail	Month												Grand Total									
				01	02	04	05	06	07	08	09	10	11	12	Grand Total										
1. Project Support	DCM	Labor	Labor Entries <\$5,000													367	367								
		Labor Total														367	367								
	DCM Total															367	367								
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000													414	2,292	6,487							
		Labor Total														414	1,442	2,292	6,487						
	ELEC SYS PLANNING Total															414	1,442	2,292	6,487						
	Labor - Other	Labor	Labor Entries <\$5,000													4	(4)	35	(35)	160	160				
		Labor Total														4	(4)	35	(35)	160	160				
	Labor - Other Total															4	(4)	35	(35)	160	160				
	Other	Other	Other	(84,415)												564,048	(564,048)			54,311	(30,104)				
		Other Total		(84,415)												564,048	(564,048)			54,311	(30,104)				
	Other Total															(84,415)	564,048			54,311	(30,104)				
	TRANSMISSION	Labor	Labor Entries <\$5,000																	363	363				
		Labor Total																		363	363				
	TRANSMISSION Total																			363	363				
1. Project Support Total				(84,415)												564,048	(564,048)	704	619	1,052	(35)	414	1,442	57,493	(22,727)
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000													233	117					1,360		1,710	
		Contract Total														233	117					1,360		1,710	
	Construction Management Services Total																				1,360		1,710		
	Major Construction, Turnkey, Trans/Subs	Contract	POWER GRADE INC																		181,615		181,615		
		Contract Total																		181,615		181,615			
	Major Construction, Turnkey, Trans/Subs Total																			181,615		181,615			
3. Construction Total																				233	117		182,975	183,325	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000													2	1					2,360		2,363	
		Chargeback Total														2	1					2,360		2,363	
	Chargebacks Total																				2,360		2,363		
	Labor - Other	Labor	Division Overhead													310	316	533	(19)	198	584	7,514	9,436		
		Labor Total	Labor Entries <\$5,000													310	316	533	(19)	198	584	19,092	21,014		
	Labor - Other Total															310	316	533	(19)	198	584	19,092	21,014		
4. Allocated Total																310	317	534	(19)	198	584	21,452	23,377		
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax													1,605						1,394		2,999	-
			AFUDC - Debt/Equity	2	(2)											38	50	57	(2)	20	74	5,245	5,481		
			Capitalized Overhead - A&G													1	0	1	(0)	0	0	7	10		
			Capitalized Overhead - Inj & Damages													1	3	3	(0)	1	3	256	267		
			Capitalized Overhead - IT IMM													799	258	877	(30)	304	1,010	1,759	4,977		
			Capitalized Overhead - P&B/Payroll Tax													838	311	938	(32)	325	1,087	8,662	13,735		
		Non Budgeted Total		2	(2)	1,605										838	311	938	(32)	325	1,087	8,662	13,735		
5. Corporate Overhead Total				2	(2)	1,605										838	311	938	(32)	325	1,087	8,662	13,735		
				(84,413)	(2)	565,653	(564,048)									1,851	1,480	2,640	(85)	937	3,113	270,582	197,708		
				(84,413)	(2)	565,653	(564,048)									1,851	1,480	2,640	(85)	937	3,113	270,582	197,708		
				(84,413)	(2)	565,653	(564,048)									1,851	1,480	2,640	(85)	937	3,113	270,582	197,708		

Pin: 7555 Project: Mesa
Order: 902124582 - Redondo-Vincent:Inst

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
1. Project Support	Contract Consult/Contract Ord to Ord	Contract	Contract Consult/Contract Ord to Ord					68,079								68,079	
	Contract Consult/Contract Ord to Ord Total	Contract Total						68,079								68,079	
	DCM	Labor	Labor Entries <\$5,000													184	
	DCM Total	Labor Total														184	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	698		238		1,050								413	
	ELEC SYS PLANNING Total	Labor Total		698		238		1,050								413	
	Labor - Other	Labor	Labor Entries <\$5,000	526	(526)	45	2,528	1,998	(32)							45,585	
	Labor - Other Total	Labor Total		526	(526)	45	2,528	1,998	(32)							45,585	
	Other	Other		420,640	(495,681)	30,220	46,333	(725,036)	(24,618)	(11,995)	-	-	-	-	-	(760,136)	
	Other Total	Other Total		420,640	(495,681)	30,220	46,333	(725,036)	(24,618)	(11,995)	-	-	-	-	-	(760,136)	
	Other Total	SC&M	Labor Entries <\$5,000	420,640	(495,681)	30,220	46,333	(725,036)	(24,618)	(11,995)	-	-	-	-	-	(760,136)	
	SC&M	Labor		475												475	
	SC&M Total	Labor Total		475												475	
	TRANSMISSION	Labor	Labor Entries <\$5,000	335				4,124		112						4,571	
	TRANSMISSION Total	Labor Total	SC&M / Sub Stn Elect	335				15,192								15,192	
	TRANSMISSION Total			335				19,316		112						19,763	
	TRANSMISSION Total			335				19,316		112						19,763	
1. Project Support Total				420,640	(493,646)	29,694	46,616	(635,114)	(21,459)	(12,026)	-	-	-	-	-	644	(664,651)
2. Material	Material - Other	Material	Aircraft					4,737								4,737	
	Material - Other Total	Material Total	Special Transport					4,737		723						723	
	Material - Other Total							4,737		723						5,460	
2. Material Total								4,737		723						5,460	
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	1,385		1,348	9,220	45,406	9,870	7,025						74,253	
	Construction Management Services Total	Contract Total		1,385		1,348	9,220	45,406	9,870	7,025						74,253	
	Construction, Earthwork	Contract	Contract Entries <\$50,000	1,385		1,348	9,220	45,406	9,870	7,025						74,253	
	Construction, Earthwork Total	Contract Total	POWER GRADE INC	496,100					93,559							11,995	
	Construction, Earthwork Total		POWER GRADE INC	496,100				93,559		11,995						589,659	
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000	(496,100)				93,559		11,995						601,654	
	Major Construction, Turnkey, Trans/Subs Total	Contract Total		496,100				93,559		11,995						601,654	
	TRANSMISSION	Labor	Labor Entries <\$5,000													17,562	
	TRANSMISSION Total	Labor Total														17,562	
3. Construction Total				497,485		1,348	9,220	62,968	103,429	19,020						693,468	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	3,283	9	61	300	683	126							4,461	
	Chargebacks Total	Chargeback Total		3,283	9	61	300	683	126							4,461	
	Labor - Other	Labor	Division Overhead	89,850				6,584	7,291							103,725	
	Labor - Other Total	Labor Total	ETMA-Redondo-Vincent Temporary Structure					8,791								8,791	
	Labor - Other Total		Labor Entries <\$5,000	537	(54)	1,784	11,917	6,927	2,703							23,874	
	Non Budget - Other Total	Non Budgeted Total		90,387	(54)	1,784	27,293	14,218	2,703							60	136,390
4. Allocated Total				90,387	(54)	1,784	27,293	14,218	2,703							60	136,390
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax				4,046									4,046	
			AFUDC - Debt/Equity	23												24	
			Capitalized Overhead - A&G	32,030	32	711	6,575	4,713	961							18	45,041
			Capitalized Overhead - Inj & Damages	96	(1)	4	26	15	1							0	141
			Capitalized Overhead - IT IMM	1,006	2	17	291	157	55							1	1,528
			Capitalized Overhead - P&B/Payroll Tax	2,792	(375)	327	28,367	3,139	(11)							356	34,593
			Non Budgeted Total	23	35,923	(342)	5,106	35,258	8,024	1,006						375	85,374
				23	35,923	(342)	5,106	35,258	8,024	1,006						375	85,374
5. Corporate Overhead Total				23	35,923	(342)	5,106	35,258	8,024	1,006						375	85,374
				420,663	133,433	30,654	62,786	(509,295)	109,630	11,551	-	2	-	-		1,078	260,502
				420,663	133,433	30,654	62,786	(509,295)	109,630	11,551	-	2	-	-		1,078	260,502
				420,663	133,433	30,654	62,786	(509,295)	109,630	11,551	-	2	-	-		1,078	260,502

Pin: 7555 Project: Mesa
 Order: 902132965 - Goodrich-Laguna Bell: Install 1500ft cnd

SubCategory	Prime	Group	Detail	Month												Grand Total
				02	03	04	05	06	07	08	09	10	11	12		
1. Project Support	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000				743									743
		Contract Total					743									743
	Contract Consult/Contract Ord to Ord Total						743									743
	DCM	Labor	Labor Entries <\$5,000													184
		Labor Total														184
	DCM Total															184
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	1,221		2,383										3,839
		Labor Total		1,221		2,383										3,839
	ELEC SYS PLANNING Total			1,221		2,383										3,839
	Labor - Other	Labor	Labor Entries <\$5,000	661	(661)	72	(72)									10
		Labor Total		661	(661)	72	(72)									10
	Labor - Other Total			661	(661)	72	(72)									10
	Other	Other				43	105	36,699	(16,624)	-	-	-	-	-	-	20,223
		Other Total				43	105	36,699	(16,624)	-	-	-	-	-	-	20,223
	Other Total					43	105	36,699	(16,624)	-	-	-	-	-	-	20,223
	SC&M	Labor	Labor Entries <\$5,000	119												119
		Labor Total		119												119
	SC&M Total			119												119
	TRANSMISSION	Labor	Labor Entries <\$5,000	447		1,421		391								2,258
		Labor Total		447		1,421		391								2,258
	TRANSMISSION Total			447		1,421		391								2,258
1. Project Support Total				2,448	(661)	3,919	776	37,090	(16,624)	-	235	-	-	-	193	27,376
2. Material	Material - Other	Material	Special Transport								723					723
		Material Total									723					723
	Material - Other Total										723					723
2. Material Total																723
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	1,385	1,491	8,651	27,585	2,587								41,699
		Contract Total		1,385	1,491	8,651	27,585	2,587								41,699
	Construction Management Services Total			1,385	1,491	8,651	27,585	2,587								41,699
	Construction, Earthwork	Contract	Contract Entries <\$50,000								16,662					16,662
		POWER GRADE INC									129,963					129,963
		Contract Total									129,963					146,625
	Construction, Earthwork Total										129,963					146,625
3. Construction Total				1,385	1,491	8,651	27,585	132,550	16,662							188,324
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	9	10	57	187	875	110							1,248
		Chargeback Total		9	10	57	187	875	110							1,248
	Chargebacks Total			9	10	57	187	875	110							1,248
	Labor - Other	Labor	Division Overhead					14,408								14,408
		Labor Entries <\$5,000		1,440	(97)	3,155	3,452	2,806	2,379		126				18	13,280
		Labor Total		1,440	(97)	3,155	3,452	17,214	2,379		126				18	27,688
	Labor - Other Total			1,440	(97)	3,155	3,452	17,214	2,379		126				18	27,688
4. Allocated Total				1,449	(87)	3,213	3,639	18,089	2,489		126				18	28,936
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	285	31	989	1,164	5,638	849		13				5	8,974
			Capitalized Overhead - Inj & Damages	4	(1)	13	1	12	1		1				0	32
			Capitalized Overhead - IT IMM	9	2	24	51	187	48		0				0	322
			Capitalized Overhead - P&B/Payroll Tax	3,480	(472)	4,167	(57)	360							107	7,788
		Non Budgeted Total		3,778	(440)	5,193	1,160	6,198	898		202					
				3,778	(440)	5,193	1,160	6,198	898		217				113	17,117
	Non Budget - Other Total			3,778	(440)	5,193	1,160	6,198	898		217				113	17,117
5. Corporate Overhead Total				9,060	303	20,976	33,159	193,927	4,149	-	578	-	-		324	262,476
				9,060	303	20,976	33,159	193,927	4,149	-	578	-	-		324	262,476
				9,060	303	20,976	33,159	193,927	4,149	-	578	-	-		324	262,476

Pin: 7555 Project: Mesa
 Order: 902132967
 902132967 - LagunaBell-RioHondo:

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	06	07	08	09	10	11	12	
1. Project Support	DCM	Labor	Labor Entries <\$5,000													184
		Labor Total														184
	DCM Total															184
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	455	8,865											9,320
		Labor Total		455	8,865											9,320
	ELEC SYS PLANNING Total			455	8,865											9,320
	Labor - Other	Labor	Labor Entries <\$5,000	412	775	9,836	(11,023)									10
		Labor Total		412	775	9,836	(11,023)									10
	Labor - Other Total			412	775	9,836	(11,023)									10
	Other	Other	SODEXO MAGIC FOOD SERVICE	1,216,462	(64,374)	(375,181)	950,241	(1,884,594)	45,564	(25,540)	-	-	-	-	-	(137,421)
		Other Total				456	3,249									3,705
	Other Total			1,216,462	(64,374)	(374,725)	953,490	(1,884,594)	45,564	(25,540)	-	-	-	-	-	(133,16)
	SC&M	Labor	Labor Entries <\$5,000	431	211											642
		Labor Total		431	211											642
	SC&M Total			431	211											642
	TRANSMISSION	Labor	Labor Entries <\$5,000	782	31,450											32,232
		SC&M / Sub Stn Elect				22,688										22,688
		Labor Total		782	54,137											54,920
	TRANSMISSION Total			782	54,137											54,920
1. Project Support Total				1,217,759	(62,817)	(301,675)	942,467	(1,884,594)	45,564	(25,540)	-	-	-	-	-	193
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	15,310	77,173	8,441										100,925
		Contract Total		15,310	77,173	8,441										100,925
	Construction Management Services Total			15,310	77,173	8,441										100,925
	Construction, Earthwork	Contract	Contract Entries <\$50,000	POWER GRADE INC	678,478					161,546		38,180				50,820
		Contract Total		678,478					161,546		38,180					840,023
	Construction, Earthwork Total			678,478					161,546		38,180					890,843
	Electrical Construction, Transmission Li	Contract	Contract Entries <\$50,000	838												838
		Contract Total		838												243,272
	Electrical Construction, Transmission Li Total			838												244,110
	Major Construction, Turnkey, Trans/Subs	Contract	Contract Entries <\$50,000	POWER GRADE INC	678,478											(678,478)
		Contract Total		678,478												678,478
	Major Construction, Turnkey, Trans/Subs Total															-
	TRANSMISSION	Labor	Labor Entries <\$5,000	324	564	52,016										53,904
		Labor Total		324	564	52,016										53,904
	TRANSMISSION Total			324	564	52,016										53,904
3. Construction Total				1,162	694,352	372,461	8,441		161,546		38,180		12,640			1,288,782
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	6	4,579	2,115	56		1,066		252		163			8,236
		Chargeback Total		6	4,579	2,115	56		1,066		252		163			8,236
	Chargebacks Total			6	4,579	2,115	56		1,066		252		163			8,236
	Labor - Other	Labor	Division Overhead	125,168	64,440				17,503							207,210
		Labor Entries <\$5,000	873	663	12,249	(3,392)	2	5,371		5,440			1,621		18	20,845
		Paid Absence		873	11,581											11,381
		Labor Total		873	125,831	88,369	(3,392)	2	20,873		5,440		1,621		18	239,635
	Labor - Other Total			873	125,831	88,369	(3,392)	2	20,873		5,440		1,621		18	239,635
4. Allocated Total				879	130,410	90,484	(3,336)	2	21,940		5,692		1,784		18	247,872
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			11,552										12,200
			AFUDC - Debt/Equity		3,445								234			3,679
			Capitalized Overhead - A&G	204	44,616	22,249	(159)	1	6,847		1,871		478		5	76,112
			Capitalized Overhead - Inj & Damages	(18)	132	190	(21)	0	14		1		1		0	300
			Capitalized Overhead - IT IMM	10	1,402	1,093	(4)	0	228		106		18		0	2,852
			Capitalized Overhead - P&B/Payroll Tax	1,043	3,031	79,235	(12,721)								107	70,695
		Non Budgeted Total		1,238	52,626	102,767	(1,352)	1	7,089		1,979		234		497	12,312
	Non Budget - Other Total			1,238	52,626	102,767	(1,352)	1	7,089		1,979		234		497	12,312
				1,221,038	814,571	264,037	946,220	(1,884,591)	236,139	20,310	-	234		14,921		12,524
				1,221,038	814,571	264,037	946,220	(1,884,591)	236,139	20,310	-	234		14,921		1,645,403
				1,221,038	814,571	264,037	946,220	(1,884,591)	236,139	20,310	-	234		14,921		12,524
				1,221,038	814,571	264,037	946,220	(1,884,591)	236,139	20,310	-	234		14,921		1,645,403

Pin: 7555

Project: Mesa

Order: 902178838

902178838 - Mesa: Upgrade to a 500/230/66/16kV sub

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	06	07	08	09	10	11	12	
1. Project Support	As-built updates	Material - Other	As-built updates	0	0	0	3	3				36	347	11	78	477
		Material - Other Total		0	0	0	3	3				36	347	11	78	477
	As-built updates Total			0	0	0	3	3				36	347	11	78	477
	Con - Consults/Prof Svcs/Out Ord to Ord	Contract	Contract Entries <\$50,000					1,670	1,683	1,647	(99,231)	983	783	857	749	(90,859)
		Contract Total						1,670	1,683	1,647	(99,231)	983	783	857	749	(90,859)
	Con - Consults/Prof Svcs/Out Ord to Ord Total							1,670	1,683	1,647	(99,231)	983	783	857	749	(90,859)
	Contract Consult/Contract Ord to Ord	Contract	Contract Entries <\$50,000	8,698	4,982	5,682	5,613	5,945	7,892	6,963	5,954	5,223	5,596	13,427	7,276	83,352
		Contract Total		8,698	4,982	5,682	5,613	5,945	7,892	6,963	5,954	5,223	5,596	13,427	7,276	83,352
	Contract Consult/Contract Ord to Ord Total			8,698	4,982	5,682	5,613	5,945	7,892	6,963	5,954	5,223	5,596	13,427	7,276	83,352
	DCM	Labor	Labor Entries <\$5,000				157					1,392	572	402	401	1,250
		Labor Total					157					1,392	572	402	401	1,250
	DCM Total						157					1,392	572	402	401	1,250
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	918	1,598	2,575	1,970	976	1,715	3,946	3,128	2,265	8,813	8,946	4,156	41,006
		Labor Total		918	1,598	2,575	1,970	976	1,715	3,946	3,128	2,265	8,813	8,946	4,156	41,006
	ELEC SYS PLANNING Total			918	1,598	2,575	1,970	976	1,715	3,946	3,128	2,265	8,813	8,946	4,156	41,006
	Engineering/Technical Professional Servi	Contract	Contract Entries <\$50,000	145		6,370		30,697	1,160			4,145	7,412	6,648		74,950
		FIP-Mesa: Upgrade to a 500/230/66/16kV s				51,555										51,555
	Engineering/Technical Professional Servi Total			145		57,925		30,697	1,160			4,145	7,412	6,648		18,374
	Labor - Other	Labor	Labor Entries <\$5,000	3,284	4,511	4,431	3,934	8,371	1,588	7,866	2,925	2,294	9,330	1,229	14,431	54,624
		Labor Total		3,284	4,511	4,431	3,934	8,371	1,588	7,866	2,925	2,294	9,330	1,229	14,431	54,624
	Labor - Other Total			3,284	4,511	4,431	3,934	8,371	1,588	7,866	2,925	2,294	9,330	1,229	14,431	54,624
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	3,284	4,511	4,431	170	66								291
		Labor Total		3,284	4,511	4,431	170	66								291
	MAJOR PROJECT ORG Total			3,284	4,511	4,431	170	66								291
	Other	Other	Other	2	8	3,150	9	67	97	183	918	(912)	1,403	158	105	5,187
		SODEKO MAGIC FOOD SERVICE		2	8	3,150	9	67	97	195	918	(912)	1,403	158	105	5,199
	Other Total			2	8	3,150	9	67	97	195	918	(912)	1,403	158	105	5,199
1. Project Support Total				13,047	11,099	73,921	13,369	46,058	14,201	22,010	(81,534)	17,702	33,322	25,876	52,692	241,763
2. Material	Labor - Other	Labor	Labor Entries <\$5,000													1,632
		Labor Total	T&D Supply Expense													14,692
	Labor - Other Total															16,324
	Material - Inventory	Material	Transformers CT/PT/INSTR-DP													16,324
	Material - Inventory Total															16,324
	Material - Other	Material	Material Direct Purchase Ord to Ord					80,334			(80,334)					3,645
		Material Sales Tax Expense														3,645
		TDBU B-Items				68			(43)			63	(1)			88
	Material - Other Total	Material Total						80,402			(80,377)					23,483
2. Material Total								80,402			(80,377)					23,483
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000													912
		Contract Total														912
	Construction Management Services Total															912
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000		137	231	493	1,415	312	152	295	156	165			3,355
		Labor Total		137	231	493	1,415	312	152	295	156	165				3,355
	ELEC SYS PLANNING Total			137	231	493	1,415	312	152	295	156	165				3,355
3. Construction Total				137	231	493	1,415	312	1,064	295	156	165				4,267
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	6,484	4,906	5,337	7,397	5,867	4,546	6,604	4,094	3,630	8,508	3,520	6,559	67,451
		Mesa Env Exec - Mitigation & Site Rest.								8,370						8,370
		Mesa Env Exec - Monitoring & Surveys		13,448	14,421	37,512	15,631			33,273	14,135		15,359	13,925	28,364	186,069
		Mesa Env Exec - Project Mgmt & Adm				6,572										6,572
		PG-WMR_Mesa Sub Soil Sampling		12,699	10,197											22,896
		Chargeback Total		19,183	28,552	26,329	44,909	21,498	4,546	48,248	18,229	3,630	23,867	17,445	34,922	291,158
		Labor	Labor Entries <\$5,000													1,045
		MATERIAL MANAGEM														9,403
		Labor Total		19,183	28,552	26,329	44,909	21,498	4,546	48,248	18,229	3,630	23,867	17,445	34,922	291,158
	Chargebacks Total															10,448
	Labor - Other	Labor	Division Overhead		1,756	2,019	9,147	2,717	5,467	2,584	5,784	2,833	4,968	11,956	5,664	3,113
		Labor Entries <\$5,000		1,756	2,019	9,147	2,717	5,467	2,584	5,784	2,833	4,968	11,956	5,664	3,113	58,007
		Labor Total		1,756	2,019	9,147	2,717	5,467	2,584	5,784	2,833	4,968	11,956	5,664	3,113	77,886
	Labor - Other Total			1,756	2,019	9,147	2,717	5,467	2,584	5,784	2,833	4,968	11,956	5,664	3,113	77,886
4. Allocated Total				20,939	30,571	35,476	47,626	26,965	7,131	54,031	21,061	8,599	66,148	23,109	38,035	379,691
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax				1,828									6,485
			AUDC - Debt/Equity	(1,809)												8,313
			Capitalized Overhead - A&G	2,077	2,250	4,537	3,831	5,587	814	3,303	(4,719)	1,044	11,391	1,917	2,296	34,430
			Capitalized Overhead - Inj & Damages	(66)	10	20	38	6	8	(46)	37	160	5	9	203	
			Capitalized Overhead - IT IMM	97	71	223	93	247	27	188	(278)	16	427	76	112	1,300
			Capitalized Overhead - P&B/Payroll Tax	4,465	8,522	5,754	8,935	6,334	6,772	6,632	6,553	6,483	12,787	9,240	6,165	88,643
			Non Budgeted Total	4,764	10,853	10,534	14,708	12,207	7,619	10,130	1,511	7,459	24,766	11,239	15,068	130,857
				4,764	10,853	10,534	14,708	12,207	7,619	10,130	1,511	7,459	24,766	11,239	15,068	130,857
				38,750	52,522	119,932	75,840	165,863	29,443	87,586	(139,026)	34,823	368,569	64,023	105,960	1,004,285
				38,750	52,522	119,932	75,840	165,863	29,443	87,586	(139,026)	34,823	368,569	64,023	105,960	1,004,285
				38,750	52,522	119,932	75,840	165,863	29,443	87,586	(139,026)	34,823	368,569	64,023	105,960	1,004,285

Pin: 7555
Order: 902124234

Project: Mesa
902124234 - Mesa-Mira Loma: Inst

SubCategory	Prime	Group	Detail	Month					Grand Total
				01	02	04	05		
1. Project Support	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	899					899
		Labor Total		899					899
	ELEC SYS PLANNING Total			899					899
	Other	Other	Other		49,603	(49,603)	-		-
		Other Total			49,603	(49,603)	-		-
	Other Total				49,603	(49,603)	-		-
	TRANSMISSION	Labor	Labor Entries <\$5,000	289	1,073				1,361
		Labor Total		289	1,073				1,361
	TRANSMISSION Total			289	1,073				1,361
1. Project Support Total				1,188	1,073	49,603	(49,603)		2,261
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000		10,368				10,368
		Contract Total			10,368				10,368
	Construction Management Services Total				10,368				10,368
3. Construction Total					10,368				10,368
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000		68				68
		Chargeback Total			68				68
	Chargebacks Total				68				68
	Labor - Other	Labor	Labor Entries <\$5,000	542	2,152				2,693
		Labor Total		542	2,152				2,693
	Labor - Other Total			542	2,152				2,693
4. Allocated Total				542	2,220				2,762
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			193			193
			AFUDC - Debt/Equity	7	(7)				-
			Capitalized Overhead - A&G	106	738				843
			Capitalized Overhead - Inj & Damages	(13)	3				(9)
			Capitalized Overhead - IT IMM	5	23				28
			Capitalized Overhead - P&B/Payroll Tax	776	1,251				2,027
		Non Budgeted Total		880	2,009	193			3,082
	Non Budget - Other Total			880	2,009	193			3,082
5. Corporate Overhead Total				880	2,009	193			3,082
					2,610	15,670	49,797	(49,603)	18,473
					2,610	15,670	49,797	(49,603)	18,473
					2,610	15,670	49,797	(49,603)	18,473

Pin: 7555
Project: Mesa
 Order: 902124236

SubCategory	Prime	Group	Detail	Month												Grand Total	
				02	03	05	06	07	08	09	10	11	12				
1. Project Support	DCM	Labor	Labor Entries <\$5,000													184	184
		Labor Total														184	184
	DCM Total															184	184
ELEC SYS PLANNING	Labor	Labor Entries <\$5,000		523				622	814	235		618	620	3,432			
	Labor Total			523				622	814	235		618	620	3,432			
ELEC SYS PLANNING Total				523				622	814	235		618	620	3,432			
Labor - Other	Labor	Labor Entries <\$5,000		93	(93)			141	(106)	(35)				47	47		
	Labor Total			93	(93)			141	(106)	(35)				47	47		
Labor - Other Total				93	(93)			141	(106)	(35)				47	47		
Other	Other	Other				84,415	(65,844)	(8,442)	-	-	-	-	-		10,130		
Other Total	Other Total					84,415	(65,844)	(8,442)	-	-	-	-	-		10,130		
SC&M	Labor	Labor Entries <\$5,000		89											89		
	Labor Total			89											89		
SC&M Total				89											89		
TRANSMISSION	Labor	Labor Entries <\$5,000		279											279		
	Labor Total			279											279		
TRANSMISSION Total				279											279		
1. Project Support Total				985	(93)	84,415	(65,844)	(7,679)	708	201	-	618	850	14,161			
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000					233	466	117					816		
	Construction Management Services Total	Contract Total						233	466	117					816		
Construction, Earthwork	Contract	Contract Entries <\$50,000						233	466	117					816		
	POWER GRADE INC							65,844							8,442		
Construction, Earthwork Total	Contract Total							65,844	8,442						65,844		
3. Construction Total								65,844	8,442						74,286		
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000					435	57	3	1				496		
	Chargebacks Total	Chargeback Total						435	57	3	1				496		
Labor - Other	Labor	Labor Entries <\$5,000		469	(44)			8,508	1,584	428	125				11,399		
	Labor Total			469	(44)			8,508	1,584	428	125				11,399		
Labor - Other Total				469	(44)			8,508	1,584	428	125				11,399		
4. Allocated Total				469	(44)			8,942	1,641	431	126				250	79	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax												536	536	
		Capitalized Overhead - A&G		79	(6)			2,791	472	54	16				32	23	
		Capitalized Overhead - Inj & Damages		1	(0)			6	1	1	1				0	10	
		Capitalized Overhead - IT IMM		2	(0)			93	27	3	0				1	128	
		Capitalized Overhead - P&B/Payroll Tax		1,389	(66)			318	590	172		433	470	3,306			
	Non Budgeted Total			1,471	(72)			2,890	818	648	190				466	1,031	
				1,471	(72)			2,890	818	648	190				466	1,031	
Non Budget - Other Total				1,471	(72)			2,890	818	648	190				466	1,031	
5. Corporate Overhead Total				2,925	(209)	84,415	11,832	3,456	2,252	633	-	1,334	1,960	108,599			
				2,925	(209)	84,415	11,832	3,456	2,252	633	-	1,334	1,960	108,599			
				2,925	(209)	84,415	11,832	3,456	2,252	633	-	1,334	1,960	108,599			

Pin: 7555

Project: Mesa

Order: 902124388

902124388 - Laguna Bell-Mesa #1 220kV: Install 2300 ckt ft of conductor

SubCategory	Prime	Group	Detail	Month				Grand Total
				07	08	11	12	
1. Project Support	DCM	Labor	Labor Entries <\$5,000				184	184
		Labor Total					184	184
	DCM Total						184	184
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000				413	413
		Labor Total					413	413
	ELEC SYS PLANNING Total						413	413
	Labor - Other	Labor	Labor Entries <\$5,000				47	47
		Labor Total					47	47
	Labor - Other Total						47	47
1. Project Support Total							644	644
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	945	466	1,178	1,450	4,039
		Contract Total		945	466	1,178	1,450	4,039
	Construction Management Services Total			945	466	1,178	1,450	4,039
3. Construction Total				945	466	1,178	1,450	4,039
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	6	3	15	19	43
		Chargeback Total		6	3	15	19	43
	Chargebacks Total			6	3	15	19	43
	Labor - Other	Labor	Labor Entries <\$5,000	135	83	87	209	514
		Labor Total		135	83	87	209	514
	Labor - Other Total			135	83	87	209	514
4. Allocated Total				141	86	103	228	557
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Capitalized Overhead - A&G	46	18	47	59	170
			Capitalized Overhead - Inj & Damages	0	0	0	0	0
			Capitalized Overhead - IT IMM	3	1	2	3	8
			Capitalized Overhead - P&B/Payroll Tax				356	356
	Non Budget - Other Total	Non Budgeted Total		49	20	48	418	535
				49	20	48	418	535
5. Corporate Overhead Total				49	20	48	418	535
				1,134	572	1,329	2,739	5,774
				1,134	572	1,329	2,739	5,774
				1134.41	572.12	1328.77	2739.06	5774.36

Pin: 7555 **Project: Mesa**
Order: 902124389 **902124389 - Laguna Bell-Mesa2: I**

SubCategory	Prime	Group	Detail	Month										Grand Total	
				02	03	04	05	06	07	08	09	10	11	12	
1. Project Support	Labor - Other	Labor	Labor Entries <\$5,000		3,304	(3,304)									-
		Labor Total			3,304	(3,304)									-
	Labor - Other Total														-
	Other	Other		212	(122)	20,089	109,215	-	(65,150)	-	(6,320)	-	-	-	57,924
		Other Total		212	(122)	20,089	109,215	-	(65,150)	-	(6,320)	-	-	-	57,924
	Other Total			212	(122)	20,089	109,215	-	(65,150)	-	(6,320)	-	-	-	57,924
	TRANSMISSION	Labor	Labor Entries <\$5,000		4,873										4,873
		Labor Total			4,873										4,873
	TRANSMISSION Total				4,873										4,873
	1. Project Support Total			212	8,054	16,785	109,215	-	(65,150)	-	(6,320)	-	-	-	62,797
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	47,207	212	7,478		350	583						55,830
		Contract Total		47,207	212	7,478		350	583						55,830
	Construction Management Services Total			47,207	212	7,478		350	583						55,830
	Construction, Earthwork	Contract	POWER GRADE INC					58,830							58,830
		Contract Total						58,830							58,830
	Construction, Earthwork Total							58,830							58,830
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000			197									197
		Labor Total				197									197
	ELEC SYS PLANNING Total					197									197
	Short Term Equipment Rent	Contract	Contract Entries <\$50,000				617								617
3. Construction Total		EXCEL HIGH REACH				63,751									63,751
		Contract Total				64,368									64,368
	Short Term Equipment Rent Total					64,368									64,368
	TRANSMISSION	Labor	Labor Entries <\$5,000			9,138									9,138
		Labor Total				9,138									9,138
	TRANSMISSION Total					9,138									9,138
	3. Construction Total			47,207	9,548	71,847		59,180	583						188,364
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	312	1	49		391	4						757
		Chargeback Total		312	1	49		391	4						757
	Chargebacks Total			312	1	49		391	4						757
	Labor - Other	Labor	Division Overhead			8,245		5,029							13,274
		Labor Entries <\$5,000		8,409	7,277	2,906		3,403	104						22,099
		Labor Total		8,409	7,277	11,152		8,432	104						35,373
	Labor - Other Total			8,409	7,277	11,152		8,432	104						35,373
	4. Allocated Total			8,720	7,279	11,201		8,823	308						36,130
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			564									1,564
			AFUDC - Debt/Equity	(153)											2,128
			Capitalized Overhead - A&G	3,020	1,041	4,998		2,900	23						6,989
			Capitalized Overhead - Inj & Damages	9	22	135		2	0						11,981
			Capitalized Overhead - IT IMM	95	51	121		165	1						168
			Capitalized Overhead - P&B/Payroll Tax		11,885	(3,812)									434
		Non Budgeted Total		2,970	12,999	2,006		3,067	6,712	454					8,072
	Non Budget - Other Total			2,970	12,999	2,006		3,067	6,712	454					29,772
	5. Corporate Overhead Total			2,970	12,999	2,006		3,067	6,712	454					29,772
				59,109	37,879	101,838	109,215	-	5,919	7,403	(5,866)	-	-	-	317,062
				59,109	37,879	101,838	109,215	-	5,919	7,403	(5,866)	-	-	-	317,062
				59,109	37,879	101,838	109,215	-	5,919	7,403	(5,866)	-	-	-	317,062

Pin: 7555 Project: Mesa
Order: 902124394 902124394 - Mesa-Rio Hondo #1 220kV: Install 48 structures and 3000 ckt ft of conductor

SubCategory	Prime	Group	Detail	Month								Grand Total
				02	06	07	08	09	10	11	12	
1. Project Support	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000		1,730			206	414		639	2,989
		Labor Total			1,730			206	414		639	2,989
	ELEC SYS PLANNING Total				1,730			206	414		639	2,989
	Labor - Other	Labor	Labor Entries <\$5,000		35	(35)					66	66
		Labor Total			35	(35)					66	66
	Labor - Other Total				35	(35)					66	66
	Other	Other	Other		43,325	(19,653)	-	-	-	-	21,089	44,761
		Other Total			43,325	(19,653)	-	-	-	-	21,089	44,761
	Other Total				43,325	(19,653)	-	-	-	-	21,089	44,761
	TRANSMISSION	Labor	Labor Entries <\$5,000		530						272	802
		Labor Total			530						272	802
	TRANSMISSION Total				530						272	802
1. Project Support Total					45,621	(19,689)	-	206	414	-	22,066	48,618
3. Construction	Construction Management Services	Contract	Contract Entries <\$50,000	5,055	19,409	19,809	10,349	686			6,100	61,407
		Contract Total			5,055	19,409	19,809	10,349	686		6,100	61,407
	Construction Management Services Total				5,055	19,409	19,809	10,349	686		6,100	61,407
	Construction, Earthwork	Contract	Contract Entries <\$50,000				19,693				19,693	
		POWER GRADE INC				153,609					153,609	
	Construction, Earthwork Total	Contract Total				153,609	19,693				173,302	
	Major Construction, Turnkey, Trans/Subs	Contract	POWER GRADE INC				153,609	19,693			173,302	
		Contract Total									154,651	
	Major Construction, Turnkey, Trans/Subs Total										154,651	
3. Construction Total				5,055	173,017	39,502	10,349	686			160,751	389,360
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	33	1,142	261	68	5			2,074	3,582
		Chargeback Total		33	1,142	261	68	5			2,074	3,582
	Chargebacks Total			33	1,142	261	68	5			2,074	3,582
	Labor - Other	Labor	Division Overhead			18,994					10,058	29,053
		Labor Entries <\$5,000		909	4,249	5,618	1,844	212	198		6,546	19,577
	Labor - Other Total	Labor Total		909	23,244	5,618	1,844	212	198		16,604	48,629
				909	23,244	5,618	1,844	212	198		16,604	48,629
4. Allocated Total				943	24,385	5,879	1,913	216	198		18,678	52,212
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax								2,524	2,524
			Capitalized Overhead - A&G	324	7,453	1,935	409	41	20		4,558	14,740
			Capitalized Overhead - Inj & Damages	1	17	1	1	1	0		6	28
			Capitalized Overhead - IT IMM	10	248	110	24	1	1		223	616
			Capitalized Overhead - P&B/Payroll Tax		2,493	(15)		177	304		540	3,499
	Non Budget - Other Total	Non Budgeted Total		335	10,211	2,032	434	220	325		7,850	21,407
5. Corporate Overhead Total				335	10,211	2,032	434	220	325		7,850	21,407
				6,332	253,234	27,724	12,696	1,329	937	-	209,344	511,596
				6,332	253,234	27,724	12,696	1,329	937	-	209,344	511,596
				6,332	253,234	27,724	12,696	1,329	937	-	209,344	511,596

2018 YTD			
Project	Work Order	Work Order Description	Total
Eldorado-Lugo-Mohave	901056468	Lugo Sub: Upgrade Terminal Equipment and	7,056,978
	901056467	Eldorado Sub: Upgrade Terminal Equipment	4,803,412
	901904772	Lugo-Mohave T/L(CA): Instal OPGW, splice	2,505,361
	901904770	Eldorado-Mohave T/L: Instal OPGW, splice	1,012,359
	901490550	Mohave Sub:Install CBs, Disc.&series cap	3,911,755
	901904773	Lugo-Mohave T/L(NV): Instal OPGW, splice	155,735
	901904774	Eldorado-Lugo T/L(CA): Clear infractions	1,140,854
	901826564	Inst Eldo-Lug-Mhve Series Caps at Ludlow	4,570,765
	901624163	Mid-Line Cap:Inst cap on Eldor Lugo T/L	4,614,838
	801648460	ACQ/ELMSC_MPO	14,088
Grand Total			29,786,147

Pin: 7546 Project: Eldorado-Lugo-Mohave
Order: 801648460 801648460 - ACQ/ELMSC_MPO

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	03	04	05	06	07	08	09	10	11	12		
1. Project Support	DCM	Labor	Labor Entries <\$5,000	-						484					1,065	1,549
		Labor Total		-						484					1,065	1,549
	DCM Total			-						484					1,065	1,549
ELEC SYS PLANNING	Labor	Labor Entries <\$5,000			119	-									119	119
		Labor Total			119	-									119	119
ELEC SYS PLANNING Total					119	-									119	119
HRealProp	Labor	Labor Entries <\$5,000		230	360	322	971	651	239	392	327	1,867	3,685	9,042		
		Labor Total		230	360	322	971	651	239	392	327	1,867	3,685	9,042		
HRealProp Total				230	360	322	971	651	239	392	327	1,867	3,685	9,042		
Labor - Other	Labor	Labor Entries <\$5,000		7	0	97	(104)	27	(32)	10	20	(23)	250	252		
		Labor Total		7	0	97	(104)	27	(32)	10	20	(23)	250	252		
Labor - Other Total				7	0	97	(104)	27	(32)	10	20	(23)	250	252		
Other	Other	Other		-											-	
		Other Total		-											-	
Other Total				-											-	
1. Project Support Total				-	237	478	419	867	677	692	402	346	1,844	4,999	10,961	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	(6,903)		770									(6,133)	
			ACQ/ELMSC	6,903											6,903	
		Chargeback Total		-		770									770	
	Chargebacks Total			-		770									770	
Labor - Other	Labor	Labor Entries <\$5,000		0	85	168	142	303	236	245	170	133	649	81	2,213	
		Labor Total		0	85	168	142	303	236	245	170	133	649	81	2,213	
Labor - Other Total				0	85	168	142	303	236	245	170	133	649	81	2,213	
4. Allocated Total				0	85	938	142	303	236	245	170	133	649	81	2,982	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	AFUDC - Debt/Equity				144								144	
		Non Budgeted Total					144								144	
	Non Budget - Other Total						144								144	
5. Corporate Overhead Total							144								144	
				0	322	1,416	705	1,170	914	936	573	479	2,492	5,080	14,088	
				0	322	1,416	705	1,170	914	936	573	479	2,492	5,080	14,088	
				0	322	1,416	705	1,170	914	936	573	479	2,492	5,080	14,088	

Pin: 7546

Project: Eldorado-Lugo-Mohave

Order: 901056467

901056467 - Eldorado Sub: Upgrade Terminal Equipment

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
1. Project Support	As-built updates	Material - Other	As-built updates	0	0	11	19	98	68	14	767	976					
		Material - Other Total		0	0	11	19	98	68	14	767	976					
	As-built updates Total			0	0	11	19	98	68	14	767	976					
	Con - Consults/Prof Svcs/Out Ord Contract	Con - Consults/Prof Svcs/Out Ord to Ord	1,949,006	1,542,395	108,680											3,600,081	
		Contract Entries <\$50,000	79,572	(0)	39,246	(105,135)		278	287	333	368	548	644			16,142	
		Contract Total	2,028,578	(0)	1,581,641	3,546		278	287	333	368	548	644			3,616,223	
	Con - Consults/Prof Svcs/Out Ord to Ord Total		2,028,578	(0)	1,581,641	3,546		278	287	333	368	548	644			3,616,223	
	Contract - Other - Correction	Contract	Contract Entries <\$50,000		(0)	(26)										(26)	
		Contract Total			(0)	(26)										(26)	
	Contract - Other - Correction Total																
	Contract Consult/Contract Ord to Contract	Contract	Contract Entries <\$50,000	226	260	1	242	1,909	1,745	1,101	2,033	1,274	2,194	1,733		12,716	
		Contract Total	226	260	1	242	1,909	1,745	1,101	2,033	1,274	2,194	1,733			12,716	
	Contract Consult/Contract Ord to Ord Total		226	260	1	242	1,909	1,745	1,101	2,033	1,274	2,194	1,733			12,716	
	DCM	Labor	Labor Entries <\$5,000		177	192										369	
		Labor Total			177	192										369	
	DCM Total																
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	4,886	12,576	5,888	6,361	6,034	2,957	6,767	13,461	4,342	4,463	4,766	3,769	76,271	
		Labor Total		4,886	12,576	5,888	6,361	6,034	2,957	6,767	13,461	4,342	4,463	4,766	3,769	76,271	
	ELEC SYS PLANNING Total			4,886	12,576	5,888	6,361	6,034	2,957	6,767	13,461	4,342	4,463	4,766	3,769	76,271	
	Engineering/Technical Professional Contract	Contract Entries <\$50,000		(0)	8												
		HDR ENGINEERING INC						110,429								128,605	
	Contract Total					(0)	8									239,034	
	Engineering/Technical Professional Serv Total					(0)	8										
	Labor - Other	Labor	Labor Correction		0		32,826										
		Labor Entries <\$5,000	(2,026,963)	3,488	(2,345)	(32,518)	5,362	(1,911)	1,860	1,826	456	2,367	425	1,496		32,826	
		ELM Execution EPC contractor Environment						110,429								32,826	
		Eldorado Sub - EPC modify existing Serie															
		Labor Total	(2,026,963)	3,488	(2,345)	307	5,362	(1,911)	1,860	1,826	456	2,367	425	547,321		518,055	
	Labor - Other Total			(2,026,963)	3,488	(2,345)	307	5,362	(1,911)	1,860	1,826	456	2,367	425	547,321		518,055
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000		0	35	11									293	
		Labor Total			0	35	11									293	
	MAJOR PROJECT ORG Total					0	35	11								293	
	Other	Other	Other	1,738	1,767	(2,332)	(312)	(3,457)	678	64	46	74	1,313	652	189	421	
		SODEXO MAGIC FOOD SERVICE	47	51	6	0							106		23	232	
		Other Total															
	Other Total			1,785	1,818	(2,326)	(312)	(3,457)	678	64	46	74	1,419	652	212	653	
	Temporary/Supplementary - Trade Contract	Contract Entries <\$50,000		(0)	0											0	
	Contract Total				(0)	0										0	
	Temporary/Supplementary - Trade/Labor Total															0	
	Consultants / Prof Services - Corre/Contract	Consultants / Prof Services - Correction		0		(1,811)										(1,811)	
		Contract Total		0		(1,811)										(1,811)	
		Consultants / Prof Services - Correction Total		0		(1,811)										(1,811)	
1. Project Support Total				8,512	18,142	1,583,070	8,288	8,200	3,633	121,144	16,722	7,335	11,280	10,328	699,151	2,495,804	
2. Material	Labor - Other	Labor	Labor Entries <\$5,000		(0)	(0)										(0)	
		Labor Total			(0)	(0)										(0)	
	Labor - Other Total																
	Material - Other	Material	TDBU B-Items	1												1	
		Material Total		1												1	
	Material - Other Total			1												1	
2. Material Total						(0)											
3. Construction	Construction Management Service Contract	Contract Entries <\$50,000	7,177	6,727	9,640	7,781	8,148	1,544	2,015	1,547	775	775	1,240	6,823		54,193	
	Contract Total		7,177	6,727	9,640	7,781	8,148	1,544	2,015	1,547	775	775	1,240	6,823		54,193	
	Construction Management Services Total		7,177	6,727	9,640	7,781	8,148	1,544	2,015	1,547	775	775	1,240	6,823		54,193	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000				375	293								668	
		Labor Total					375	293								668	
	ELEC SYS PLANNING Total						375	293								668	
	GRID OPS	Labor	Labor Entries <\$5,000	392	625	2,362	1,898	1,710	1,534	364	1,748	483	1,011	1,495	1,757	15,379	
		Labor Total	392	625	2,362	1,898	1,710	1,534	364	1,748	483	1,011	1,495	1,757	15,379		
	GRID OPS Total			392	625	2,362	1,898	1,710	1,534	364	1,748	483	1,011	1,495	1,757	15,379	
	SC&M	Labor	Labor Entries <\$5,000		2,222	469	2									4,526	
		Labor Total			2,222	469	2									4,526	
	SC&M Total															4,526	
	TRANSMISSION	Labor	Labor Entries <\$5,000		999		1									999	
		Labor Total			999		1									999	
	TRANSMISSION Total			7,569	10,573	12,472	9,682	9,858	3,453	2,672	3,295	1,258	1,786	7,261	9,165	79,043	
3. Construction Total																	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	8,896	4,379	10,760	(123,126)	3,523	1,459	4,641	4,390	2,891	3,509	3,106	2,645	(72,926)	
			FIP-Eldorado Sub: Upgrade Terminal Equip	112,440	46,410	153,492	144,894	299,321	54,380	11,541	216,200	53,458	44,502	39,251	79,641	1,255,529	
		Chargeback Total		121,335	50,789	164,252	21,768	302,844	55,838	16,182	220,590	56,349	48,011	42,357	82,287	1,182,603	
		Labor	Labor Entries <\$5,000				(0)									(0)	
		Labor Total					(0)										
	Chargebacks Total																
	Labor - Other	Labor	Division Overhead		121,335	50,789	164,252	21,768	302,844	55,838	16,182	220,590	56,349	48,011	42,357	82,287	1,182,603
		Labor Entries <\$5,000	14,320	9,628	8,331	(13,223)	4,853	2,097	10,101	7,436	3,372	3,756	4,757	6,660	7,141	18,114	
		Paid Absence				7,061										62,089	
		ELM Execution EPC contractor project man	129,385				185,547	11,358								129,385	
		Eldorado Sub - EPC modify existing Serie	130,164				130,164	5,196	4,853	2,097	21,074	7,436	3,372	3,756	4,757	327,068	
		Labor Total	273,869	9,628	193,878	5,196	4,853	2,097	21,074	7,436	3,372	3,756	4,757	13,801	543,718		
	Labor - Other Total			273,869	9,628	193,878	5,196	4,853	2,097	21,074	7,436	3,372	3,756	4,757	13,801	543,718	

Pin: 7546 Project: Eldorado-Lugo-Mohave
Order: 901056467 901056467 - Eldorado Sub: Upgrade Terminal Equipment

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
	IMM/Allocated - Correction	IMM Correction	IMM/Allocated - Correction				(21)									(21)	
		IMM Correction Total					(21)									(21)	
	IMM/Allocated - Correction Total						(21)									(21)	
	Overhead - Correction	Overhead	Overhead - Correction			(0)		(3)									(3)
		Overhead Total				(0)		(3)								(3)	
	Overhead - Correction Total					(0)		(3)								(3)	
4. Allocated Total				395,205	60,417	358,130	26,940	307,697	57,935	37,256	228,026	59,722	51,767	47,114	96,088	1,726,296	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax				206		66,881						28,151	95,237	
			AFUDC - Debt/Equity	(23,724)				79,232								59,279	
			Capitalized Overhead - A&G	25,056	4,746	81,141	16,552	11,973	2,427	6,868	8,275	2,523	2,148	2,334	20,334	184,377	
			Capitalized Overhead - IT IMM	1,173	149	3,985	47	530	81	391	487	40	80	93	994	8,050	
			Capitalized Overhead - P&B/Payroll Tax	11,408	37,827	12,573	(19,726)	15,832	13,890	8,783	25,029	13,367	13,612	14,247	8,483	155,325	
		Non Budgeted Total				13,914	42,723	97,700	(2,921)	107,566	83,278	16,042	33,791	19,701	15,840	502,268	
	Non Budget - Other Total					13,914	42,723	97,700	(2,921)	107,566	83,278	16,042	33,791	19,701	15,840	502,268	
5. Corporate Overhead Total				13,914	42,723	97,700	(2,921)	107,566	83,278	16,042	33,791	19,701	15,840	16,673	502,268		
#N/A	#N/A	#N/A	#N/A				0									0	
			#N/A Total				0									0	
			#N/A Total				0									0	
#N/A Total				425,200	131,854	2,051,372	41,989	433,322	148,299	177,114	281,834	88,016	80,673	81,376	862,364	4,803,412	
				425,200	131,854	2,051,372	41,989	433,322	148,299	177,114	281,834	88,016	80,673	81,376	862,364	4,803,412	
				425,200	131,854	2,051,372	41,989	433,322	148,299	177,114	281,834	88,016	80,673	81,376	862,364	4,803,412	

P#:

7546

Project: Eldorado-Lugo-Mohave

Order: 901056468 - Lugo Sub: Upgrade Terminal Equipment and

SubCategory	Prime	Group	Detail	Month												Grand Total				
				01	02	03	04	05	06	07	08	09	10	11	12					
1. Project Support	As-built updates	Material - Other	As-built updates	0	0	7	39					19	50	412	1,763	2,290				
		Material - Other Total		0	0	7	39					19	50	412	1,763	2,290				
	As-built updates Total			0	0	7	39					19	50	412	1,763	2,290				
	Con - Consults/Prof Svcs/Out Ord Contract	Con - Consults/Prof Svcs/Out Ord to Ord	3,660,257		1,537,556	62,339										5,260,152				
		Contract Entries <\$50,000	36,763		15,443	(51,152)						455	470	546	26,978	896				
		Contract Total	3,697,020		1,552,999	11,187						455	470	546	26,978	896				
	Con - Consults/Prof Svcs/Out Ord to Ord Total	Contract	3,697,020		1,552,999	11,187						455	470	546	26,978	896				
	Contract - Other - Correction	Contract					16									16				
		Contract Total					16									16				
	Contract - Other - Correction Total						16									16				
	Contract/Consult/Contract Ord to I Contract	Contract Entries <\$50,000	330	380	6	353	3,123	2,855	1,802	3,326	2,084	3,589	14,201	32,050						
		Contract Total	330	380	6	353	3,123	2,855	1,802	3,326	2,084	3,589	14,201	32,050						
	Contract Consult/Contract Ord to Ord Total		330	380	6	353	3,123	2,855	1,802	3,326	2,084	3,589	14,201	32,050						
	DCM	Labor	Labor Entries <\$5,000		177	195							1,131	1,437	1,541	4,481				
		Labor Total			177	195							1,131	1,437	1,541	4,481				
	DCM Total				177	195							1,131	1,437	1,541	4,481				
	ELEC SYS PLANNING	Labor	ELEC SYS PLANNING / Engineer													8,120				
		Labor Entries <\$5,000	5,893	8,471	8,935	14,054	18,209	7,362	8,153	12,793	3,678	4,376	6,362	7,605	105,892					
		Labor Total	5,893	8,471	8,935	14,054	18,209	7,362	8,153	12,793	3,678	4,376	6,362	7,605	105,892					
	ELEC SYS PLANNING Total			5,893	8,471	8,935	14,054	18,209	7,362	8,153	12,793	3,678	4,376	6,362	7,605	105,892				
	Engineering/Technical Professions	Contract	Contract Entries <\$50,000					123												
		HDR ENGINEERING INC						191,111												
	Contract Total							123	191,111											
	Engineering/Technical Professional Servi	Total						123	191,111											
	Labor - Other	Labor	ALH-SUBORDER WHIRLWIND SUB.		5,044												5,044			
		Labor Correction						107									107			
		Labor Entries <\$5,000	(3,695,900)	2,482	428	2,282		5,434	(5,552)		2,516	3,533	1,518	3,688	894	2,210	(3,676,467)			
		Labor Accrual						5,227									5,227			
		ELM Execution EPC contractor Environment																		
		Lugo Sub - EPC modify 2 existing Series																		
		Labor Total	(3,695,900)	2,482	5,472	2,389	10,661	(5,552)	2,516	3,533	1,518	3,688	894	511,684	(3,156,615)	74,053	74,053			
	Labor - Other Total	Labor	Labor Entries <\$5,000	(3,695,900)	2,482	5,472	2,389	10,661	(5,552)	2,516	3,533	1,518	3,688	894	511,684	(3,156,615)	74,053	74,053		
	MAJOR PROJECT ORG	Labor		73		12		131			38		79		333		333			
	MAJOR PROJECT ORG Total	Labor Total		73		12		131			38		79		333		333			
	Other	Other	Other	1,734	1,471	(2,122)	(69)	(3,469)	180	70	100	74	75	472,882	(472,502)	(1,576)	7			
		SODEXO MAGIC FOOD SERVICE			6	1														
	Other Total			1,734	1,471	(2,117)	(68)	(3,469)	180	70	100	74	75	472,882	(472,502)	(1,569)	7			
	Temporary/Supplementary - Trade Contract	Contract	Contract Entries <\$50,000				2										2			
		Contract Total					2										2			
	Temporary/Supplementary - Trade/Labor Total						2										2			
	Consultants / Prof Services - Corre	Contract	Consultants / Prof Services - Correction			1,128											1,128			
		Contract Total				1,128											1,128			
	Consultants / Prof Services - Correction Total					1,128											1,128			
1. Project Support Total				9,149	12,805	1,565,467	29,049	216,904	5,244	14,050	41,753	9,161	39,625	488,115	521,016	2,952,338				
2. Material	Breakers - Circuit-DP	Material - Direct Purchase	MITSUBISHI ELECTRIC POWER PROD INC												1,418,058	513,792	1,931,850			
		Material - Direct Purchase Total													1,418,058	513,792	1,931,850			
	Breakers - Circuit-DP Total														1,418,058	513,792	1,931,850			
	Capacitors and Regulators-DP	Material - Direct Purchase	GE GRID SOLUTIONS LLC													112,500	112,500	112,500		
		Material - Direct Purchase Total														112,500	112,500	112,500		
	Capacitors and Regulators-DP Total																			
	Labor - Other	Labor	Labor Entries <\$5,000		(17)		0											(17)		
		Labor Total			(17)		0													
	Labor - Other Total				(17)		0													
	Material - Inventory	Material	Communication Systems and Equipment -DP		3,005													3,005		
		Material Total			3,005													3,005		
	Material - Inventory Total				3,005													3,005		
	Material - Other	Material	Material Sales Tax Expense		233		3								109,900	48,538	158,670			
		TDBU B-Items			236										(352)	14	(335)			
		Material Total			236										109,548	48,552	158,335			
	Material - Other Total				236										109,548	48,552	158,335			
2. Material Total				3,224		0									1,628,318	712,726	2,344,268			
3. Construction	Construction Management Service	Contract	Contract Entries <\$50,000	7,776	6,382	9,161	6,996	6,778				304	579			5,018	42,993			
		Contract Total		7,776	6,382	9,161	6,996	6,778				304	579			5,018	42,993			
	Construction Management Services Total			7,776	6,382	9,161	6,996	6,778				304	579			5,018	42,993			
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	276	457	275						220	312			121	165	1,825		
		Labor Total		276	457	275						220	312			121	165	1,825		
	ELEC SYS PLANNING Total			276	457	275						220	312			121	165	1,825		
	Electrical Services	Contract	Contract Entries <\$50,000															1,400	1,400	
		Contract Total																1,400	1,400	
	Electrical Services Total																	1,400	1,400	
	GRID OPS	Labor	Labor Entries <\$5,000	1,646	2,005	2,440	1,926	2,012	1,255	445	2,384	523	1,633	1,370	559	18,198				
		Labor Total		1,646	2,005	2,440	1,926	2,012	1,255	445	2,384	523	1,633	1,370	559	18,198				
	GRID OPS Total			1,646	2,005	2,440	1,926	2,012	1,255	445	2,384	523	1,633	1,370	559	18,198				
	SC&M	Labor	Labor Entries <\$5,000	3,057		5												3,062		
		Labor Total		3,057		5											3,062			
	SC&M Total			3,057		5											3,062			
	TRANSMISSION	Labor	Labor Entries <\$5,000			1											1			
		Labor Total				1											1			
	TRANSMISSION Total					1											1			
3. Construction Total				9,422	11,720	12,058	9,203	8,790	1,255	665	2,696	827	2,212	1,491	7,142	67,478				

Pin: 7546
 Order: 901056468
Project: Eldorado-Lugo-Mohave
 901056468 - Lugo Sub: Upgrade Terminal Equipment and

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	212	25	437	84	1,306									2,241
			PROCUREMENT TBU														32,188
			FIP-Lugo Sub: Upgrade Terminal Equipment					8,109									8,109
			Chargeback Total	212	25	437	8,192	1,306									42,538
			Labor		163		0										163
			Labor Total		163		0										84,930
			MATERIAL MANAGEM														84,930
			Chargebacks Total	212	188	437	8,192	1,306									113,256
			Labor - Other					18,294									113,419
			Division Overhead						152								155,957
Labor - Other Total	Labor	Labor	Labor Entries <\$5,000	10,341	8,333	7,960	3,853	6,055	2,126	5,403	11,401	3,519	5,955	3,519	5,955	93,700	235,859
			Paid Absence					5,752									920
			ELM Execution EPC contractor Environment		10,009												69,427
			ELM Execution EPC contractor project man	191,805													5,752
			Lugo Sub - EPC modify 2 existing Series	285,101			184,965	6,808									10,009
			Labor Total	497,255	8,333	192,925	10,661	30,101	2,126	5,403	11,401	3,519	5,955	127,425	94,621	191,805	
			IMM/Allocated - Correction	497,255	8,333	192,925	10,661	30,101	2,126	5,403	11,401	3,519	5,955	127,425	94,621	476,874	
			IMM Correction														989,725
			IMM Allocation Total														989,725
			IMM/Allocated - Correction Total														13
Overhead - Correction	Overhead	Overhead	Overhead - Correction														13
			Overhead Total														2
			Overhead - Correction Total														2
			Overhead - Correction Total														2
			4. Allocated Total	497,467	8,521	193,362	18,869	31,407	2,126	5,403	11,553	3,521	5,979	230,669	136,821	1,145,698	
			Non Budget - Other														76,918
			Non Budgeted														108,467
			Ad Valorem Tax					31,549									20,719
			AFUDC - Debt/Equity	(28,202)													242,371
5. Corporate Overhead			Capitalized Overhead - A&G	31,449	1,892	73,565	5,972	9,477	322	858	1,868	499	1,584	68,136	46,748		
			Capitalized Overhead - Inj & Damages	23,520	28	186	(184)	24	4	4	20	29	9	408	396		
			Capitalized Overhead - IT IMM	1,473	59	3,613	99	419	11	49	110	8	59	2,706	2,285		
			Capitalized Overhead - P&B/Payroll Tax	6,028	23,284	11,402	23,296	21,598	5,141	4,749	13,980	5,257	7,229	7,059	11,280		
			Non Budgeted Total	34,269	25,264	88,767	60,732	79,120	5,477	5,660	15,979	7,111	8,882	78,309	137,627		
			Non Budget - Other Total	34,269	25,264	88,767	60,732	79,120	5,477	5,660	15,979	7,111	8,882	78,309	137,627		
			#N/A					0									0
			#N/A					0									0
			#N/A Total					0									0
			#N/A Total					0									0
5. Corporate Overhead Total			550,307	61,534	1,859,653	117,853	336,221	14,102	25,778	71,981	20,620	56,698	2,426,901	1,515,331	7,056,978		
			550,307	61,534	1,859,653	117,853	336,221	14,102	25,778	71,981	20,620	56,698	2,426,901	1,515,331	7,056,978		
			550,307	61,534	1,859,653	117,853	336,221	14,102	25,778	71,981	20,620	56,698	2,426,901	1,515,331	7,056,978		

Pin: 7546

Project: Eldorado-Lugo-Mohave

Order: 90149050

90149050 - Mohave Sub:Install CBs, Disc.&series cap

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	06	07	08	09	10	11	12	
1. Project Support	As-built updates	Material - Other	As-built updates	0	0	3	30					190	34	6	1,057	1,321
		Material - Other Total		0	0	3	30					190	34	6	1,057	1,321
	As-built updates Total			0	0	3	30					190	34	6	1,057	1,321
	Con - Consults/Prof Svcs/Out Ord Contract	Con - Consults/Prof Svcs/Out Ord to Ord	1,957,409	1,654,137												3,611,545
		Contract Entries <\$50,000	16,349	(0)	13,816	731						430	444	515	568	846
		Contract Total	1,973,758	(0)	1,667,952	731						430	444	515	568	846
	Con - Consults/Prof Svcs/Out Ord to Ord Total		1,973,758	(0)	1,667,952	731						430	444	515	568	846
	Contract - Other - Correction	Contract	Contract Entries <\$50,000		0	1										1
		Contract Total			0	1										1
	Contract - Other - Correction Total				0	1										1
	Contract Consult/Contract Ord to I Contract	Contract Entries <\$50,000	348	400	0	372	2,950	2,697	1,702	3,142	1,969	3,501	2,678	19,758		
		Contract Total	348	400	0	372	2,950	2,697	1,702	3,142	1,969	3,501	2,678	19,758		
	Contract Consult/Contract Ord to Ord Total		348	400	0	372	2,950	2,697	1,702	3,142	1,969	3,501	2,678	19,758		
	DCM	Labor	Labor Entries <\$5,000	-	177	188						154	265	429	459	1,673
		Labor Total		-	177	188						154	265	429	459	1,673
	DCM Total			-	177	188						154	265	429	459	1,673
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	6,159	6,925	5,379	3,065	4,050	6,233	3,946	13,093	8,295	9,081	9,898	2,860	78,983
		Labor Total		6,159	6,925	5,379	3,065	4,050	6,233	3,946	13,093	8,295	9,081	9,898	2,860	78,983
	ELEC SYS PLANNING Total			6,159	6,925	5,379	3,065	4,050	6,233	3,946	13,093	8,295	9,081	9,898	2,860	78,983
	Engineering/Technical Professionals Contract	Contract Entries <\$50,000		2,500	4					12,874					5,767	16,100
		HDR ENGINEERING INC													5,767	16,100
	Contract Total			2,500	4				12,874						5,767	16,100
	Engineering/Technical Professional Servi Total			2,500	4				12,874						5,767	16,100
	Labor - Other	Labor	Labor Correction				10									10
			Labor Entries <\$5,000	(1,971,843)	(351)	1,060	2,108	7,475	810	6,385	3,211	977	4,421	(121)	1,873	(1,943,996)
			ELM Execution EPC contractor Environment												55,540	55,540
			Mohave Sub - EPC replace 1 Series Cap												738,784	738,784
	Labor - Other Total	Labor Total		(1,971,843)	(351)	1,060	2,117	7,475	810	6,385	3,211	977	4,421	(121)	796,197	(1,149,663)
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	(1,971,843)	(351)	1,060	2,117	7,475	810	6,385	3,211	977	4,421	(121)	796,197	(1,149,663)
		Labor Total													542	542
	MAJOR PROJECT ORG Total														542	542
	Other	Other	Other	589	59	447	603	5,744	552						4,106	6,553
		SODEXO MAGIC FOOD SERVICE		47	0	0									45	604
	Other Total			636	59	447	603	5,744	627						4,151	7,157
	Other Total	Contract Total	Contract Entries <\$50,000		0	0									0	0
	Temporary/Supplementary - Trade/Labor Total				0	0									0	0
	Temporary/Supplementary - Trade/Labor Total	Consultants / Prof Services - Corre Contract	Consultants / Prof Services - Correction		100										100	100
	Consultants / Prof Services - Correction Total				100										100	100
1. Project Support Total				9,057	9,532	1,674,569	6,658	12,529	15,802	26,959	18,642	110,367	22,394	20,090	967,866	2,894,466
2. Material	Breakers - Circuit-DP	Material - Direct Purchase	MITSUBISHI ELECTRIC POWER PROD INC							22,943						22,943
		Material - Direct Purchase Total								22,943						22,943
	Breakers - Circuit-DP Total									22,943						22,943
	Electric Wiring and Components-D Material - Direct Purchase	Electric Wiring and Components-DP													1,576	596
		Material - Direct Purchase Total													1,576	2,172
	Electric Wiring and Components-DP Total														1,576	2,172
	Electric Wiring and Components-DP Total	Labor	Labor Entries <\$5,000		-					1,786					124	54
		Labor Total			-					1,786					124	54
	Labor - Other Total				-					1,786					124	54
	Material - Inventory	Material	Breakers - Circuit-IN												221	221
			Cabinets, Panels and Switchboards-IN												96	96
			Electric Wiring and Components-IN												628	628
			Mechanical Systems and Components-IN												393	393
			Metals & Fabricated Metal Products-IN												78	78
			Meters, Monitor and Warnings-IN												403	403
			Transformers - Power Substation-IN												107	107
			Transformers CT/PT/INSTR-IN												2,218	2,218
			Wire, Cable & Bus Bar-IN												6	6
	Material - Inventory Total	Material Total													4,150	4,150
	Material - Other	Material	Material Sales Tax Expense												419	2,442
			Special Transport												196	1,760
			TDBU B-items												615	4,202
	Material - Other Total	Material Total													339	339
	Metals & Fabricated Metal Prod	Material - Direct Purchase	CROWN TECHNICAL SYSTEMS												615	4,202
		Material - Direct Purchase Total													339	339
	Metals & Fabricated Metal Products-DP Total														615	339
	Other Consumables-DP	Material - Direct Purchase	Material Entries <\$5,000												763	763
		Material - Direct Purchase Total													763	763
	Other Consumables-DP Total														763	763
2. Material Total	Construction Management Service Contract	Contract Entries <\$50,000		-	114	138			26,622		430	2,964	817	6,007	36,840	
		Contract Total		6	114	138									152	1,171
	Construction Management Services Total			6	114	138									152	1,171
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000		6	114									761	1,171
		Labor Total			540	1,049	1,179								152	1,171
	ELEC SYS PLANNING Total				540	1,049	1,179								165	2,933

Pin: 7546 Project: Eldorado-Lugo-Mohave
 Order: 90149050 - Mohave Sub:Install CBs, Disc.&series cap

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	06	07	08	09	10	11	12	
	Electrical Services	Contract	Contract Entries <\$50,000 Mitsubishi Electric Power Prod													1,400
		Contract Total														1,400
Electrical Services Total																102,540
GRID OPS		Labor	Labor Entries <\$5,000	(0)	160	84	704		81	159						103,940
GRID OPS Total		Labor Total		(0)	160	84	704		81	159						103,940
SC&M		Labor	Labor Entries <\$5,000	448	0											1,358
SC&M Total		Labor Total		448	0											2,546
TRANSMISSION		Labor	Labor Entries <\$5,000													1,358
TRANSMISSION Total		Labor Total														2,546
3. Construction Total																107,550
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	124	2,730	3,962	1,449	1	237		640	95	967	4,107		14,312
		Chargeback Total		124	2,730	3,962	1,449	1	237		640	95	967	4,107		14,312
		Labor	Labor Entries <\$5,000				-					79	46	230		2,100
		Labor Total										79	46	230		2,100
	Chargebacks Total															1,745
	Labor - Other	Labor	Division Overhead	124	2,730	3,962	1,449	1	1,983		640	174	1,013	4,337		16,412
			Labor Entries <\$5,000	8,427	3,802	4,030	2,084	2,923	4,127	10,849	7,140	10,566	6,940	4,784	4,453	19,885
			ELM Execution EPC contractor Environment	7,530												7,530
			ELM Execution EPC contractor project man	202,537												202,537
			Mohave Sub - EPC replace 1 Series Cap	47,720		198,989										246,709
		Labor Total		266,214	3,802	203,019	2,084	2,923	4,127	10,849	7,140	21,118	6,940	4,784	4,453	557,338
Labor - Other Total				266,214	3,802	203,019	2,084	2,923	4,127	10,849	7,140	21,118	6,940	4,784	4,453	557,338
IMM/Allocated - Correction	IMM Correction	IMM/Allocated - Correction		-		1				0						1
IMM/Allocated - Correction Total	IMM Correction Total			-		1				0						1
Overhead - Correction	Overhead	Overhead - Correction		-		1				0						0
Overhead - Correction Total	Overhead Total			0		0				0						0
4. Allocated Total				266,337	6,532	206,981	3,535	2,924	4,127	12,831	7,140	21,758	7,114	5,797	28,675	573,751
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax													28,134
			AFLUDC - Debt/Equity	(24,648)												28,134
			Capitalized Overhead - A&G	16,829	892	78,043	2,261	596	764	2,886	909	4,908	1,080	975	28,046	138,189
			Capitalized Overhead - Inj & Damages	12,523	11	185	(94)	6	11	12	17	101	12	4	242	13,030
			Capitalized Overhead - IT IMM	788	28	3,833	10	26	25	164	54	77	40	39	1,371	6,456
			Capitalized Overhead - P&B/Payroll Tax	5,462	10,604	4,597	6,849	6,729	9,738	4,800	13,057	8,818	9,731	6,898	4,547	91,831
		Non Budgeted Total		10,954	11,534	86,659	9,027	46,532	10,538	7,863	14,607	14,930	10,865	7,916	62,340	293,763
5. Corporate Overhead Total	Non Budget - Other Total			10,954	11,534	86,659	9,027	46,532	10,538	7,863	14,607	14,930	10,865	7,916	62,340	293,763
#N/A	#N/A	#N/A	#N/A			0										0
			#N/A Total			0										0
#N/A Total						0										0
				286,348	28,047	1,968,369	19,309	62,803	31,007	75,542	41,853	147,803	43,464	34,773	1,172,438	3,911,755
				286,348	28,047	1,968,369	19,309	62,803	31,007	75,542	41,853	147,803	43,464	34,773	1,172,438	3,911,755
				286,348	28,047	1,968,369	19,309	62,803	31,007	75,542	41,853	147,803	43,464	34,773	1,172,438	3,911,755

Pin: 7546
 Order: 901624163
Project: Eldorado-Lugo-Mohave
 901624163 - Mid-Line Cap:Inst cap on Eldor Lugo T/L

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	06	07	08	09	10	11	12	
1. Project Support	As-built updates	Material - Other	As-built updates	0	0	4	32					51	103	48	929	1,168
		Material - Other Total		0	0	4	32					51	103	48	929	1,168
				0	0	4	32					51	103	48	929	1,168
	Con - Consults/Prof Svcs/Out Ord Contract	Con - Consults/Prof Svcs/Out Ord to Ord	Contract Entries <\$50,000	2,391,897		1,727,814						405	418	485	535	936
		Contract Total		2,391,897		1,727,814						405	418	485	535	936
	Con - Consults/Prof Svcs/Out Ord to Ord Total	Con - Consults/Prof Svcs/Out Ord to Ord	Contract Entries <\$50,000	2,391,897		1,727,814						405	418	485	535	936
	Contract Consult/Contract Ord to Contract	Contract Total		261	300			279	2,776	2,538	1,602	2,957	1,853	3,191	2,520	18,276
	Contract Consult/Contract Ord to Contract Total	Contract Total		261	300			279	2,776	2,538	1,602	2,957	1,853	3,191	2,520	18,276
	Contract Consult/Contract Ord to Ord Total	Contract Total		261	300			279	2,776	2,538	1,602	2,957	1,853	3,191	2,520	18,276
	DCM	Labor	Labor Entries <\$5,000									532				532
		Labor Total										532				532
	DCM Total											532				532
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	3,685	3,757	7,218	5,484	5,402	6,838	4,302	8,370	2,278	5,469	6,013	3,745	62,561
		Labor Total		3,685	3,757	7,218	5,484	5,402	6,838	4,302	8,370	2,278	5,469	6,013	3,745	62,561
	ELEC SYS PLANNING Total			3,685	3,757	7,218	5,484	5,402	6,838	4,302	8,370	2,278	5,469	6,013	3,745	62,561
	Engineering/Technical Professional	Contract	Contract Entries <\$50,000	2,064	3,587	2,704	2,690	5,126					570			16,741
		Contract Total		2,064	3,587	2,704	2,690	5,126				570			16,741	
	Engineering/Technical Professional Servi Total			2,064	3,587	2,704	2,690	5,126				570			16,741	
	Labor - Other	Labor	Labor Entries <\$5,000	(2,389,939)	420	(7,590)	3,488	5,899	(6,669)	2,504	4,011	1,100	3,083	919	1,263	(2,381,511)
		WOD - TDBU LICENSING					5,000								5,000	
		ELM Execution EPC contractor Environment													203,647	
		Newberry Spring - EPC install a new Seri													203,647	
	Labor - Other Total	Labor Total		(2,389,939)	420	(7,590)	8,488	5,899	(6,669)	2,504	4,011	1,100	3,083	919	921,973	(1,455,801)
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000	(2,389,939)	420	(7,590)	8,488	5,899	(6,669)	2,504	4,011	1,100	3,083	919	921,973	(1,455,801)
		Labor Total										150	78		228	
	MAJOR PROJECT ORG Total											150	78		228	
	Other	Other	Other	208	44		93	6		210	79		3,490	4,849		8,978
		SODEXO MAGIC FOOD SERVICE				195	56			13	32		49		345	
		Other Total		208	44	195	149	6		222	111		3,490	4,888		9,323
				208	44	195	149	6		222	111		3,490	4,888		9,323
1. Project Support Total				8,176	8,108	1,730,341	16,814	16,743	2,946	9,971	14,512	7,554	15,181	15,866	930,104	2,776,316
2. Material	Material - Other	Material	TDBU B-Items			0						0				0
		Material Total				0						0				0
2. Material Total						0						0				0
3. Construction	Construction Management Service	Contract	Contract Entries <\$50,000													228
		Contract Total														228
	Construction Management Services Total															228
	GRID OPS	Labor	Labor Entries <\$5,000					101								101
		Labor Total						101								101
3. Construction Total								101								329
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000	3,747	11,631	16,855	9,320	20,369	15,764	12,838	14,733	11,155	11,476	2,077	3,812	133,777
		Chargeback Total	FIP-Mid-Line Cap:Inst cap on Eldor Lugo	12,239	14,883	51,927	54,110	42,322	67,745	20,765	60,207	14,662	67,990	198,692	40,879	646,419
	Chargebacks Total			15,985	26,514	68,782	63,430	62,691	83,508	33,603	74,940	25,817	79,465	200,769	44,690	780,196
	Labor - Other	Labor	Labor Entries <\$5,000	3,891	2,351	3,543	3,518	3,680	2,901	3,104	4,553	2,611	4,037	3,333	727	38,250
		ELM Execution EPC contractor Environment		27,845												27,845
		Newberry Spring - EPC install a new Seri		136,039		207,852										343,892
	Labor - Other Total	Labor Total		320,968	2,351	211,395	3,518	3,680	2,901	3,104	4,553	2,611	4,037	3,333	727	563,179
4. Allocated Total				336,953	28,865	280,177	66,948	66,371	86,410	36,707	79,494	28,428	83,503	204,102	45,417	1,343,375
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			24,913										52,945
			AFUDC - Debt/Equity	(21,835)				53,326				2,139				33,630
			Capitalized Overhead - A&G	21,090	1,996	83,386	5,249	3,026	3,335	1,990	3,136	1,329	3,277	7,990	24,646	160,450
			Capitalized Overhead - Inj & Damages	15,147	15	204	137	30	23	7	49	71	38	44	271	16,016
			Capitalized Overhead - IT IMM	888	63	4,096	128	134	111	113	185	21	123	317	1,204	7,482
			Capitalized Overhead - P&B/Payroll Tax	8,203	12,263	13,216	21,588	25,542	20,011	7,509	20,113	11,024	16,370	32,317	11,228	199,384
		Non Budgeted Total		23,593	14,337	100,901	52,006	62,048	23,479	9,620	23,482	14,584	19,808	40,667	90,293	494,819
5. Corporate Overhead Total				23,593	14,337	100,901	52,006	62,048	23,479	9,620	23,482	14,584	19,808	40,667	90,293	494,819
				368,722	51,310	2,111,420	135,768	165,263	112,835	56,299	117,487	50,567	118,719	260,636	1,065,814	4,614,838
				368,722	51,310	2,111,420	135,768	165,263	112,835	56,299	117,487	50,567	118,719	260,636	1,065,814	4,614,838

Pin: 7546
 Order: 901826564
Project: Eldorado-Lugo-Mohave
 901826564 - Inst Eldo-Lug-Mhve Series Caps at Ludlow

SubCategory	Prime	Group	Detail	Month												Grand Total	
				01	02	03	04	05	06	07	08	09	10	11	12		
1. Project Support	As-built updates	Material - Other	As-built updates	0	0	4	34			54	101	47	926	1,166			
		Material - Other Total		0	0	4	34			54	101	47	926	1,166			
	As-built updates Total			0	0	4	34			54	101	47	926	1,166			
	Con - Consults/Prof Svcs/Out Ord Contract	Con - Consults/Prof Svcs/Out Ord to Ord	Contract Entries <\$50,000	2,711,157		1,727,814				405	418	485	535	796	936	3,575	
		Contract Total		2,711,157		1,727,814				405	418	485	535	796	936	4,442,546	
	Con - Consults/Prof Svcs/Out Ord to Ord Total			2,711,157		1,727,814				405	418	485	535	796	936	4,442,546	
	Contract Consult/Contract Ord to Contract	Contract Entries <\$50,000		330	380			353	2,776	2,538	1,602	2,957	1,853	3,191	2,520	18,500	
		Contract Total		330	380			353	2,776	2,538	1,602	2,957	1,853	3,191	2,520	18,500	
	Contract Consult/Contract Ord to Ord Total			330	380			353	2,776	2,538	1,602	2,957	1,853	3,191	2,520	18,500	
	DCM	Labor	Labor Entries <\$5,000									355				355	
		Labor Total										355				355	
	DCM Total											355				355	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	4,267	3,230	9,497	4,151	3,445	5,532	4,866	6,480	2,865	4,773	5,580	4,321	59,007	
		Labor Total		4,267	3,230	9,497	4,151	3,445	5,532	4,866	6,480	2,865	4,773	5,580	4,321	59,007	
	ELEC SYS PLANNING Total			4,267	3,230	9,497	4,151	3,445	5,532	4,866	6,480	2,865	4,773	5,580	4,321	59,007	
	Engineering/Technical Professional	Contract	Contract Entries <\$50,000										570			570	
		Contract Total										570			570		
	Engineering/Technical Professional Servi	Total										570			570		
	Labor - Other	Labor	Labor Entries <\$5,000	(2,708,125)	349	(5,963)	3,767	8,529	(6,630)	3,729	3,851	2,344	5,122	587	1,303	(2,691,136)	
		WOD - TDBU LICENSING				5,000							203,647		203,647		
		ELM Execution EPC contractor Environment											712,533		712,533		
		Ludlow - EPC Install a new Series Cap											1,769,957		1,769,957		
		Labor Total		(2,708,125)	349	(5,963)	8,767	8,529	(6,630)	3,729	3,851	2,344	5,122	587	917,482	(1,769,957)	
	Labor - Other Total			(2,708,125)	349	(5,963)	8,767	8,529	(6,630)	3,729	3,851	2,344	5,122	587	917,482	(1,769,957)	
	MAJOR PROJECT ORG	Labor	Labor Entries <\$5,000									150	156			306	
		Labor Total										150	156			306	
	MAJOR PROJECT ORG Total											150	156			306	
	Other	Other	Other	263	56	96	6			209	79		9	582		1,299	
		SODEXO MAGIC FOOD SERVICE				188	56			13	32		45			334	
		Other Total		263	56	188	152	6		222	111		9	626		1,634	
				263	56	188	152	6		222	111		9	626		1,634	
1. Project Support Total				7,893	4,016	1,731,537	13,073	12,368	1,678	11,759	12,462	9,210	13,118	10,828	926,186	2,754,127	
2. Material	Material - Other	Material	TDBU B-Items			0						0				0	
		Material Total				0						0				0	
2. Material Total						0						0				0	
3. Construction	Construction Management Service	Contract	Contract Entries <\$50,000									228	1,215			1,443	
		Contract Total										228	1,215			1,443	
	Construction Management Services	Total										228	1,215			1,443	
	GRID OPS	Labor	Labor Entries <\$5,000					101								101	
		Labor Total					101									101	
	GRID OPS Total						101									101	
3. Construction Total							101									1,544	
4. Allocated	Chargebacks	Chargeback	Chargeback Entries<\$5,000	3,733	11,608	16,837	9,302	20,335	15,764	12,838	14,733	11,155	11,476	2,091	3,811	133,683	
		Chargeback Total	FIP-Inst Eldo-Lug-Mhve Series Caps at Lu	12,239	14,883	51,927	54,110	42,322	67,745	20,765	60,207	14,662	67,990	198,692	40,879	646,419	
	Chargebacks Total			15,972	26,490	68,764	63,412	62,657	83,508	33,603	74,940	25,817	79,465	200,783	44,690	780,102	
	Labor - Other	Labor	Labor Entries <\$5,000	4,098	1,523	4,774	2,541	2,486	2,548	3,507	3,617	3,008	3,604	2,889	774		35,368
		ELM Execution EPC contractor Environment		27,845												27,845	
		ELM Execution EPC contractor project man		194,043												194,043	
		Labor Total	Ludlow - EPC Install a new Series Cap	137,704		207,852				3,507	3,617	3,008	3,604	2,889	774		345,556
				363,690	1,523	212,626	2,541	2,486	2,548	3,507	3,617	3,008	3,604	2,889	774		602,813
	Labor - Other Total			363,690	1,523	212,626	2,541	2,486	2,548	3,507	3,617	3,008	3,604	2,889	774		602,813
4. Allocated Total				379,662	28,013	281,390	65,953	65,143	86,056	37,111	78,557	28,826	83,069	203,671	45,464	1,382,914	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax					36,423				864				30,956	
			AFUDC - Debt/Equity	(23,702)												13,585	
			Capitalized Overhead - A&G	23,683	1,729	83,486	4,953	2,822	3,274	2,084	3,036	1,405	3,195	7,835	24,548	162,049	
			Capitalized Overhead - Inj & Damages	17,173	14	209	123	20	21	8	47	78	36	43	370	18,041	
			Capitalized Overhead - IT IMM	1,109	54	4,100	120	125	108	119	179	22	120	311	1,200	7,568	
			Capitalized Overhead - P&B/Payroll Tax	9,197	11,429	15,831	20,269	25,223	18,679	8,166	18,414	12,247	17,123	31,835	11,569	199,980	
		Non Budgeted Total		27,460	13,227	103,625	25,465	64,613	22,083	10,375	21,675	14,616	20,474	40,024	68,542	432,180	
5. Corporate Overhead Total				27,460	13,227	103,625	25,465	64,613	22,083	10,375	21,675	14,616	20,474	40,024	68,542	432,180	
			415,015	45,255	2,116,552	104,491	142,225	109,817	59,245	112,695	52,652	116,888	255,739	1,040,192	4,570,765		
			415,015	45,255	2,116,552	104,491	142,225	109,817	59,245	112,695	52,652	116,888	255,739	1,040,192	4,570,765		

Pin: 7546
Order: 901904770

Project: Eldorado-Lugo-Mohave
901904770 - Eldorado-Mohave T/L: Instal OPGW, splice

SubCategory	Prime	Group	Detail	Month												Grand Total		
				01	02	03	04	05	06	07	08	09	10	11	12			
1. Project Support	Con - Consults/Prof Svcs/Out Ord Contract	Con - Consults/Prof Svcs/Out Ord to Ord	261,597														261,597	
	Contract Entries <\$50,000	68,473		51,119		0		101	105	121	134	199	234			120,486		
	Contract Total	330,070		51,119		0		101	105	121	134	199	234			382,083		
	Con - Consults/Prof Svcs/Out Ord to Ord Total	330,070		51,119		0		101	105	121	134	199	234			382,083		
	Contract Consult/Contract Ord to I Contract	Contract Entries <\$50,000	52	60		56	694	634	400	739	463	798	630			4,527		
	Contract Total	52	60		56	694	634	400	739	463	798	630				4,527		
	Contract Consult/Contract Ord to Ord Total	52	60		56	694	634	400	739	463	798	630				4,527		
	DCM	Labor	Labor Entries <\$5,000			187											187	
		Labor Total				187											187	
	DCM Total					187											187	
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	2,830	2,273	855	2,143	4,959	4,056	5,034	3,442	5,292	1,903	1,977	4,906		39,671	
		Labor Total		2,830	2,273	855	2,143	4,959	4,056	5,034	3,442	5,292	1,903	1,977	4,906		39,671	
	ELEC SYS PLANNING Total			2,830	2,273	855	2,143	4,959	4,056	5,034	3,442	5,292	1,903	1,977	4,906		39,671	
	Labor - Other	Labor	Labor Entries <\$5,000	(329,497)	(523)	278	411	2,505	(1,763)	924	361	144	1,011	23	514		(325,612)	
		ELM Execution EPC contractor Environment															92,567	
		Eldorado-Mohave T/L - EPC install OPGW &															683,880	
		Labor Total		(329,497)	(523)	278	411	2,505	(1,763)	924	361	144	1,011	23	776,960		450,834	
	Labor - Other Total			(329,497)	(523)	278	411	2,505	(1,763)	924	361	144	1,011	23	776,960		450,834	
	Other	Other	Other	42	9		2	65									120	
		SODEXO MAGIC FOOD SERVICE						5									5	
		Other Total		42	9		2	70									125	
				42	9		2	70									125	
	Other Total																	
1. Project Support Total				3,497	1,819	52,252	2,743	7,590	2,987	6,693	4,309	6,296	3,513	2,997	782,730		877,426	
3. Construction	Construction Management Service Contract	Contract Entries <\$50,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contract Total																-	
	Construction Management Services Total																-	
	GRID OPS	Labor	Labor Entries <\$5,000			82											82	
		Labor Total				82											82	
	GRID OPS Total					82											82	
3. Construction Total																		
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000			-	-	-	-	-	-	-	-	-	-	-	-	
		Chargeback Total				-	-	-	-	-	-	-	-	-	-	-	-	
	Chargebacks Total																-	
	Labor - Other	Labor	Labor Entries <\$5,000	6,554	899	2,303	1,313	(3,135)	1,189	2,763	1,588	3,046	1,270	818	586		19,194	
		ELM Execution EPC contractor Environment		10,031													10,031	
		Eldorado-Mohave T/L - EPC install OPGW &				5,863											5,863	
		ELM Execution EPC contractor project man		29,120			6,060										35,180	
		Labor Total		45,706	899	8,166	1,313	2,925	1,189	2,763	1,588	3,046	1,270	818	586		70,268	
	Labor - Other Total			45,706	899	8,166	1,313	2,925	1,189	2,763	1,588	3,046	1,270	818	586		70,268	
4. Allocated Total				45,706	899	8,166	1,313	2,925	1,189	2,763	1,588	3,046	1,270	818	586		70,268	
5. Corporate Overhead	Non Budget - Other	Non Budgeted	AFUDC - Debt/Equity	(75)			132					4					61	
		Capitalized Overhead - A&G	3,007	147	2,506	259	848	156	403	197	345	158	139	19,790			27,954	
		Capitalized Overhead - Inj & Damages	2,071	3	8	8	(459)	2	2	4	26	2	1	224			1,892	
		Capitalized Overhead - IT IMM	141	5	123	6	36	5	23	12	5	6	6	967			1,335	
		Capitalized Overhead - P&B/Payroll Tax	2,323	2,582	762	3,180	5,141	2,964	2,492	2,753	4,771	1,980	1,372	3,022			33,341	
		Non Budgeted Total	7,466	2,736	3,399	3,454	5,698	3,127	2,920	2,965	5,152	2,147	1,516	24,003			64,583	
5. Corporate Overhead Total			Non Budget - Other Total	7,466	2,736	3,399	3,454	5,698	3,127	2,920	2,965	5,152	2,147	1,516	24,003			64,583
				56,669	5,453	63,817	7,592	16,212	7,303	12,376	8,861	14,495	6,931	5,331	807,319		1,012,359	
				56,669	5,453	63,817	7,592	16,212	7,303	12,376	8,861	14,495	6,931	5,331	807,319		1,012,359	
				56,669	5,453	63,817	7,592	16,212	7,303	12,376	8,861	14,495	6,931	5,331	807,319		1,012,359	

Pin: 7546 Project: Eldorado-Lugo-Mohave
 Order: 901904772 Lugo-Mohave T/L(CA): Instal OPGW, splice

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	06	07	08	09	10	11	12	
1. Project Support	Con - Consults/Prof Svcs/Out Ord Contract	Con - Consults/Prof Svcs/Out Ord to Ord	879,485		133,891		96,852									1,110,228
	Contract Total	Contract Entries <\$50,000	30,725		21,734		(96,852)		304	314	364	401	597	702		(41,121)
	Con - Consults/Prof Svcs/Out Ord to Ord Total		910,210		155,625				304	314	364	401	597	702		1,068,517
	Contract Consult/Contract Ord to I Contract	Contract Entries <\$50,000	156	180			167	2,082	1,903	1,201	2,218	1,390	2,393	1,890		13,581
	Contract Total		156	180			167	2,082	1,903	1,201	2,218	1,390	2,393	1,890		13,581
	Contract Consult/Contract Ord to Ord Total		156	180			167	2,082	1,903	1,201	2,218	1,390	2,393	1,890		13,581
	DCM	Labor	Labor Entries <\$5,000			187	136									323
		Labor Total				187	136									323
	DCM Total															323
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	2,494	2,458	1,140	1,942	4,649	2,632	1,774	1,414	2,678	1,665	2,049	4,145	29,038
		Labor Total		2,494	2,458	1,140	1,942	4,649	2,632	1,774	1,414	2,678	1,665	2,049	4,145	29,038
	ELEC SYS PLANNING Total			2,494	2,458	1,140	1,942	4,649	2,632	1,774	1,414	2,678	1,665	2,049	4,145	29,038
	Engineering/Technical Professional Contract	Contract Total	Contract Entries <\$50,000													835
	Engineering/Technical Professional Servi Total															835
	Labor - Other	Labor	Labor Entries <\$5,000	(909,758)	(435)	973	982	4,586	(2,108)	1,397	2,369	667	2,161	849	992	(897,324)
		ELM Execution EPC contractor Environment														203,647
	Lugo-Mohave (CA) T/L - EPC Install OPGW															203,647
		Labor Total		(909,758)	(435)	973	982	4,586	(2,108)	1,397	2,369	667	2,161	849	992	1,795,388
	Other	Other	SODEXO MAGIC FOOD SERVICE	125	26		7	140		11						11
		Other Total		125	26		7	152								316
	Other Total			125	26		7	152								316
	TRANSMISSION	Labor	Labor Entries <\$5,000					-								-
		Labor Total						-								-
	TRANSMISSION Total															-
1. Project Support Total				3,228	2,229	157,738	3,118	9,690	2,607	5,378	5,297	5,926	5,623	5,888	2,007,599	2,214,321
3. Construction	Construction Management Service Contract	Contract Total	Contract Entries <\$50,000					-								-
	Construction Management Services Total							-								-
3. Construction Total								-								-
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000					-								11
	Chargebacks Total	Chargeback Total						-								11
	Labor - Other	Labor	Labor Entries <\$5,000	11,429	1,097	4,858	1,265	(9,132)	771	1,569	1,047	2,181	1,455	1,199	810	18,551
		ELM Execution EPC contractor Environment		23,957												23,957
	LUGO-MOHAVE (CA) T/L - EPC Contractor Project Man			87,360				12,238								99,598
		Labor Total		122,745	1,097	24,234	1,265	3,107	771	1,569	1,047	2,181	1,455	1,199	810	19,376
	Labor - Other Total			122,745	1,097	24,234	1,265	3,107	771	1,569	1,047	2,181	1,455	1,199	810	161,483
4. Allocated Total				122,745	1,097	24,234	1,265	3,107	771	1,569	1,047	2,181	1,455	1,199	821	161,493
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			3,185										17,061
			AFUDC - Debt/Equity	(138)				235								104
			Capitalized Overhead - A&G	7,698	180	7,547	275	1,508	126	296	212	299	235	257	50,741	69,373
			Capitalized Overhead - Inj & Damages	5,783	3	23	8	(861)	1	1	3	17	3	1	574	5,557
			Capitalized Overhead - IT IMM	360	6	371	7	55	4	17	12	5	9	10	2,480	3,336
			Capitalized Overhead - P&B/Payroll Tax	1,999	3,120	1,368	3,357	5,813	1,681	1,342	1,898	3,168	2,330	1,943	2,912	30,932
	Non Budget - Other Total	Non Budgeted Total		15,702	3,309	9,309	6,831	6,750	1,812	1,656	2,125	3,496	2,576	2,212	73,768	129,547
5. Corporate Overhead Total				15,702	3,309	9,309	6,831	6,750	1,812	1,656	2,125	3,496	2,576	2,212	73,768	129,547
				141,675	6,635	191,282	11,214	19,546	5,190	8,604	8,470	11,604	9,654	9,299	2,082,189	2,505,361
				141,675	6,635	191,282	11,214	19,546	5,190	8,604	8,470	11,604	9,654	9,299	2,082,189	2,505,361

Pin: 7546 Project: Eldorado-Lugo-Mohave
 Order: 901904773 - Lugo-Mohave T/L(NV): Instal OPGW, splice

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	06	07	08	09	10	11	12	
1. Project Support	Con - Consults/Prof Svcs/Out Ord Contract	Con - Consults/Prof Svcs/Out Ord to Ord	55,581							25	26	30	33	50	59	55,581
		Contract Entries <\$50,000	41,109							25	26	30	33	50	59	41,332
		Contract Total	96,690							25	26	30	33	50	59	96,693
	Con - Consults/Prof Svcs/Out Ord to Ord Total	96,690								25	26	30	33	50	59	96,693
	Contract Consult/Contract Ord to i Contract	Contract Entries <\$50,000	17	20			19	174	159	100	185	116	199	158	1,146	
		Contract Total	17	20			19	174	159	100	185	116	199	158	1,146	
	Contract Consult/Contract Ord to Ord Total	17	20			19	174	159	100	185	116	199	158	1,146	1,146	
	DCM	Labor	Labor Entries <\$5,000			187										187
		Labor Total			187											187
	DCM Total			187												187
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000	680	455		237	1,243	592		475	238	234	473	4,627	
		Labor Total	680	455		237	1,243	592		475	238	234	473	4,627		
	ELEC SYS PLANNING Total	680	455		237	1,243	592		475	238	234	473	4,627			
	Labor - Other	Labor	Labor Entries <\$5,000	(96,618)	(86)	116	140	667	(414)	82	230	56	229	21	116	(95,460)
		ELM Execution EPC contractor Environment													18,513	
		Lugo-Mohave (NV) T/L - EPC install OPGW													103,980	
		Labor Total	(96,618)	(86)	116	140	667	(414)	82	230	56	229	21	116	103,980	
	Labor - Other Total			(96,618)	(86)	116	140	667	(414)	82	230	56	229	21	122,610	
	Other	Other	Other	14	3		1	11						1	29	
		SODEXO MAGIC FOOD SERVICE					1								1	
	Other Total			14	3		1	12						1	30	
	Other Total			14	3		1	12						1	30	
	TRANSMISSION	Labor	Labor Entries <\$5,000												-	
		Labor Total													-	
	TRANSMISSION Total														-	
1. Project Support Total				783	393	116	565	1,940	351	266	356	746	617	504	123,299	129,936
3. Construction	Construction Management Service Contract	Contract Entries <\$50,000													-	-
	Contract Total															-
	Construction Management Services Total															-
	GRID OPS	Labor	Labor Entries <\$5,000					164								164
		Labor Total					164									164
	GRID OPS Total						164									164
3. Construction Total																164
4. Allocated	Chargebacks	Chargeback	Chargeback Entries <\$5,000													-
		Chargeback Total														-
	Chargebacks Total															-
	Labor - Other	Labor	Labor Entries <\$5,000	6,229	194	20	332	722	123	48	46	317	192	105	75	8,404
		ELM Execution EPC contractor project man	7,035													7,035
		Labor Total	13,264	194	20	332	722	123	48	46	317	192	105	75	15,439	
	Labor - Other Total			13,264	194	20	332	722	123	48	46	317	192	105	75	15,439
4. Allocated Total				13,264	194	20	332	722	123	48	46	317	192	105	75	15,439
5. Corporate Overhead	Non Budget - Other	Non Budgeted	AFUDCC - Debt/Equity	(42)				79				2				39
			Capitalized Overhead - A&G	858	32	6	66	343	18	13	13	39	27	22	3,117	4,555
			Capitalized Overhead - Inj & Damages	609	1	0	2	(179)	0	0	0	3	0	0	35	471
			Capitalized Overhead - IT IMM	40	1	0	2	13	1	1	1	1	1	1	152	213
			Capitalized Overhead - P&B/Payroll Tax	512	555	67	815	1,266	292	36	87	481	303	171	332	4,917
		Non Budgeted Total	1,978	588	73	885	1,522	311	50	101	526	331	195	3,636	10,196	
			1,978	588	73	885	1,522	311	50	101	526	331	195	3,636	10,196	
5. Corporate Overhead Total			1,978	588	73	885	1,522	311	50	101	526	331	195	3,636	10,196	
			16,024	1,175	209	1,946	4,184	785	364	503	1,590	1,141	804	127,010	155,735	
			16,024	1,175	209	1,946	4,184	785	364	503	1,590	1,141	804	127,010	155,735	
			16,024	1,175	209	1,946	4,184	785	364	503	1,590	1,141	804	127,010	155,735	

Pin: 7546

Project: Eldorado-Lugo-Mohave

Order: 901904774

901904774 - Eldorado-Lugo T/L(CA): Clear infractions

SubCategory	Prime	Group	Detail	Month												Grand Total
				01	02	03	04	05	06	07	08	09	10	11	12	
1. Project Support	Con - Consults/Prof Svcs/Out Ord	Contract	Con - Consults/Prof Svcs/Out Ord to Ord	70,501		60,458				51	52	61	67	100	117	130,959
			Contract Entries <\$50,000	56,189		5,308			-							61,944
			Contract Total	126,690		65,766			-	51	52	61	67	100	117	192,903
	Con - Consults/Prof Svcs/Out Ord to Ord Total		126,690	65,766					-	51	52	61	67	100	117	192,903
	Contract Consult/Contract Ord to Contract		Contract Entries <\$50,000	17	20			19	347	317	200	370	232	399	315	2,236
			Contract Total	17	20			19	347	317	200	370	232	399	315	2,236
	Contract Consult/Contract Ord to Ord Total		17	20				19	347	317	200	370	232	399	315	2,236
	DCM	Labor	Labor Entries <\$5,000			187			-							187
		Labor Total				187			-							187
	ELEC SYS PLANNING	Labor	Labor Entries <\$5,000				187			-						-
		Labor Total					187			-						-
	ELEC SYS PLANNING Total															
	Labor - Other	Labor	Labor Entries <\$5,000	(126,687)	(1)	116	113	296	(36)	164	459	112	310	191	133	(124,830)
			ELM Execution EPC contractor Environment													46,283
			Eldorado-Lugo T/L - EPC clear Infraction													955,499
	Labor - Other Total	Labor Total		(126,687)	(1)	116	113	296	(36)	164	459	112	310	191	1,001,915	876,952
	Other	Other	Other	(126,687)	(1)	116	113	296	(36)	164	459	112	310	191	1,001,915	876,952
			SODEXO MAGIC FOOD SERVICE	14	3		1	0	0			1				19
		Other Total		14	3		1	0	0			1				19
	Other Total			14	3		1	0	0			1				19
1. Project Support Total				34	22	65,882	301	315	311	532	712	542	610	689	1,002,347	1,072,296
3. Construction	GRID OPS	Labor	Labor Entries <\$5,000			164			-							164
		Labor Total				164			-							164
	GRID OPS Total					164			-							164
3. Construction Total						164			-							164
4. Allocated	Labor - Other	Labor	Labor Entries <\$5,000	2,134	7	1,222	200	19	74	96	91	124	86	82	53	4,190
			ELM Execution EPC contractor Environment	5,818												5,818
			ELM Execution EPC contractor project man	8,923												8,923
		Labor Total		8,749												8,749
	Labor - Other Total			16,875	7	9,972	200	19	74	96	91	124	86	82	53	27,680
	16,875		16,875	7	9,972	200	19	74	96	91	124	86	82	53	27,680	
4. Allocated Total				16,875	7	9,972	200	19	74	96	91	124	86	82	53	27,680
5. Corporate Overhead	Non Budget - Other	Non Budgeted	Ad Valorem Tax			606										6,281
			AFUDC - Debt/Equity			(0)										(0)
			Capitalized Overhead - A&G	1,033	2	3,146	42	12	72	27	27	25	23	28	25,325	29,761
			Capitalized Overhead - Inj & Damages	809	0	9	1	0	(70)	0	0	1	0	0	287	1,038
			Capitalized Overhead - IT IMM	48	0	155	1	1	(4)	2	2	0	1	1	1,238	1,443
			Capitalized Overhead - P&B/payroll Tax	20	67	510	90	153	72	174	145	148	119	85	1,584	
	Non Budget - Other Total	Non Budgeted Total		1,891	22	3,377	1,160	103	151	101	202	171	172	149	33,216	40,713
5. Corporate Overhead Total				1,891	22	3,377	1,160	103	151	101	202	171	172	149	33,216	40,713
				1,891	22	3,377	1,160	103	151	101	202	171	172	149	33,216	40,713
	18,800		18,800	51	79,230	1,825	437	537	729	1,006	837	867	920	1,035,617	1,140,854	
	18,800		18,800	51	79,230	1,825	437	537	729	1,006	837	867	920	1,035,617	1,140,854	
				18,800	51	79,230	1,825	437	537	729	1,006	837	867	920	1,035,617	1,140,854

SCHEDULE 10

**SUMMARY OF ISO CAPITAL EXPENDITURE
FORECAST INCENTIVE PROJECTS**

WORKPAPERS

Summary of ISO Capital Expenditure Forecast - Incentive Projects
(\$000)

PIN	Project Title	Order #	Voltage	High/Low	Project Total (ISO & non-ISO)				ISO Portion			
					OD	Prior	2019	2020	Total	Prior	2019	2020

Incentive Transmission Projects includes only Direct Installation Expenditures

Various	Tehachapi - Segments 3B & 3C												
07183	230 kV Transmission Line Between Highwind and Windhub Substations	800062547	High	Dec-12	-	4	-	4	-	4	-	4	
07183	Total Segment 3B				-	4	-	4	-	4	-	4	
	Total Tehachapi Segments 3B & 3C				-	4	-	4	-	4	-	4	
	Total Tehachapi Segments 1-3 - Incentive Qualified				-	4	-	4	-	4	-	4	
Various	Tehachapi - Segments 4-11												
05243	New Vincent-Duarte 500kV T/L	800217316	High	Nov-14	-	2,817	-	2,817	-	2,817	-	2,817	
05243	Total Segment 6				-	2,817	-	2,817	-	2,817	-	2,817	
06438	New Antelope-Mesa 500kV T/L	800218138	High	Feb-18	-	20	-	20	-	20	-	20	
06438	Total Segment 7				-	20	-	20	-	20	-	20	
06439	New 33 mile Vincent-Mira Loma 500kV T/L	800218645	High	Mar-16	-	(12)	-	(12)	-	(12)	-	(12)	
06439	Total Segment 8				-	(12)	-	(12)	-	(12)	-	(12)	
07553	Mira Loma-Vincent 500 kV T/L (UG): Civil & Cable Portion	900610533	High	Oct-16	-	40	-	40	-	40	-	40	
07553	TRTP-Segment 8A CHUG: Land/ Easements Acquisition/ Condemnation	801479004	High	Sep-19	-	72	-	72	-	72	-	72	
07553	East Transition Station	901109252	High	Dec-16	-	271	-	271	-	271	-	271	
07553	West Transition Station	901109253	High	Dec-16	-	(26)	-	(26)	-	(26)	-	(26)	
07553	Total Segment 8A (TRTP 500 kV Underground)				-	357	-	357	-	357	-	357	
06442	Mesa-Vincent #1 500kV T/L	800217339	High	May-15	-	461	-	461	-	461	-	461	
06442	Total Segment 11				-	461	-	461	-	461	-	461	
	Total Tehachapi Segments 4-11 - Incentive Qualified				-	3,643	-	3,643	-	3,643	-	3,643	
	Total Tehachapi - Segments 1-11 Incentive Qualified				-	3,647	-	3,647	-	3,647	-	3,647	
08169	Colorado River Substation Expansion (CRSE)												
08169	Install 2nd AA Bank and expansion of the Colorado River Corridor RAS including N-1 of AA Bank	902519003	High	Dec-21	-	400	15,916	16,316	-	400	15,916	16,316	
	Total CRSE				-	400	15,916	16,316	-	400	15,916	16,316	
07650/0769 Whirlwind Substation Expansion Project (Whirlwind)													
07650	Whirlwind 3rd AA bank and SPS	901307713	High	Apr-17	-	2	-	2	-	2	-	2	
07695	Install N60 relays to add generation to Whirlwind AA Bank Special Protection Systems (SPS)	901368041	High	Oct-17	-	5	-	5	-	5	-	5	
	Total Whirlwind				-	7	-	7	-	7	-	7	
06902	Calcite Substation (formerly Jasper; part of South of Kramer)												
06902	Jasper: LGIA Engineer and construct a new interconnection facility	900295954	High	Jul-21	3,826	300	2,605	6,731	3,826	300	2,605	6,731	
	Total South of Kramer				3,826	300	2,605	6,731	3,826	300	2,605	6,731	
06420	West of Devers												
06420	West of Devers Upgrade Project: Preliminary Engineering & Licensing	800062511	High	May-21	52,933	0	-	52,933	52,933	0	-	52,933	
06420	Devers Sub: Install 220kV circuit breakers & disconnect switchess	901453922	High	Oct-21	2,881	52	849	3,782	2,881	52	849	3,782	
06420	El Casco Sub: Install 220kV Terminal Equipment	901453923	High	Dec-19	-	550	550	1,100	-	550	550	1,100	
06420	Etiwanda Sub: Install 220kV Relay Equipment	901453924	High	Aug-19	151	0	-	151	151	0	-	151	
06420	San Bernardino Sub: Install Disconnects	901453925	High	Aug-21	4,297	895	750	5,942	4,297	895	750	5,942	
06420	Rebuild Devers-El Casco & El Casco-San Bernardino 220 kV lines with 2B-1590 aluminium conductor steel-reinforced cable (ACSR) on double circuit towers	901460764	High	May-21	137,653	163,823	147,574	449,050	137,653	163,823	147,574	449,050	

Summary of ISO Capital Expenditure Forecast - Incentive Projects
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PIN	Project Title	Order #	Voltage	High/Low	Project Total (ISO & non-ISO)					ISO Portion				
					OD	Prior	2019	2020	Total	Prior	2019	2020	Total	
06420	Vista Sub: Install Disconnects	901453926	High	Dec-19	2,421	670	670	3,761	2,421	670	670	3,761		
06420	Acquire Easements for West of Devers	801275175	High	Feb-19	6,272	2,391	380	9,043	6,272	2,391	380	9,043		
06420	Total West of Devers				206,609	168,382	150,773	525,763	206,609	168,382	150,773	525,763		
06092	Alberhill System													
06092	Licensing Phase - Site Selection, PEA/Application Preparation, Environmental Surveys and CPUC Licensing Review.	800063633	High	Dec-25	21,506	1,499	1,498	24,503	11,269	785	785	12,840		
06092	Valley: Replace existing LFCB relay with SEL-311L relay on Valley 500kV position 7XS. Replace existing SFI -311C/RFI 9745 relay with SFI-311L relay on Valley 115kV position 3S	800374409	High	Dec-25	7	-	-	7	5	-	-	5		
06092	Replace existing LFCB relay with SEL-311L relay on Serrano 500kV position 3E	800374410	High	Dec-25	3	-	-	3	3	-	-	3		
06092	Alberhill Real Properties Acquisition	800796373	High	Dec-25	83	-	-	83	41	-	-	41		
06092	Alberhill-Serrano 500kV: Form the Alberhill-Serrano 500 kV line by looping the existing Serrano- Valley 500 kV line into Alberhill Substation	900502072	High	Dec-25	200	-	-	200	200	-	-	200		
06092	Alberhill-Valley 500kV: Form the Alberhill-Valley 500 kV line by looping the existing Serrano-Valley 500 kV line into Alberhill Substation	900502073	High	Dec-25	38	-	-	38	38	-	-	38		
06092	Total Alberhill				21,837	1,499	1,498	24,834	11,556	785	785	13,126		
07546	Eldoradoado-Lugo-Mohave Upgrade													
07546	ELMSC Real Properties Acquisition	801648460	High	Dec-21	30	226	1,737	1,993	30	226	1,737	1,993		
07546	Eldoradoado Sub: Upgrade Terminal Equipment	901056467	High	Dec-21	9,313	4,577	6,624	20,515	9,313	4,577	6,624	20,515		
07546	Lugo Sub: Upgrade Terminal Equipment and	901056468	High	Dec-21	14,026	5,491	8,710	28,227	14,026	5,491	8,710	28,227		
07546	Mohave Sub: Install circuit breakers, disconnect switches & series capacitors	901490550	High	Dec-21	9,086	6,526	8,126	23,737	9,086	6,526	8,126	23,737		
07546	Mid-Line Cap:Inst cap on Eldorado Lugo T/L	901624163	High	Dec-21	9,632	5,168	9,366	24,166	9,632	5,168	9,366	24,166		
07546	Inst Eldo-Lug-Mhve Series Caps at Ludlow	901826564	High	Dec-21	10,224	5,150	9,321	24,694	10,224	5,150	9,321	24,694		
07546	Eldoradoado-Mohave T/L: Instal Optical Ground Wire (OPGW), splice	901904770	High	Dec-21	1,286	2,577	2,388	6,251	1,286	2,577	2,388	6,251		
07546	Lugo-Mohave T/L(CA): Instal Optical Ground Wire (OPGW), splice	901904772	High	Dec-21	3,298	7,103	6,192	16,593	3,298	7,103	6,192	16,593		
07546	Lugo-Mohave T/L(NV): Instal Optical Ground Wire (OPGW), splice	901904773	High	Dec-21	249	451	531	1,231	249	451	531	1,231		
07546	Eldoradoado-Lugo T/L(CA): Clear CPUC General Order (GO)-95 infractions	901904774	High	Dec-21	1,228	1,169	2,172	4,569	1,228	1,169	2,172	4,569		
07546	LADWP McCullough Substation: replace five 525kV 500kA power circuit breakers (PCB) with five new 525kV 63kA PCBs	902618358	High	Dec-21	-	-	10,477	10,477	-	-	10,477	10,477		
07546	Total Eldoradoado-Lugo-Mohave				58,371	38,439	65,644	162,453	58,371	38,439	65,644	162,453		
07555	Mesa Substation													
07555	Mesa Substation: Upgrade Mesa from a 230/66/16 kV substation to a 500/230/66/16 kV substation.	900959223	High	Jun-21	181,077	64,054	16,245	261,375	91,878	32,501	8,242	132,622		
07555	Laguna Bell: Replace (4) 230 kV circuit breakers	901192480	High	Dec-19	1,940	370	-	2,311	1,940	370	-	2,311		
07555	Lighthipe:Replace(2) 230kV circuit breakers & disconnect switches	901192481	High	Jun-19	594	594	6	1,195	594	594	6	1,195		
07555	Rio Hondo Sub: Upgrade/Update Protection	901192483	High	Dec-19	226	146	-	372	226	146	-	372		
07555	Mesa Area Phase2: Relocate various lines	901197441	High	Dec-20	5,082	165	874	6,121	5,082	165	874	6,121		
07555	Mesa-Redondo 220kV: Install 4 structures and 2300 ckt ft of conductor.	901560422	High	Dec-20	2,039	587	1,474	4,100	2,039	587	1,474	4,100		
07555	Center Sub:Replic 3 GE relays	901564026	High	Nov-19	177	106	-	284	177	106	-	284		
07555	Redondo Sub: Replic 1 SEL-311L relay.	901564029	High	Dec-19	387	11	-	398	387	11	-	398		
07555	Mesa: SCE 50% MWD Water Line Relocation	901777019	High	May-18	-	-	-	-	-	-	-	-		
07555	Eagle Rock-Mesa: Install 1 structure and 1500 ckt ft of conductor	902124236	High	Dec-20	101	484	-	586	101	484	-	586		
07555	Goodrich-Mesa: Install 1000ft conductor	902124387	High	Dec-20	5	328	-	332	5	328	-	332		
07555	LaQua Bell-Mesa #1 220kV: Install 2300 ckt ft of conductor	902124388	High	Dec-20	5	414	-	419	5	414	-	419		
07555	LaQua Bell-Mesa #2: Install 3 structures and 1400 ckt ft of conductor	902124389	High	Dec-20	287	1,962	-	2,250	287	1,962	-	2,250		
07555	Lighthipe-Mesa: Install 3 structures & conductor	902124390	High	Dec-20	1,507	1,781	-	3,288	1,507	1,781	-	3,288		
07555	Mesa-Rio Hondo #1 220kV: Install 4 structures and 3000 ckt ft of conductor	902124394	High	Dec-20	490	1,802	2,542	4,835	490	1,802	2,542	4,835		
07555	Mesa-Rio Hondo2: Install 3000ft conductor	902124395	High	Dec-20	2	384	448	834	2	384	448	834		
07555	Mesa-Vincent1: Install 2 structures & conductor	902124396	High	Dec-20	2,143	3,188	-	5,331	2,143	3,188	-	5,331		
07555	Mesa-Vincent2: Install 2 structures & conductor	902124398	High	Dec-20	660	1,876	-	2,535	660	1,876	-	2,535		
07555	Mesa-Walnut: Install 4 structures and 2900 ckt ft of conductor	902124580	High	Dec-20	268	816	2,075	3,160	268	816	2,075	3,160		
07555	Redondo-Vincent: Install 1500 ckt ft of shoofly conductor.	902124582	High	Dec-20	-	9	-	9	-	9	-	9		
07555	Goodrich-LaQua Bell: Install 1500ft conductor	902132965	High	Dec-20	-	9	-	9	-	9	-	9		
07555	LaQua Bell-Rio Hondo: Install 1 shoofly ESP and 500 ckt ft of shoofly conductor.	902132967	High	Dec-20	2,276	177	490	2,943	2,276	177	490	2,943		
07555	Mesa: Upgrade to a 500/230/66/16kV substation	902178838	High	Mar-22	1,173	35,206	97,849	134,228	1,173	35,206	97,849	134,228		

Summary of ISO Capital Expenditure Forecast - Incentive Projects

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PIN	Project Title	Order #	Voltage	OD	Project Total (ISO & non-ISO)				ISO Portion			
					Prior	2019	2020	Total	Prior	2019	2020	Total
07555	Acquisition of parcels in fee to support the installation of getaways, risers, and drainage culvert.	801291267	High	Apr-17	-	-	-	-	-	-	-	-
07555	Mesa-Mira Loma: Install 2 new structures and 1600 ckt ft of conductor	902124234	High	Dec-20	15	27	4,076	4,118	15	27	4,076	4,118
07555	Mesa-Vincent: Install 1600 ckt ft of conductor	902124235	High	Dec-20	-	92	305	398	-	92	305	398
07555	Mira Loma 500kV T/L: Install (1) L90 relay. Install (2) SEL-411L relays. Install (2) RFL-9745 channels	902472308	High	Jun-21	0	3	-	4	0	3	-	4
07555	Vincent 500 kV T/L: Install (1) L90 relay. Install (2) SEL-411L relays. Install (2) RFL-9745 channels.	902472309	High	Jun-21	0	2	-	2	0	2	-	2
07555	Total Mesa				200,455	114,595	126,384	441,435	111,257	83,043	118,382	312,681
Total Incentive Transmission Projects					491,098	327,268	362,820	1,181,187	391,618	295,002	354,105	1,040,725
Total Incentive Transmission Projects (Closing by Dec 2020)					27,049	22,596	13,891	63,535	27,049	22,596	13,891	63,535

SCHEDULE 10 & 16

IDENTIFICATION OF ISO PROJECTS ABOVE \$5M

WORKPAPERS

During the period January 2019 through December 2020, SCE forecasts:

- \$777 million in ISO non-incentive network transmission closings to plant in-service (including \$366 million in ISO Blanket Specifics closings),
- \$649 million in FERC incentive rate qualified CWIP expenditures, and;
- \$63 million of CWIP Expenditures closing to plant in-service

In addition to the numerous but relatively small transmission projects, there are 30 significant transmission projects (each \$5 million or greater in ISO-related costs) that are expected to be placed in service in the period January 2019 through December 2020 – ten Blanket Specifics (items 1 through 10 below), 20 Specific non-incentive projects (items 11 through 30 below), and two Specific incentive projects (items 13 and 20 below).

These projects will increase the reliability of the ISO transmission grid, increase access to new generation resources to serve the ISO market, and/or provide congestion relief.

SCE's Formula Protocols, Section 3(a) specifies that SCE will provide work papers detailing specific information regarding its capital forecast.

Table 1
Forecast Direct Capital Expenditures Projected Closing to Plant In-Service between 2019 and 2020
(Nominal \$Millions)

No.	PIN	Project	FERC CWIP	FERC Non-CWIP	Total
1	3362	Critical Infra Spare - FERC Spare Transformer Equipment Program (STEP)/ Emergency Spares	-	20.288	20.288
2	3364	Transmission Grid-Based Maintenance (Tower Corrosion)	-	22.300	22.300
3	4211	Replace Bulk Power Circuit Breakers	-	5.934	5.934
4	4756	Substation Miscellaneous Equipment Additions & Betterment	-	41.551	41.551
5	5089	Bulk Power 500kV & 220kV Line Relay Replacement	-	14.331	14.331
6	5210	Substation Transformer Bank Replacement Program (AA-Bank & A-Bank)	-	25.791	25.791
7	7298	Transmission Line Rating Remediation	-	168.937	168.937
8	7392	Seismic Assessment and Mitigation Program for Transmission Assets	-	9.788	9.788
9	7454	Physical Security Systems - Electric Facilities	-	11.153	11.153
10	7637	Substation Facility Capital Maintenance	-	10.777	10.777

11	3138	LADWP DC Electrode Replacement	-	32.441	32.441
12	3138	LADWP AC/DC Filter Replacement	-	89.637	89.637
13	6420	West of Devers Upgrade Project (WODUP)	14.055	12.539	26.594
14	6791	Lugo 500 kV Substation breaker installation for No. 1AA & No. 2AA	-	5.406	5.406
15	6824	La Fresa Sub (Phase 2 Scope): Install new MEER building	-	11.136	11.136
16	7120	Chino 230/66 kV: Bank on Circuit Breaker Project	-	25.998	25.998
17	7227	Casa Diablo IV Interconnection Project	-	5.507	5.507
18	7518	Springville Sub: Redesign high side feed from bank on bus to double CB at 220kV position 4 equipped with two (2) new 3000A 220kV CB's and disconnects.	-	7.539	7.539
19	7547	Eldorado-Mohave and Eldorado-Moenkopi 500kV Line Position Swap	-	11.491	11.491
20	7555	Mesa Substation	45.826	8.832	54.658
21	7666	C-RAS Program Phase 1: Colorado River Corridor RAS	-	5.862	5.862
22	7763	Lugo-Victorville 500 kV T/L SPS	-	11.914	11.914
23	7820	Substation Physical Security Enhancements Project ¹	-	48.234	48.234
24	7884	Cerritos Channel Relocation Project	-	25.122	25.122
25	7959	Rector Substation Maintenance and Test Building Improvements Program	-	5.612	5.612
26	8009	Northern Area CRAS to Tehachapi CRAS	-	6.044	6.044
27	8042	Substation Physical Security Enhancements (Tiers 2-4)	-	17.908	17.908
28	8088	Harry Allen – Eldorado 500 kV T/L Project	-	14.967	14.967
29	8090	Bob Switch to Eldorado 220 kV Interconnection	-	7.985	7.985
30	8104	Moorpark-Pardee 230 kV No. 4 Circuit	-	26.558	26.558
31	Various	Less than \$5m each	3.654	61.535	65.189
		Total	63.535	773.117	836.652

1. Critical Infrastructure Spares (PIN: 3362)

Substation equipment controls the flow of electricity to customers. Therefore, when equipment and parts needs to be replaced, delays must be minimized. SCE must maintain an inventory of equipment that requires a long lead-time for ordering, especially as the infrastructure ages faster than it can be replaced. This inventory enables SCE to reduce outage time at the substation and minimize the customer minutes of interruption caused by an unplanned major equipment failure.

¹ PIN 7820 Substation Physical Security Enhancements Project is split between Blanket Specifics with \$7.953 million and Specific non-incentive with another \$40.281 million in ISO related capital additions to rate base (see WP Schedule 16 – Summary of ISO Cap Expenditures Non-Incentive Projects).

Examples of the equipment maintained in inventory at substations are transformers, circuit breakers, disconnects, and other similar equipment. Spare transformers are also used temporarily to address unforeseen increased load requirements at various substations during peak summer months.

Large transformers typically have delivery lead time of over six months or one year. An AA- (500/220 kV) or A- (220/66 kV or 220/115 kV) Bank transformer failure results in a significant reduction of system reliability and rapid replacement of failed transformers is essential to grid safety, efficiency, and reliability. Therefore an adequate number of readily available spare transformers is required.

The estimated ISO-related direct capital expenditures that are projected to go into rate base during this period are \$20.288 million.

2. Transmission Grid-Based Maintenance (Tower Corrosion) (PIN: 3364)

Transmission Grid-Based Maintenance includes Transmission Tower Corrosion and Transmission Tower Lead Paint Remediation. Transmission towers are among SCE's largest and most important assets. SCE operates around 27,000 towers across the SCE territory including out of state inner-ties. These structures and lattice towers are mostly comprised of galvanized, painted steel and typically range from 50 to 300 feet in height. Many of these structures were built between 1950 and 1990, while many others in the system actually predate 1950. As of the year 2020, 93% of SCE's tower portfolio will be 30 or older and subject to some level of corrosion. Corrosion has been observed particularly in towers where the protective paint coating has deteriorated. Once a galvanized tower begins to corrode the corrosion advances exponentially. For example, a tower with less than 5 percent rust at age 30 can oxidize to the point of failure within 10 years.

There are four phases of transmission tower corrosion:

- Phase I--<5% surface stain rust: Damage is not structural. Rust appears on edges and bolts.
- Phase II--Abrasive rust: Rust appears on bolts, edges, sub surface and horizontal flat areas. Rust falls off on touch.
- Phase III--Extensive, abrasive rust above ground and sub-surface with 10% to 25% of cross sectional area steel reduction.
- Phase IV--Structure failure with more than 30% of cross sectional area steel reduction in major load bearing members.

SCE's mitigation plan is comprised of four activities:

- (i) Inspections and testing underway on SCE's tower portfolio. Initial projections estimate that approximately 2700+ towers could be ranked in corrosion phases II or III. Inspections will be prioritizing based on age of the tower, climate and soil condition.
- (ii) Corrosion phase II entails above-ground and sub-surface structural repairs to the tower, and replacing corroded steel members, footings, nut and bolts.
- (iii) Phase III necessitates surface preparation and tower coating. Towers are cleaned and given an application of protective coating which prevents corrosion and seals tower for up to 20-25 years, thus extending the useful life of the asset.
- (iv) If a tower is in phase IV and we are unable to salvage the structure by conventional repairs or the coating method, the structure will be replaced.

An ongoing inspection and testing program will be implemented annually to identify further scope. These inspections will include above and below ground observations and testing, and will be an ongoing requirement similar to our intrusive pole inspections. Without mitigation, especially in more extreme weather areas, SCE's lattice towers will continue to corrode until tower collapse is

imminent. Tower failure is a serious public safety and reliability risk. Identified corrosion is a serious precursor to tower failure and needs to be actively addressed.

SCE also identified a potential issue with lead-based paint (LBP) based on benchmarking with Pacific Gas & Electric (PG&E) and initiated a system-wide assessment of 26,694 towers. Approximately 1,400 painted towers were identified, and 515 of these were found to have LBP. Paint and soil sample results were analyzed against the California Environmental Protection Agency Human and Ecological Risk Office (HERO) thresholds. SCE developed a prioritization scale with criteria adapted from PG&E based on exposure and land use. 160 towers (159 in Tier 1 and 1 in Tier 2) fell into the upper two tiers requiring the most attention. Tier 1 towers have potential human impacts (e.g., located near residences, schools, etc.) and Tier 2 towers have potential ecological repercussions (e.g., in close proximity to wetlands).

The mitigation plan is comprised of three activities: structural repairs, scraping and painting towers, and soil mitigation. This comprehensive approach allows for repairs to restore structural integrity, use of non-lead based coating to encapsulate any residual LBP and serve as a protective coating to extend tower life, and removal of LBP impacted soil beneath the towers. Overall, the mitigation plan is estimated for 4 years.

- 2019 (Year 1) – additional inspections, resource allocation, bids, engineering reviews
- 2020 (Year 2) - structural repairs, painting, soil mitigation
- 2021 (Year 3) – structural repairs, painting, soil mitigation
- 2022 (Year 4) – soil mitigation, project close-out

The LBP remediation program addresses the health and safety risks of LBP on transmission towers. It will also provide these target structures with a protective coating that will enhance their corrosion resistance.

Because the tower corrosion and lead-based paint remediation programs are new endeavors for SCE, historical costs are not available for forecasting purposes. SCE's forecasting is based on unit costs and known scope, both for inspections and for remediation. The cost to remediate known towers with some level of corrosion, plus the cost to inspect the rest of the towers for existing corrosion makes up proposed funding levels for the 2019-2020 period.

The estimated ISO-related direct capital expenditures that are projected to go into rate base during this period are \$22.300 million.

3. Bulk Power Circuit Breaker Replacement (PIN: 4211)

Bulk power circuit breakers interrupt the flow of electricity through a transmission lines, typically at the 500 kV or 220 kV voltage levels. Circuit breakers are essential in preventing equipment damage and public injury when faults occur in their downstream circuits. Bulk power circuit breaker replacement program identifies and replaces bulk power circuit breakers approaching the end of their service lives that contain parts known to be problematic or no longer available, or that can no longer be cost-effectively maintained. The replacement of bulk power circuit breakers is under FERC jurisdiction and is necessary to proactively replace aging 220 kV and 500 kV circuit breakers at substations to enhance transmission system safety and to improve system reliability. This program also increases the reliability of the ISO transmission grid. The estimated ISO-related capital expenditures for this program that are projected to go into rate base in the period January 2019 through December 2020 are \$5.934 million.

4. Substation Miscellaneous Equipment Additions & Betterment (PIN: 4756)

Substation Miscellaneous Equipment Additions & Betterment captures the cost to remove, replace, and retire miscellaneous assets on a reactive or programmatic basis. It does not include the costs for preemptive replacement of circuit breakers,

substation transformers, substation protection, and control systems. Instead, it is predominantly like-for-like replacement of miscellaneous substation equipment with limited engineering. Equipment that is identified as requiring replacement must be replaced in a timely manner because substation equipment failures may lead to prolonged outages, unsafe operating conditions, or more expensive reactive solutions. Example includes the replacement of obsolete Disconnect Switches at Devers and Mira Loma 500 kV Substations. The estimated ISO-related direct capital expenditures for this program that are projected to go into rate base in the period January 2019 through December 2020 are \$41.551 million.

5. Bulk Power 500 kV & 220 kV Line Relay Replacement (PIN: 5089)

Relays are devices that monitor the currents and voltages for each piece of equipment in substations and actuate circuit breakers should these parameters exceed acceptable limits. Relays in 500 kV and 220 kV substations fall under FERC jurisdiction. Examples include the replacement of bulk relay(s) at Lugo, Mira Loma, Eldorado 500 kV, and Alamitos, Santiago, Kramer 220 kV substations. The estimated ISO-related direct capital expenditures for this program that are projected to go into rate base in the period January 2019 through December 2020 are \$14.331 million.

6. Substation Transformer Bank Replacement Program (PIN: 5210)

AA-Bank transformers are located in major substations where they take electricity at the 500 kV transmission level and transform it down to 220 kV. The Substation Infrastructure Replacement (“SIR”) program identifies and replaces AA-Bank transformers that are approaching the end of their service lives, that contain parts which are known to be seriously problematic or are no longer available, or that can no longer be cost effectively maintained. The costs of AA-Bank transformer replacement are all under FERC jurisdiction.

A-Bank transformers are located in major substations where they take electricity at the 220 kV transmission level and transform it down to a subtransmission voltage, either 115 kV or 66 kV. The SIR program identifies and replaces A-Bank transformers those are approaching the end of their service lives, that contain parts which are known to be seriously problematic or are no longer available, or that can no longer be cost-effectively maintained. The consequences of an in-service failure of an A-Bank transformer are highly undesirable. A-Bank transformers typically supply power to large portions of SCE's distribution system servicing hundreds of thousands of customers. While redundancy is built into the A-Bank system, an in-service failure would place the system into an "N-1" condition, wherein a second failure or system disturbance could result in a massive blackout affecting significantly large areas. The consequences of such a blackout are so severe that SCE believes that every reasonable precaution must be taken to prevent it. Although infrequent, in-service failures of A-Bank transformers can be violent. These transformers are oil-filled and catastrophic failures and ensuing fires can endanger the safety of SCE employees and the operability of nearby equipment. Inspections are extremely helpful in identifying many incipient failures. However, because of the speed at which failure mechanisms can arise and progress, inspections cannot prevent all failures. Therefore, planned preemptive replacements under controlled conditions of transformers clearly approaching the end of their service lives are a prudent and responsible action to minimize the risk of in-service failures.

In summary, the replacement of AA- and A-Bank transformers is managed by the Substation Infrastructure Replacement program which combines engineering analysis and expert judgment to ensure that the appropriate number of AA- and A-Bank transformers is replaced each year and that those which are replaced are the most risk-significant.

The estimated ISO-related direct capital expenditures for this program that are projected to go into rate base in the period January 2019 through December 2020 are \$25.791 million.

7. Transmission Line Rating Remediation (PINs: 7298)

SCE has been conducting a Transmission Line Rating Study to identify transmission lines potentially in violation of CPUC GO 95. As part of the study, SCE has completed its initial survey of all of SCE's CAISO-controlled transmission lines built before 2005. Based on the results of the survey, SCE prioritized the transmission line discrepancies that will require line clearance remediation. A discrepancy is any condition found in the field requiring remediation to meet GO 95 requirements during peak loading conditions. Discrepancies have been prioritized based on criteria such as line sag when operating at or below 130 degrees Fahrenheit, and potential risk to public safety and system reliability based on location of span, terrain, encroachment type, and extent of deviation from standards. The study prioritized the discrepancies within a span into six levels, with A1 being the highest priority, and followed by A2, A3, B1, B2, and B3. Remediation work to address discrepancies includes replacing towers and poles, clearing brush, replacing insulators, removing slack from lines, and other efforts to remediate line clearance issues.

In 2015, SCE finalized work on a plan to remediate all CAISO discrepancies over a ten-year period, 2016 – 2025. This plan requires a significant increase in work and spend over the ten-year period. Through 2015, remediation efforts have focused on the higher priority discrepancies. This remediated 428 discrepancies, cleared 866 discrepancies, and identified 344 discrepancies cleared by other SCE programs or projects. As of the end of 2015, there are approximately 6,167 CAISO discrepancies to be remediated within the ten-year period. To accomplish this increased level of work, SCE plans to take a more

programmatic approach to the remediation work, including the utilization of CPUC licensing projects, major projects exempt from licensing (i.e., re-conductors), and minor projects exempt from licensing (individual tower/pole modifications or replacements). The ten-year plan was developed with North American Electricity Reliability Corporation (“NERC”) and Western Electricity Coordinating Council (“WECC”) input.

Besides the CAISO discrepancies, NERC/WECC requested that SCE perform studies on the non-CAISO controlled lines (radial lines). This study was completed in 2015 and will require additional discrepancies to be remediated by 2030, as agreed to by SCE and NERC/WECC.

Transmission Line Rating Remediation (“TLRR”) efforts include both O&M and capital work. A high percentage of these expenditures are for work on CAISO-controlled transmission, which is under FERC jurisdiction.

TLRR capital expenditures are based on a specific, project-based forecast. The forecast includes the costs for remediation activities, engineering, environmental, and materials, allocated by year and by priority level. A large increase in 2017 and 2018 spending was driven by major construction projects coming out of design, leading to large scale material procurement and a high volume of bulk power construction. Most projects and associated costs are FERC jurisdictional.

The significant increase in spend is correlated with the change in program strategy to meet the regulatory requirements discussed above. Using the previous strategy, it would have taken SCE well beyond the agreed upon ten-year timeframe to remediate all discrepancies. To shorten the time to achieve compliance, SCE developed a plan that focuses more on bundling many discrepancies by circuit and geographic location, such as utilizing major licensed re-conductor projects which can remediate many discrepancies in the scope of one large project. Since licensing projects take longer to complete, the costs requested

in this rate case are for many smaller scale projects that do not require licensing, though the same bundling approach applies. This will allow SCE to complete the remediation to meet the regulatory requirements. Forecasts for projects in the preliminary stages of engineering use a cost per remediation method and projects with completed engineering use cost estimates for specific scope.

Total forecast of TLRR direct capital expenditures between 2019 and 2020 is \$202.136 million and estimated ISO-related direct capital expenditures that are projected to go into rate base during this period are \$168.937 million.

8. Seismic Mitigations for Transmission Assets (PIN: 7392)

Operating in one of the most seismically active areas in the United States, a major earthquake is one of the most catastrophic incident SCE can plan for; therefore, it is the basis for the company's All Hazard Assessment and Mitigation Program and associated exercises. In a 2015 report, the United States Geological Survey (USGS) introduced its latest earthquake model, the third Uniform California Earthquake Rupture Forecast (UCERF3). The UCERF3 model shows a prediction rate for earthquakes in Southern California with magnitudes between 5.0 and 8.0 greater than that in prior published earthquake models. According to the USGS report, the increased threat is due to the many interconnected faults in California. These interconnected faults can trigger seismic activities in one another, increasing the probability of multi-fault ruptures. This probability is significant due to the number of faults interconnected with San Andreas, the fault most likely to be the source of the most catastrophic earthquakes in the state. The report also reveals that the number of known faults in California is 250,000, not 10,000 as previously reported, and more faults will probably be discovered. The report supports recent predictions there is a 60 percent chance Southern California will experience a magnitude 6.7 earthquake in the next 30 years and a 46 percent

chance a 7.0 will occur. These predictions are driving SCE's focus on preparing for and mitigating the potential impacts of moderate to large-scale earthquakes.

SCE prioritized bulk transmission substation assessment from 2016-2020.

Transmission substations are large and can support hundreds of thousands of customers by moving power from high voltage transmission lines to lower voltage distribution systems. Assessment of transmission substations identified improvements that could be made that would limit the likelihood of a major earthquake significantly damaging the substations assets so as to prevent it from being able to deliver power to other transmission substations or to lower voltage distribution substations. The scope of this effort included assessment of all 70 of SCE's transmission substations and mitigation activities to the majority of these locations. This work is still under way with a large majority of these mitigations scheduled to be completed by 2020. Between 2021-23 SCE plans to complete three additional transmission substation mitigations. Most of this mitigation activity includes replacing older fragile transformer bushings, securing curing hanging and suspended equipment at the end of transmission lines and insuring there sufficient conductor slack to prevent it from snapping during an earthquake. These remediation activities were results from a third party consultant's assessment report and field reconnaissance by SCE. The recommendations were based on improving lower cost components that if improved, significantly avoids the likelihood of an outage.

To continue to improve the survivability of transmission substations, additional analysis indicates that retrofitting the buildings that houses electrical and computer systems that support the delivery or power from the substation would improve the likelihood that the substation could continue to deliver services to lower voltage substations that ultimately serve power to customers. In this next phase of work SCE will perform building retrofits in some transmission substations to insure buildings stay intact and are able to support critical power

delivery functionality to distribution substations. SCE plans to retrofit 10 of transmission substation buildings between 2021 and 2023.

Transmission substations are connect by transmission lines. Transmission lines, specifically transmission towers are susceptible to damage. Damage is typically not with the structure itself as various design standards make it such that the structure will not snap in half, rather the vulnerability is typically with the ground moving such as in a landslide, significantly causing the tower to move. SCE has already assessed through desktop analysis most of its transmission towers and has conducted site investigation along two specific corridors, along the Cajon and Tajon pass. We have identified mitigation that helps prevent the ground beneath a transmission tower for moving significantly during an earthquake. By 2020 we expect to mitigate 8 towers that have been identified as vulnerable to landslide risk or earth movement that may cause damage that will prevent it from supplying power from one transmission substation to another. From 2021 to 2023 we anticipate to identify and mitigate additional transmission towers.

Based on the scope and costs to mitigate both transmission towers and lines/corridors and transmission substation structures, SCE forecasts ISO-related capital expenditures of \$9.788 million to perform corresponding mitigations for SCE's transmission assets in the period January 2019 through December 2020. All of the amount is projected to go into rate base during this period.

9. Physical Security Systems – Electric Facilities (PIN: 7454)

The physical security systems program for electric facilities deploys and standardizes new security systems at SCE and corrects identified deficiencies with access control and monitoring of SCE entry/exit points, critical areas, and critical assets. Each year, Corporate Security reviews emerging threats and security vulnerabilities to develop a prioritized list of electrical facilities designated for security system installations or security systems refresh and enhancements for the

next year. Electrical facilities requiring a new security system or security system component will undergo a structured process to identify specific physical security needs and to develop a system design incorporating SCE security standards, installation and integration with the Edison Security Operations Center (ESOC), and personnel training and awareness. Each deployed security system will be standardized to improve management of replacement assets, maintenance costs, and refresh cycles of security technology components.

To maintain the operation of existing alarm, access control, and security systems at SCE, Corporate Security will first identify which facilities have security systems that are non-operational or are operating at a degraded performance level. Corporate Security will evaluate each security system to be enhanced or refreshed considering current operations, how the site is being utilized, types of assets requiring protection, access controls for population and types of persons at the site, and the required protections associated with the refresh/enhancement.

Completing work needed for NERC CIP-014 Tier 1 substation and associated command centers/switching centers critical asset protection is a priority for 2019 and 2020. NERC CIP-014 work requires many of the same resources as the Physical Security Systems – Electrical Facilities Program. Consequently, a low level of work for this program was scheduled for prior years. From 2019 to 2023, the focus will be on making security enhancements to control/command centers, major/medium/minor substation enhancement projects, and system replacements and renewals.

The estimated ISO-related capital expenditures for this program that are projected to go into rate base in the period January 2019 through December 2020 are \$11.153 million.

10. Substation Facility Capital Maintenance (PIN: 7637)

SCE's Substation Capital Maintenance Program seeks to preserve the value of SCE's substation buildings, equipment, and grounds, making them as safe and productive as reasonably possible and proper asset management requires a proactive capital maintenance program to repair or replace building systems and components that are damaged, degraded, non-operational, non-compliant, or have reached their end of useful life.

SCE uses Asset Management Methodology, to prioritize capital projects and program expenditures to support SCE's objectives to provide safe, reliable, and affordable electricity to its customers. One of the three main influencing factors under Asset Management Methodology is Facility Condition Index (FCI) that assesses conditions (e.g., age and wear of the building and its systems), and compares the cost to improve them against the cost to replace the building or site. The FCI score, expressed as a percentage, is the ratio of the cost of correcting identified deficiencies to the replacement cost for the facility in whole. A low FCI score is more desirable than a high one. To be more specific, the FCI Score of 0-5.0% translates into Good; 5.1%-10.0% into Fair; 10.1%-29.9% into Poor; and >30% into Critical overall condition characterization. SCE's portfolio FCI score has improved from 23% (Poor condition) in 2013 to 16% in 2016 - improved, but still in Poor condition and, therefore require ongoing capital maintenance. For the 2015 SCE FCI Report, please refer to the attachment. It would not be prudent to replace all aged facilities, for a variety of reasons. FCI is one indicator used by SCE in prioritizing investments. Other conditions and influencing factors must also be considered, as discussed below.

Asset Priority Index (API) rates the relative importance of a facility among the network of facilities required to serve SCE's customer base. A facility's API is used to define a facility's importance in meeting SCE's strategic business intent and operational performance. Periodically, SCE's Corporate Real Estate (CRE)

department consults with SCE leadership from across OUs to rank SCE's facilities. A site is prioritized by its importance and criticality to delivering safe and reliable services. A lower API ranking (i.e., number) indicates a higher priority. An API ranking of three shows a highly-needed and important facility, as compared to an API ranking of 98, which would be a non-essential asset. SCE deprioritizes investments in non-essential buildings, such as a general non-electric tool shed, with a Poor FCI condition and a high API ranking. Conversely, investments are prioritized for the most significant facilities, which have comparatively high operational purpose and, therefore, a low API rank. Last, where the FCI and API focus on the condition and criticality of a facility, SCE considers a facility's fitness for purpose, as a way to integrate evolving business conditions, and the ability of a facility to support these changes, into portfolio planning and capital prioritization. This factor considers the unique conditions of a facility and its ability to support current and future operations, such as:

- Changing work methods or equipment (e.g., T&D vehicles or IT data processing machines) and limitations or deficiencies of the current building infrastructure, building design, and site design, which can cause overburdened building systems, non-compliance with current building codes, or poor service reliability conditions.
- Regulations, such as building codes that cannot be achieved in old building or site designs, that pre-dated such regulations, and which conditions have become an increasing concern for safety and operational reliability.
- The current capacity and utilization of buildings or sites (e.g., of parking, office spaces, etc.) versus the forecast growth or contraction and the ability for the facility, to best support the change.
- The ability to consolidate or co-locate functions or uses, to continue to use facilities to their highest and best use or to promote better collaborative work environments.

The forecast for substation capital maintenance is a combination of historical expenditures and a zero-based budget, considering fluctuations in the maintenance activity. The forecasted level of spend is needed for proper preventative maintenance to mitigate negative impacts from the prior delays, including costly repairs and replacements.

The estimated ISO-related capital expenditures for this program that are projected to go into rate base in the period January 2019 through December 2020 are \$10.777 million.

11. LADWP DC electrode replacement (Land and Ocean segments) (PIN: 3138)

The purpose of this project is to improve the availability and reliability of the newly upgraded Sylmar Converter Station East, the ground return cables need to be replaced and encased in a separate conduit bank along a new circuit route to the ocean electrodes. The project scope includes replacing the existing underground cables with higher-rated, insulated cables that eliminates oil pressure build-up and rupturing of the external lead sheath. The existing cables carry ground return current to ocean electrodes for the Sylmar High Voltage Direct Current (“HVDC”) transmission system and they were installed in 1969 when the Pacific DC Intertie (“PDCI”) was originally energized at +/- 400 kV, 1800 Amps, and 1440 MW.

After several upgrades to the PDCI, there have been no upgrades to the electrode and numerous failures have been sustained. Current operations are at a higher rating of +/- 500 kV, 3100 Amps, and 3100 MW. To replace the underground portion of the PDCI ground return system, project scope includes 7-8 miles of underground line from Kenter Terminal Tower and installation of up to 8 new miles of concrete encased conduit bank and 120,000 feet of new cable.

The proposed operating date is December 2019 with estimated ISO-related direct capital expenditures of \$32.441 million, which represents SCE’s 50% share

of the project. All of the total project cost is projected to go into rate base during this period.

12. LADWP AC/DC Filter Replacement (PIN: 3138)

The AC/DC Filter Replacement is a capital improvement project consisting of engineering, materials procurement, installation of four AC & two DC Filter Banks, and upgrading the HVDC Control and Protection at Sylmar Converter Station (SCS) East. The project scope is to upgrade the existing AC/DC filter banks along with control and protection system for the Pacific DC Intertie (PDCI) at Sylmar Converter Station. This project will be constructed by LADWP and a contractor with a total estimated cost of \$180 million. The construction of four AC filter banks and two DC filter banks along with demolition of four existing AC filter banks and two existing DC filter banks will be performed by LADWP. The design, engineering, equipment procurement, installation of control & protection system, and commissioning the entire project will be the contractor's responsibility with the following task:

- Third party consultant shall be employed to perform technical design review and owner's representation;
- All four existing AC filter banks shall be demolished and disposed from the SCS East and West. The new AC filter banks shall be installed exclusively at SCE East;
- The two existing DC filter banks shall be demolished and disposed from the SCE West. The new DC filter banks shall be installed at SCE East;
- The new AC/DC filters shall be seismically qualified as required per LADWP specifications;
- The existing DC line connections between the converters on the SCE East and the DC filters on the SCS West shall be partially removed;

- Two additional shunt reactors shall be installed to minimize the reactive interchange between AC and DC systems;
- The hardware and software of the HVDC control systems shall be upgrades to the latest version of control, monitoring, and protection system for the bi-pole, monopole, AC/DC filters interface, and associated auxiliary equipment;
- The newly commissioned transmission and control system at SCE East shall be in compliance with the last LADWP and NERC/FERC cyber security requirements;
- The new redundant AC/DC voltage dividers, filter bus ground switches, filter sub bank breaker and disconnects, and protections independent of the control system shall be included for the AC/DC filters;
- New Serveron Gas Monitoring units shall be installed and commissioned on the existing Convertor Transformers for online monitoring;
- The new AC/DC filters and associated equipment shall be integrated, tested, commissioned, and placed in-service;
- Outage duration for testing and commissioning shall be minimized;
- All old filter bank equipment shall be decommissioned;
- The two existing telecommunications buildings at the SCS West shall remain at current location. No changes shall be made to them as they house PDCI participant utility companies' equipment;

In additions, LADWP will perform the following:

- Development of specifications, request for proposals, bids review & selection, contract negotiations, and contract award;
- Engineering support and project management;
- Engineering will issue Construction Work Packages (CWP) in accordance with Contractor's design and specifications;

- Performing all civil and electrical construction for the AC/DC filter banks;
- Performing the design of overhead transmission lines and modifications to existing structures at Sylmar;
- Quality assurance, maintenance support, and construction inspection;
- Relocating 720 feet of a 30 inch water trunk-line under the project site;
- Providing around a clock security personnel during construction.

The proposed operating date is December 2020 with estimated ISO-related direct capital expenditures of \$89.637 million, which represents SCE's 50% share of the project. All of the total project cost is projected to go into rate base during this period.

13. West of Devers (PIN: 6420)

The West of Devers Project consists of upgrading and reconfiguring approximately 48 miles of existing 220 kV transmission lines between the Devers, El Casco, Vista and San Bernardino substations, increasing the power transfer capabilities in support of California's renewable portfolio standards goals.

In August 2016, the CPUC approved the construction of the West of Devers Project. As a result of the delay in receipt of the Project's approval from the CPUC, SCE deferred the forecasted timing of project capital expenditures. ORA filed an Application for Rehearing in September 2016 stating that the August 2016 decision failed to follow the California Environmental Quality Act when it approved the Project and should have approved an alternative project with an amended scope. In March 2017, the CPUC issued a decision denying ORA's September 2016 Application for Rehearing. This action confirmed SCE's proposed project. In December 2017, SCE awarded the competitive bid for transmission construction, which resulted in a decrease to the expected cost of the Project.

The proposed operating date for project is May 2021 with estimated ISO-related direct capital expenditures of \$26.594 million projected to go into rate base in the period January 2019 through December 2020.

14. Lugo 500 kV Substation breaker installation for No. 1AA & No. 2AA (PIN: 6791)

Currently, both No. 1AA and No. 2AA 500/230 kV transformer banks at Lugo substation are connected to the North and South Buses (respectively) via a bank-on-bus configuration. This configuration violates SCE's existing Transmission Planning Criteria. The project will improve operational flexibility, simplify future additions, and minimize the loss of station capacity during planned outages. The proposed operating date is July 2019 with estimated ISO-related direct capital expenditures of \$5.406 million. All of the amount is projected to go into rate base during this period.

15. La Fresa Substation New MEER (PIN: 6824)

This project involves the installation of a new Mechanical Electrical Equipment Room (“MEER”) building in addition to the current MEER building, and cutting over the existing protection. The new MEER is the second phase of a prior addition of a 220/66 kV transformer bank and new 220 kV circuit breakers at La Fresa. The new MEER building is necessary to address the aged control building, house the existing substation controls and protection, as well as to accommodate current standard SCE substation automation. The proposed operating date is November 2019 with estimated ISO-related direct capital expenditures of \$11.136 million. All of the amount is projected to go into rate base during this period.

16. Chino 220 kV Circuit Breakers (PIN: 7120)

Currently the No. 1A bank at Chino 230/66 kV Substation is connected in bank-on-bus configuration. Equipping the bank in circuit breakers configuration would ensure compliance with current planning criteria and guidelines which would offer higher operation flexibility. Project scope also includes installation of new 220/66 kV and 12kV MEER (including relays). The proposed operating date for the specific project is December 2020 and total ISO related direct capital expenditures that are projected to go into rate base during this period are \$25.998 million.

17. Casa Diablo IV Interconnection Project (PIN: 7227)

This project is need to interconnect the Casa Diablo IV Project to SCE's Casa Diablo Substation. The scope of the project includes the Casa Diablo IV interconnection in the Bishop SPS under the single outage of the Control-Coso-Haiwee-Inyokern 115 kV transmission line, the single outage of the Control-Haiwee-Inyokern 115 kV line, and the simultaneous outage of the Control-Coso-Haiwee-Inyokern and Control-Haiwee-Inyokern 115 kV lines. Two N60 relays will be also installed at Control 115/66 kV Substation as part of project scope. The proposed operating date for the specific project is August 2020 and total ISO related direct capital expenditures that are projected to go into rate base during this period are \$5.507 million.

18. Springville 220/66 (S) - Install high-side CBs to correct criteria violation (PIN: 7518)

Project is needed in order to comply with the Line & Bus criteria that all "A" banks must be connected to a Double Breaker or a Breaker-and-a-half position, (2) 230 kV CBs will be installed at Springville Substation. Scope of project includes redesign of high side feed from bank on bus to double circuit breakers at 220 kV position 4 equipped with two new 3000A 220 kV circuit breakers and disconnects at Springville Substation. L90 relays on the Springville-Magunden 220 kV

transmission line will be also replaced at Magunden Substation. Proposed operating date is August 2019 with estimated ISO-related direct capital expenditures of \$7.539 million projected to go into rate base between 2019 and 2020.

19. Eldorado-Mohave and Eldorado-Moenkopi 500 kV Line Position Swap (PIN: 7547)

This project is to remediate thermal overloads on Lugo-Victorville 500 kV Line caused by adjacent transmission circuits contingency of the Eldorado- Lugo and Eldorado- Mohave 500 kV lines. Initially, this project involved relocating six (6) miles of the Eldorado-Lugo 500 kV line to obtain a minimum separation of 250 feet from the Eldorado-Mohave 500 kV line so as to remove the two circuits as a credible adjacent transmission contingency. Since the approval of this project, SCE has found a better alternative to re-routing six (6) miles of transmission line. By swapping line positions between the Eldorado-Lugo and Eldorado-Moenkopi 500 kV lines, the same objective could be achieved. This alternative would have a lower cost as well as a shorter lead time for completion. Work will be required at Eldorado Substation and approx. 8 miles south of Eldorado Substation on the Eldorado-Mohave and Eldorado-Moenkopi 500 kV lines. The proposed operating date for the project is June 2018 and total ISO related direct capital expenditures that are projected to go into rate base during this period are \$11.491 million.

20. Mesa Substation (PIN: 7555)

The Mesa Substation Project consists of replacing the existing 220 kV Mesa Substation with a new 500/220 kV substation. The Mesa Substation Project would address reliability concerns by providing additional transmission import capability, allowing greater flexibility in the siting of new generation, and reducing the total amount of new generation required to meet local reliability

needs in the Western Los Angeles Basin area. In February 2017, the CPUC issued a final decision approving the Project largely consistent with SCE's proposal and rejected alternative project configurations proposed by CPUC staff.

In October 2017, SCE awarded the competitive bid for the new 220 kV portion of substation construction. SCE updated the expected cost of the Project due to schedule delays and scope changes. The remainder (500 kV portion of substation construction) was put out for bid in March 2019.

The projected operating date for the project is March 2022 with estimated ISO-related direct capital expenditures of \$54.658 million in projected closing to plant in-service in the period January 2019 through December 2020.

21. C-RAS Program Phase 1: Colorado River Corridor RAS (PIN: 7666)

Project objective is to install Centralized Remedial Action Scheme (CRAS) at Colorado River Substation for monitoring No.2AA Transformer Bank, Red Bluff No.'s 1 & 2 500 kV transmission lines; and transfer trip to generation plants Genesis I, Genesis II, Black Creek, and Dracker to maintain stability. The scope of this project is to install twelve N60 relays (six each for CRAS-A and CRAS-B) for monitoring No.2AA Transformer Bank, Red Bluff No.'s 1&2 500 kV lines; and transfer trip to above generation plants connected to the 220 kV switchrack. The project will be in parallel with the standalone Colorado River RAS project, but won't cut over till Q4 2015. The proposed operating date is May 2019 and estimated ISO-related direct capital expenditures that are projected to go into rate base are during this period \$5.862 million.

22. Lugo-Victorville 500 kV T/L Special Protection Scheme (“SPS”) (PIN: 7763)

The purpose of this project is to prevent overloads on the jointly-owned Lugo-Victorville 500 kV transmission line. This SPS trips the Transition Cluster (“TC”) generation projects for the N-1 loss of the Eldorado-Lugo 500 kV line and the N-2

loss of the Eldorado-Lugo and Lugo-Mohave 500 kV transmission lines. This project was approved by the CAISO in an executed LGIA. The proposed operating date is October 2019 and estimated ISO-related direct capital expenditures that are projected to go into rate base are during this period \$11.914 million.

23. Substation Physical Security Enhancements (PIN: 7820)

In 2014, NERC developed physical security regulations to require utilities to protect critical substations from attack that could cause widespread outages in the bulk electrical system. NERC CIP-014 addresses greater protection of key physical assets at the most critical BES facilities in order to reduce the overall vulnerability of these facilities to physical attacks.

SCE forecasts \$50.634 million to complete the installations of physical security systems at NERC CIP-014 facilities.

The stated purpose of the NERC CIP-014 Standard and its requirements is to identify and protect transmission stations and substations, and their associated primary control centers, which if rendered inoperable or damaged because of a physical attack, could cause widespread instability, uncontrolled separation, or cascading within an interconnection.

The NERC CIP-014 Standard for physical security requires a high-level threat and vulnerability analysis to uncover potential threats and weaknesses, and the corresponding impacts should an attack take place on a critical grid connection. The NERC CIP-014 Standard provides a structured framework whereby utilities must comply with the six requirements described in table below.

Table 2
NERC CIP-014 Requirement Description

Requirement	Description/Goal
R1	Applicability and Risk Assessments – Initial assessment and identification of critical facilities
R2	Unaffiliated Review – Independent review of initial (R1) risk assessment

R3	Control Center Notification – Coordination between operator and owner
R4	Threat and Vulnerability Assessment – Evaluation of potential threats/vulnerabilities of a physical attack
R5	Security Plan – Development and implementation of a physical security plan
R6	Unaffiliated Review – Third party assessment of R4 and R5

Under Requirements R1 through R3, SCE must perform an initial risk assessment (R1) to identify critical assets which, if compromised or attacked, could lead to one of the events described above, and those results must be reviewed by an independent third party (R2) and then communicated to SCE's control/switching centers (R3). Requirements R4 through R6 require a tailored assessment and evaluation of potential threats and vulnerabilities to each of the identified critical assets (R4), and then development and implementation of a plan (R5), corroborated by an independent third party (R6), to protect those identified assets from physical threats. Corporate Security is responsible for completing R4 through R6 requirements.

The drivers for the NERC CIP-014 project are to:

- Reduce the overall susceptibility of the power grid to physical attacks.
- Protect transmission substations and associated primary control centers.
- Deploy a multi-layered approach to detect, deter, delay, respond and monitor potential intrusions and attacks with the creation of uniform standards, processes and procedures.
- Demonstrate steps to address physical security risk and vulnerabilities related to the reliable operation of the BES.

On April 16, 2013, attackers severed six underground fiber-optic lines at PG&E's Metcalf substation in San Jose before firing more than 100 rounds of ammunition at substation equipment using high-powered rifles. The apparent acts of sabotage did not result in power outages. However, the attacks disabled large transformers (which took 27 days to repair) and some 911 and landline telephone

services, causing more than \$15 million in damages, and highlighting the vulnerability of the electric system to this type of action. There is widespread agreement among state and local officials and utility operators that critical substations are vulnerable to attack from both personally-motivated attackers and terrorists, and that the potential effects of such an attack on the U.S. economy and the well-being of those living in the affected areas could be devastating.

An attack has a high probability of disrupting the electric grid despite the high level of grid resiliency. In the last 10 years, international terrorists have attacked over 500 substations overseas. In 2002, two Al-Qaeda sympathizers were indicted for conspiring to bomb substations and a National Guard armory in southern Florida. In 2014, three militia members were arrested in Georgia buying improvised explosive devices (IED) to target critical infrastructure, including the power grid. In the last five years, there have been over 30 reported incidents of persons firing weapons at substations or control buildings, and six improvised explosive devices have been used against a substation or control building. While none resulted in electrical grid disruption, they highlight the inherent vulnerability of these facilities and the need for protective measures commensurate to the criticality and the potential risk.

Total forecast of Substation Physical Security Enhancements capital expenditures projected to go into rate base between 2019 and 2020 is \$50.634 million and estimated ISO-related portion is \$48.234 million.

24. Cerritos Channel Relocation Project (PIN: 7884)

The Port of Long Beach (POLB) requested SCE to relocate SCE facilities crossing the Cerritos Channel to accommodate a larger class of container ship in a letter from the Port on January 8, 2015. SCE's relocation is related to the Gerald Desmond Bridge replacement being done by the POLB for the same purpose. SCE's relocated facilities will need to provide a minimum air draft clearance for

205' (plus any applicable electrical or other required clearances). SCE lines (two 220 kV, six 66 kV, one 12 kV and one fiber wrap) that cross the Cerritos Channel currently provide approximately 150-foot clearance. Proposed project scope includes removal of the 220 kV circuits from Long Beach Substation to Harbogen Substation and removal of above ground structures at the Long Beach 220 kV switchyard, including abandoned equipment in the MEER. Proposed operation date is November 2019 with estimated ISO-related direct capital expenditures of \$25.122 million projected to go into rate base between 2019 and 2020.

25. Rector Substation Maintenance and Test Building Improvements (PIN: 7959)

SCE operates approximately 900 substations. The T&D crews that perform maintenance and testing are strategically located throughout the service territory in order to best access these substations. Staff are located in buildings that, initially, were built as a temporary solution or they are in permanent facilities that were not built to adequately support a safe work environment. T&D evaluated all maintenance and test work function locations and identified six substations as priority for improvement. The six in scope for this project were built between 1955 and 1975. The six substations are: Antelope 500/220/66/12 kV, Mesa 220/66/12 kV, Pardee 220 kV, Devers 500/220/115 kV, Santa Clara 220/66 kV, and Rector 220/66/12 kV substation. Few renovations to these buildings have been made since they were originally constructed. Test and maintenance operations, at the six identified substations, are performed in separate areas of the site. Sometimes, crew members work at different substation locations due to the lack of space to accommodate the entire crew. Current storage facilities do not provide secure protection of equipment. In some instances, valuable testing parts and equipment are stored in temporary trailers or are not adequately protected from the environment. Many of the substations do not have adequate shop and storage spaces for the crews to perform their work or store critical equipment.

This makes it difficult for work flow continuity and communication between the test and maintenance groups. Co-locating the test and maintenance functions within one building, at each of these six sites, will improve efficiencies to work flow and communication, reduce downtime, and efficiently bring critical services to the system. Based on preliminary investigation, SCE identified deficient building conditions such as:

- The building areas cannot support productive working conditions (e.g., no break areas, lack of adequate restrooms).
- Given the age and type of construction, some buildings likely have lead or asbestos in the walls, ceilings, or floor tiles.
- The structural integrity of buildings is poor due to the age of some buildings.
- Buildings are not compliant with modern accessibility or building system regulations (e.g., lighting).

The Substation Maintenance and Test Building Program will address the areas of risk, at the six existing substations, that could have a direct impact on safety and service reliability. Given the: (1) age and condition of existing buildings, (2) productivity issues with crews working in poor building conditions and separate locations, and (3) limited space and storage, it is prudent to build a test and maintenance facility, at each of the six identified substations, which is tailored to its specific site conditions. For this project, SCE will:

- Design and develop an efficient site plan to include safe vehicular access, circulation, and parking.
- Obtain required studies (e.g., engineering and environmental), permits, and approvals.
- Prepare the site (e.g., excavation and/or grading) for circulation, run-off and water management, and utilities; secure the site for construction.

- Construct a test and maintenance building (approximately 13,000 square feet), at each of the six identified substations, with maintenance shops, test benches, employee work areas, meeting areas, and rest and break rooms.
- Construct covered parking for SCE trucks. Construct employee parking areas.

SCE forecasts total expenditures of \$10.505 million for Rector 220/66 kV substations whose capital spend is projected to go into rate base by 2020. Capital spend on the remaining Mesa 220/66/12 kV Substation is projected to go into rate base beyond 2020, so it is excluded in this request. The proposed operating date is June 2019 and \$5.612 million out of the total spend amount is ISO related.

26. Northern Area CRAS to Tehachapi RAS (PIN: 8009)

The scope of this project is to implement the Northern Area Remedial Action Scheme (RAS) analytic in Centralized RAS (CRAS). The Northern Area CRAS is a generation tripping scheme to that is needed protect against 500 kV transmission line overloads due to the high concentration of renewable generation interconnections at Antelope, Whirlwind, and Windhub Substations, under various N-1 and N-2 500 kV transmission line contingency outages. Project scope includes installation of four GE N60 relays at Whirlwind Substation to monitor the status of the Antelope-Whirlwind and Vincent-Whirlwind 500 kV transmission lines. Projected operating date is November 2019 with estimated ISO-related direct capital expenditures of \$6.044 million projected to go into rate base in the period January 2019 and December 2020.

27. Substation Physical Security Enhancements (Tiers 2-4) (PIN: 8042)

Electrical power to our customers is provided through a complex network of wires leading to and from substations. Substations transform voltage from high to low, or the reverse, or perform any of several other important functions at different

voltage levels. There are three general substation categories: (1) AA-Bank, or 500kV substations, (2) A-Bank, or 220kV substations, and (3) B-Bank, which are referred to as distribution substations. Each substation in these three categories has security features such as perimeter barriers, access controls using keys or electronic card readers, and alarm systems wired to the interior substation control rooms. These security measures provide our substations with a basic level of protection against intruders. Furthermore, substations and control centers may get additional security measures based on the criticality of need and the potential impact of a security breach. Criticality is defined by assessing the amount of load served, the number of network connection points, and other factors for each substation. These factors are then used to tranche the substations into a priority tier: Tier 1 accounts for the most critical electrical facilities; Tier 4 is the least critical.

Besides the Tier 1-NERC CIP 014 substations and facilities described above, SCE also plans to deploy security enhancements to other critical substations under business resiliency planning to protect our assets that are critical to safe and reliable power delivery . These critical substations are categorized into Tiers 2 to 4 based on their impact on the electrical systems if a breach or physical attack occurs. The substation tiers are prioritized based on the number of network connections, voltage class, and load. For example, Tier 2 is for 500 kV substation with five or more network connections or load over 1,000 MW or generation over 1,200 MW.

The Tier Program supports the efforts of providing safe and reliable service to our customers by improving the protection of critical assets, buildings, and people around electric facilities. Deployment of security systems at these facilities is prioritized based on operational need and evolving threats such as theft, vandalism, and security breaches. Security enhancements include perimeter intrusion detection, integrated access control, alarm management with ESOC and

video surveillance. This program identifies security deficiencies at these prioritized sites and develops and implements corrective plans accordingly. The scope varies based on site factors, but the general goal of the program is to develop a standardized deployment to improve SCE's facility security maintenance and management.

SCE plans to implement eight substation projects between 2019 and 2020 to enhance fencing, gate, and lighting under the Copper Theft Mitigation program. These costs are determined by the number of feet of new fencing and the lighting needed to deter further copper theft. For Tiered Substation Physical Security programs, SCE will focus on completing the pre-CIP-014 pilot site enhancements in 2016. In 2017, SCE will complete the majority of Tier 1 (CIP-14) site enhancements, with completion of all remaining work in 2018. Beginning 2019, SCE will complete enhancements for Tier 2-4 sites. SCE used historical average costs from substation projects containing similar scope items as well as pilot site vendor quotes to develop the Tiered program forecast, inconsideration of each site's specific requirements. Total direct expenditures of \$18.617 million capture these program's costs in the Transmission Substation portion of the Tier Program between 2019 and 2020. \$17.908 million is the ISO related amount which is projected to go into rate based between 2019 and 2020.

28. Harry Allen – Eldorado 500 kV Transmission Line Project (PIN: 8088)

The CAISO proposed and approved an economic driven project known as the Harry Allen-Eldorado 500 kV Transmission Project (“HAETP”). The Project consists of approximately 59 miles of a new 500 kV transmission line between NV Energy’s Harry Allen 500 kV Substation and the jointly-owned Eldorado 500 kV Substation; both of these substations are located in southern Nevada. On January 11, 2016, the CAISO selected DesertLink, LLC, a wholly-owned subsidiary of LS Power Associates, L.P., as the approved project sponsor to finance, construct,

own, operate, and maintain the Harry Allen-Eldorado project. SCE's project scope includes installation of facilities for a new 500 kV switchrack position to terminate the Eldorado-Harry Allen 500 kV transmission line and also installation of a new 100 MVAR shunt line reactor and appurtenant equipment at Eldorado Substation. The proposed operational year for the Project is May 1, 2020, as required by the CAISO. An estimated ISO-related direct capital expenditures of \$14.967 million is projected to go into rate base in the period January 2019 through December 2020.

29. Bob Switch to Eldorado 220 kV Interconnection (PIN: 8090)

Valley Electric Association, Inc. ("VEA") requested interconnection of the Bob Switch to SCE-owned Eldorado 220 kV Switchyard inside the co-owned Eldorado Substation. VEA is in the midst of expanding its transmission system to enable them to move power between its customers, power producers, and the CAISO. On September 14, 2017, VEA sold its interest in the Bob Switch Station and the Bob Switch-Eldorado 220 kV Transmission Line to GridLiance West Transco LLC the Connecting Customer. The proposed operating date is July 2019 and estimated ISO-related direct capital expenditures that are projected to go into rate base during this period are \$7.985 million.

30. Moorpark-Pardee 230 kV No.4 Circuit (PIN: 8104)

This project addresses a generation capacity deficiency that can cause a voltage collapse in the Moorpark local capacity subarea. The project involves stringing a fourth Moorpark-Pardee 230 kV circuit approximately 26 miles on existing structures in SCE's transmission right-of-way. This includes installing terminal equipment at Moorpark and Pardee Substations and relocating existing circuit terminations in the 230 kV switchrack at Moorpark Substation. The projected operating date for the project is December 2020 with estimated ISO-related direct

capital expenditures of \$26.558 million in projected closing to plant in-service in the period January 2019 through December 2020.

For further details, please see the following work papers: “WP-Schedule 10-Summary of ISO Capital Expenditures – Incentive Projects”, “WP-Schedule 16-Summary of ISO Capital Expenditures - Non-Incentive Projects”, and “WP-Schedule 10 & 16.”

SCHEDULE 10 & 16 WORKPAPERS

Forecast Additions to Net Plant

Forecast Period Mon-Yr	Non-Incentive		Incentive		Total Non-Incentive and Incentive	
	Gross Additions	CWIP	Gross Additions	CWIP	Gross Additions	CWIP
Jan-19	27,406,506	6,281,866	141,555	-	27,548,061	6,281,866
Feb-19	19,094,602	1,744,489	6,841,512	6,354,081	25,936,114	8,098,569
Mar-19	18,674,634	1,470,853	498,892	-	19,173,526	1,470,853
Apr-19	20,729,972	1,877,034	479,465	-	21,209,437	1,877,034
May-19	32,523,584	13,728,302	754,022	-	33,277,607	13,728,302
Jun-19	30,666,619	2,918,529	1,797,384	691,910	32,464,003	3,610,439
Jul-19	35,741,902	12,397,414	168,232	-	35,910,134	12,397,414
Aug-19	30,006,660	10,120,582	632,199	173,868	30,638,859	10,294,450
Sep-19	21,400,438	3,889,803	776,893	156,282	22,177,331	4,046,086
Oct-19	27,382,610	8,635,814	598,232	-	27,980,842	8,635,814
Nov-19	39,542,018	18,831,619	696,462	212,599	40,238,480	19,044,218
Dec-19	66,660,503	31,777,619	8,311,542	5,614,082	74,972,045	37,391,700
Jan-20	54,610,956	5,430,333	80,529	-	54,691,485	5,430,333
Feb-20	15,671,748	-	80,529	-	15,752,277	-
Mar-20	15,671,748	-	140,529	-	15,812,277	-
Apr-20	25,099,027	49,379	230,529	-	25,329,556	49,379
May-20	39,310,880	2,622,463	230,529	-	39,541,409	2,622,463
Jun-20	25,576,993	200,067	80,529	-	25,657,522	200,067
Jul-20	15,671,748	-	80,529	-	15,752,277	-
Aug-20	24,810,169	1,489,047	80,529	-	24,890,698	1,489,047
Sep-20	15,671,748	-	90,529	-	15,762,277	-
Oct-20	16,819,480	39,909	90,529	-	16,910,009	39,909
Nov-20	16,411,134	1,347	190,529	-	16,601,663	1,347
Dec-20	180,054,737	95,073,799	43,140,404	16,523,166	223,195,142	111,596,965

Transmission High / Low Voltage Summary (\$000)

Month	High Voltage			Low Voltage Non-Incentive	Total Adds
	Incentive	Non-Incentive	Total		
Jan-19	142	27,102	27,244	304	27,548
Feb-19	6,983	45,893	52,876	608	53,484
Mar-19	7,482	64,263	71,745	912	72,658
Apr-19	7,961	84,689	92,651	1,216	93,867
May-19	8,715	116,909	125,624	1,520	127,145
Jun-19	10,513	147,271	157,784	1,825	159,609
Jul-19	10,681	182,709	193,390	2,129	195,519
Aug-19	11,313	212,412	223,725	2,433	226,158
Sep-19	12,090	233,508	245,598	2,737	248,335
Oct-19	12,688	260,587	273,275	3,041	276,316
Nov-19	13,385	299,825	313,209	3,345	316,554
Dec-19	21,696	366,181	387,877	3,649	391,526
Jan-20	21,777	420,561	442,338	3,880	446,218
Feb-20	21,857	436,002	457,859	4,111	461,970
Mar-20	21,998	451,443	473,441	4,342	477,782
Apr-20	22,229	476,311	498,540	4,572	503,112
May-20	22,459	515,391	537,850	4,803	542,653
Jun-20	22,540	540,645	563,184	5,127	568,311
Jul-20	22,620	556,086	578,706	5,358	584,063
Aug-20	22,701	574,210	596,910	12,044	608,954
Sep-20	22,791	589,651	612,442	12,274	624,716
Oct-20	22,882	605,091	627,973	13,653	641,626
Nov-20	23,072	621,272	644,344	13,884	658,228
Dec-20	66,213	801,096	867,308	14,115	881,423

Non-Incentive Plant Additions Forecast

First Forecast Month 1/1/2019

Blanket Forecast

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %
CET-ET-IR-CB-421100	Replace Bulk Power Circuit Breakers	4211	High	Blanket	TR-SUB	0.00%	100.0%
CET-ET-IR-CB-432900	Non-Bulk Circuit Breaker Replacement Program (115kV and 1	4329	Low	Blanket	TR-SUB	0.00%	100.0%
CET-PD-OT-SF-TROTRAN	Steel Stub Remediation (Trans)	4056	Low	Blanket	TR-LINE	0.00%	1.9%
CET-ET-IR-RP-434301	Non-Bulk Relay Replacement Program ("SRRP")	4343	Low	Blanket	TR-SUB	0.00%	100.0%
CET-ET-IR-RP-508900	Bulk Power 500kV & 220kV Line Relay Replacement	5089	High	Blanket	TR-SUB	0.00%	100.0%
CET-ET-IR-ME-475600	Substation Miscellaneous Equipment Additions & Betterment	4756	High	Blanket	TR-SUB	0.00%	100.0%
CET-ET-IR-TB-521001	Substation Transformer Bank Replacement Program (AA-Bar	5210	High	Blanket	TR-SUB	0.00%	100.0%
CET-PD-IR-TG-TRSIAC	Transmission Grid-Based Maintenance (Tower Corrosion)	3364	High	Blanket	TR-LINE	0.00%	29.6%
CET-ET-IR-ME-757301	Substation Fence/Gate (Cu Theft) (FERC)	7573	High	Blanket	TR-SUB	0.00%	100.0%
CET-PD-WM-TP-822400	Enhanced Overhead Inspections (EOI) & Remediations - Tran	8224	High	Blanket	TR-LINE	0.00%	26.6%
CET-PD-IR-TP-788800	Transmission Maintenance Planned	7888	High	Blanket	TR-LINE	0.00%	100.0%
CET-PD-OT-PJ-729801	Transmission Line Rating Remediation - Metro West, Highlan	7298	High	Blanket	TR-LINE	0.00%	100.0%
CET-PD-BM-SU-SUBSNW	Substation Unplanned Maintenance Replacements	3363	High	Blanket	TR-SUB	0.00%	9.1%
CET-PD-ST-SU-SUBSNW	Substation - Storm	3363	High	Blanket	TR-SUB	0.00%	22.9%
CET-PD-BM-TU-TRSIAC	Transmission Breakdown Maintenance Unplanned	3364	High	Blanket	TR-LINE	0.00%	39.1%
CET-PD-IR-TR-TRMETWT	Transmission Deteriorated Pole Rept & Restoration	3364	Low	Blanket	TR-LINE	0.00%	1.9%
CET-PD-IR-PT-TRMETWT	Pole Loading Transmission Pole Replacements	3364	Low	Blanket	TR-LINE	0.00%	1.9%
CET-PD-IC-CL-CRINSP	Critical Infrastructure Spare - FERC Spare Transformer Equip	3362	High	Blanket	TR-SUB	0.00%	100.0%
CET-PD-CL-SC-SUBSNW	Substation Claim	3367	High	Blanket	TR-SUB	50.00%	8.2%
CET-PD-CL-TC-TREAST	Transmission Claim	3367	High	Blanket	TR-LINE	50.00%	9.1%
CET-PD-ST-TS-TREAST	Transmission Storm	3367	High	Blanket	TR-LINE	0.00%	32.5%
COS-00-CS-CS-782000	NERC CIP-14 Physical Security Enhancements	7820	High	Blanket	TR-SUB	0.00%	78.8%
COS-00-SP-TD-000000	Seismic Program - Trans Subs (FERC)	7392	High	Blanket	TR-SUB	0.00%	63.8%
COS-00-SP-TD-000002	Seismic Program - Trans Lines	7392	High	Blanket	TR-LINE	0.00%	100.0%
COS-00-RE-MA-NE7637	Substation Facility Capital Maintenance	7637	High	Blanket	TR-SUB	0.00%	33.5%
COS-00-CS-CS-745400	Physical Security Systems - Electric Facilities	7454	High	Blanket	TR-SUB	0.00%	58.0%
CET-OT-OT-ME-465100	Palo Verde 500 kV Switch Yard Disconnect Switch Repl	4651	High	Blanket	TR-SUB	0.00%	100.0%
CET-OT-OT-ME-313800	LADWP/Sylmar: Misc Capital	3138	High	Blanket	TR-SUB	0.00%	100.0%
CET-ET-GA-EM-644603	Devers: install necessary phasor measurement	6446	High	Blanket	TR-SUB	0.00%	100.0%
CET-ET-GA-EM-644610	Vestal: install necessary phasor measurement	6446	High	Blanket	TR-SUB	0.00%	80.0%
Total Blankets							

Total Incremental Blankets Plant Balance

Non-Incentive Specifics Forecast

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %
CET-OT-OT-ME-313802	LADWP DC electrode replacement (LAND Segment)	3138	High	11/1/2018	TR-LINE	0.00%	100.0%
CET-OT-OT-ME-313802	LADWP DC electrode replacement (OCEAN Segment)	3138	High	12/1/2019	TR-LINE	0.00%	100.0%
CET-OT-OT-ME-313803	LADWP AC/DC Filter Replacement	3138	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RN-775602	Whirlwind Substation (NU): Equip one (1) 220 kV position to termi	7756	High	11/1/2018	TR-SUB	0.00%	100.0%
CET-ET-TP-RN-777500	Whirlwind Substation (NU): Equip one (1) 220 kV position to t	7775	High	7/1/2018	TR-SUB	0.00%	100.0%
CET-ET-AP-CF-809000	Bob Switch - Eldorado T/L: Install one transmission structure	8090	High	7/1/2019	TR-LINE	0.00%	100.0%
CET-ET-LG-AF-809000	Eldorado Substation (NU): install the following equipment or	8090	High	6/1/2019	TR-SUB	0.00%	100.0%
CET-ET-LG-TS-538303	Chino 220/66kV - Add a 4th 280MVA, 220/66kV Transformer	5383	High	10/1/2019	TR-SUB	0.00%	35.0%
CET-ET-LG-TS-682400	La Fresia Sub (Phase 2): Install new MEER and cut over existin	6824	High	11/1/2019	TR-SUB	0.00%	37.0%
CET-ET-LG-TS-711300	El Nido: Install 230 kV (T-3) double breakers on No. 1 bar	7113	High	6/1/2018	TR-SUB	0.00%	100.0%
CET-ET-LG-TS-783400	Bailey Sub: Install a 2.8.8 MVAR Cap	7834	Low	6/1/2018	TR-SUB	0.00%	100.0%
CET-ET-TP-RU-711200	Devers: Equip the 230 kV A-Bank positions (3 & 4) with circu	7112	High	12/1/2018	TR-SUB	0.00%	100.0%
CET-ET-TP-RU-751800	Springville Sub: Redesign high side feed from bank on bus to	7518	High	8/1/2019	TR-SUB	0.00%	80.0%
CET-ET-TP-RU-711900	Walnut: Convert the Mesa 220 kV Line Position and 3A & 4A	7119	High	5/1/2019	TR-SUB	0.00%	41.0%
CET-ET-TP-RL-779000	Eagle Mountain Substation: Install a 45 MVAR tertiary reacto	7790	High	12/1/2018	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-754700	Eldorado: Engineer, remove and install equipment for chang	7547	High	6/1/2018	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-754701	Eldorado-Mohave 500kV: Remove two (2) existing transmiss	7547	High	6/1/2018	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-754702	Eldorado-Moenkoppi 500 kV: Remove one (1) existing transm	7547	High	6/1/2018	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-772700	Inyokern Substation: Expand existing MEER at Inyokern Subs	7727	Low	8/1/2020	TR-SUB	0.00%	37.0%
CET-ET-TP-RL-772701	Control Substation: Install 12 (12) N60 relays, one (1) satellite	7727	Low	10/1/2020	TR-SUB	0.00%	86.0%
CET-ET-TP-RL-772704	Kramer Substation: Install six (6) N60 relays and one (1) satell	7727	High	12/1/2020	TR-SUB	0.00%	78.0%
CET-ET-TP-RN-776301	Lugo 500/220 kV (T) Install two (2) N60 relays Install one (1) t	7763	High	8/1/2016	TR-SUB	0.00%	100.0%
CET-ET-TP-RN-776304	Eldorado-Lugo 500 kV line: CA side - Install 85 miles of new O	7763	High	10/1/2019	TR-LINE	0.00%	100.0%
CET-ET-TP-RN-776305	Eldorado-Lugo 500 kV line: NV Side -Install 2 miles of new OP	7763	High	12/1/2019	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-776300	Pisgah Sub: Install new telecommunication room.	7763	High	12/1/2018	TR-SUB	0.00%	100.0%
CET-ET-TP-RN-776302	Mohave: Install(2)Relays and (2) Switches	7763	High	10/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RN-776307	Lugo Sub: Install new control cables	7763	High	12/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-764500	Loop Kramer-Lugo 230 kV #1 & #2 lines into Victor substatio	7645	High	11/1/2017	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-780600	CFF-Kramer Substation: Install two (2) t	7806	High	12/1/2017	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-712000	Chino Sub: equip the No.1A 220kV A-Bank positions with circ	7120	High	12/1/2020	TR-SUB	0.00%	65.0%
CET-ET-TP-RL-712002	Mira Loma Sub: Upgrade 220kV line prot	7120	High	2/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-712003	Serrano Sub: Upgrade protection	7120	High	8/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-788402	Tap the remaing Lighthipe 220kv line to Harbogenous substatio	7884	High	11/1/2019	TR-LINE	0.00%	100.0%

2018 CWIP	2019 Total Expenditures	2020 Total Expenditures	2019 ISO		2020 ISO	
			2018 ISO CWIP	Expenditures Less Collectible	COR/Collectible	Expenditures Less Collectible
0	134.1	-	0.0	134.1	-	-
23,349	9,291.4	-	23,349.5	9,291.4	-	-
60,092	19,345.9	13,882.6	60,092.4	19,345.9	13,882.6	-
26	42.2	-	26.5	42.2	-	-
85	5.3	-	84.6	5.3	-	-
315	1,832.0	-	315.2	1,832.0	-	-
603	5,385.0	-	602.5	5,385.0	-	-
4,663	2,438.9	563.0	1,632.0	853.6	197.0	-
42,252	3,055.5	-	15,633.2	1,130.5	-	-
171	10.3	-	170.7	10.3	-	-
0	0.3	-	0.0	0.3	-	-
73	12.4	-	72.7	12.4	-	-
9,669	1,901.6	-	7,735.5	1,521.3	-	-
14,055	1,278.0	-	5,762.4	524.0	-	-
129	24.5	-	128.6	24.5	-	-
498	26.0	-	497.7	26.0	-	-
8,578	37.0	-	8,578.2	37.0	-	-
5,036	37.0	-	5,036.1	37.0	-	-
9	1,103.0	1,665.0	3.3	408.1	616.1	-
46	358.2	930.0	39.9	308.0	799.8	-
14	88.5	350.9	11.2	69.0	273.7	-
(0)	0.5	-	(0.0)	0.5	-	-
5,370	181.0	6,600.0	5,370.0	181.0	6,600.0	-
606	13.0	40.0	605.6	13.0	40.0	-
214	1.0	-	213.7	1.0	-	-
163	20.0	130.0	162.9	20.0	130.0	-
24	30.0	60.0	23.8	30.0	60.0	-
0	4.2	-	0.0	4.2	-	-
47	3.1	-	46.9	3.1	-	-
44,885	1,524.3	3,546.9	29,175.5	990.8	2,305.5	-
274	146.3	-	273.6	146.3	-	-
319	61.0	-	318.5	61.0	-	-
625	34.8	32.3	624.7	34.8	32.3	-

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WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	2019 ISO		2020 ISO			
								2018 CWIP	2019 Total Expenditures	2020 Total Expenditures	2018 ISO CWIP Less Collectible	Expenditures Less COR/Collectible	2019 ISO CWIP Less Collectible
CET-ET-TP-RL-788400	Harbogen-Lng Bch 220kV:Rmv 1 mile of lne	7884	High	1/1/2019	TR-LINE	0.00%	100.0%	2,165	877.6	299.8	2,164.5	877.6	299.8
CET-ET-TP-RL-788401	Lighthipe-Lng Bch 220kV:Rmv 1 mile of lne	7884	High	1/1/2019	TR-LINE	0.00%	100.0%	2,647	3,043.3	13,345.3	2,646.5	3,043.3	13,345.3
CET-ET-TP-RL-788403	Long Beach Sub: Remove 220kV switchyard	7884	High	9/1/2019	TR-SUB	0.00%	100.0%	2,406	283.2	201.1	2,405.6	283.2	201.1
CET-ET-TP-RL-801900	CONTROL-SILVER PEAK "A" 55KV PIN 801900	8019	Low	10/1/2018	TR-LINE	0.00%	100.0%	237	151.0	-	237.0	151.0	-
CET-ET-TP-RL-801902	CONTROL-SILVER PEAK "C" 55KV PIN 801902	8019	Low	10/1/2018	TR-LINE	0.00%	100.0%	151	0.7	-	151.1	0.7	-
CET-ET-TP-RL-679100	i:Lugo: Inst 500kV double breakers on No	6791	High	7/1/2019	TR-SUB	0.00%	100.0%	10,181	50.0	100.0	10,180.9	50.0	100.0
CET-ET-TP-RL-711500	Johanna:Install double breakers on 3A+4A	7115	High	5/1/2020	TR-SUB	0.00%	82.0%	2,499	242.7	1,570.7	2,049.0	199.1	1,287.9
CET-ET-TP-RL-711600	CFF=Villa Park: Equip the existing No. 2	7116	High	5/1/2016	TR-SUB	0.00%	100.0%	127	4.3	-	126.5	4.3	-
CET-ET-TP-RL-724100	Eldorado: Install (2) 500 kV Cbs, (3) 50	7241	High	6/1/2016	TR-SUB	0.00%	100.0%	270	3.5	-	269.9	3.5	-
CET-ET-TP-RN-724800	CFF=El dorado Sub: The following needs t	7248	High	10/1/2015	TR-SUB	0.00%	100.0%	164	25.0	-	164.5	25.0	-
CET-PD-OT-LM-751101	TRTP 1: Antelope-Pardee 500kV: Install Marker Balls/Lighting	7511	High	12/1/2019	TR-LINE	0.00%	100.0%	3,806	-0.2	-	3,805.9	(0.2)	-
CET-ET-IR-ME-782001	Mira Loma: NERC CIP-14 Physical Security Enhancements	7820	High	12/1/2018	TR-SUB	0.00%	85.1%	1,064	732.5	465.5	906.0	623.5	396.3
CET-ET-IR-ME-782002	Pardee: NERC CIP-14 Physical Security Enhancements	7820	High	12/1/2018	TR-SUB	0.00%	87.1%	68	139.4	465.5	59.6	121.4	405.4
CET-ET-IR-ME-782005	Vincent: NERC CIP-14 Physical Security Enhancements	7820	High	1/1/2020	TR-SUB	0.00%	100.0%	4,678	13,595.3	2,642.2	4,678.1	13,595.3	2,642.2
CET-ET-IR-ME-782008	Eldorado: NERC CIP-14 Physical Security Enhancements	7820	High	1/1/2020	TR-SUB	0.00%	100.0%	636	11,463.2	5,778.3	635.8	11,463.2	5,778.3
CET-ET-IR-ME-782009	Lugo: PHY-Physical Security Project	7820	High	4/1/2018	TR-SUB	0.00%	100.0%	880	569.8	152.3	880.0	569.8	152.3
COS-OO-RE-AD-SR0004	Devers: Substation Maintenance and Test Building Improvem	7957	High	7/1/2019	TR-SUB	0.00%	84.0%	434	3,823.5	-	364.4	3,209.9	-
COS-OO-RE-AD-SR0006	Rector: Substation Maintenance and Test Building Improvem	7959	High	6/1/2019	TR-SUB	0.00%	53.4%	763	8,860.8	1,000.4	407.4	4,733.8	534.4
CET-ET-LG-AF-808800	Eldorado: Install facil. for switchtrack	8088	High	5/1/2020	TR-SUB	0.00%	100.0%	375	2,500.0	11,884.0	375.4	2,500.0	11,884.0
CET-ET-FAF-CF-808800	Eldorado-Harry Allen (Cost):Inst 1 span	8088	High	5/1/2020	TR-SUB	0.00%	100.0%	132	75.0	115.0	132.0	75.0	115.0
CET-ET-TP-RN-642007	Devers Sub: Remove 220 kV Cbs and DSS	6420	High	1/1/2020	TR-SUB	0.00%	100.0%	116	0.0	30.0	116.4	-	30.0
CET-ET-TP-RN-642011	Vista Sub: Remove 220 kV Dss	6420	High	12/1/2019	TR-SUB	0.00%	100.0%	55	30.0	30.0	54.6	30.0	30.0
CET-ET-TP-RN-642018	Westco Devers: 220 kV Trans Line Removals	6420	High	12/1/2019	TR-LINE	0.00%	100.0%	1,960	6,500.0	4,000.0	1,959.9	6,500.0	4,000.0
CET-ET-TP-WC-722702	Inyo Substation: Replace Inyo phase shifter and new hybrid c	7227	Low	8/1/2020	TR-SUB	0.00%	100.0%	67	598.7	4,762.5	66.6	598.7	4,762.5
CET-ET-TP-RN-722700	Control: Install two (2) N60 relays	7227	Low	6/1/2020	TR-SUB	0.00%	100.0%	-	22.7	69.8	-	22.7	69.8
CET-ET-TP-RN-695703	Coolwater 220/115 kVA: 220 kV Switchtrack, -1 L90, -1 SLE31	6957	High	12/1/2020	TR-SUB	0.00%	100.0%	-	0.0	4,183.0	-	-	4,183.0
CET-ET-TP-WC-810701	Kramer Substation (RNU): #. Engineer and construct one (1):	8107	High	8/1/2020	TR-SUB	0.00%	100.0%	15	0.3	669.8	15.2	0.3	669.8
CET-ET-TP-RN-809100	Big Creek 4: Install two new N60 relays	8091	High	12/1/2019	TR-SUB	0.00%	100.0%	140	314.4	-	139.6	314.4	-
CET-ET-TP-RL-755507	Mira Loma-Vincent 500 kV new dbl circuit	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	1,255	29.1	908.6	1,254.5	29.1	908.6
CET-ET-TP-RN-755537	Eagle Rock-Mesa 220kV: Remove 2100 ckt ftbf conductor	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	888	645.0	-	888.0	645.0	-
CET-ET-TP-RL-755546	Lighthipe-Mesa: Remove 8 strcts+nd	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	977	334.4	-	976.5	334.4	-
CET-ET-TP-RL-755548	Mesa-Rio Hondo 220kV: Remove 48structures and 2700 ckt ft	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	1	0.0	616.5	0.8	(0.0)	616.5
CET-ET-TP-RL-755552	Mesa-Vincent #1 220kV: Remove 38structures, 2 shodfy ESPs,	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	325	284.7	-	325.1	284.7	-
CET-ET-TP-RL-755554	Mesa-Vincent #2 220kV: Remove 38structures and 2000 ckt ft	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	749	23.3	-	748.8	23.3	-
CET-ET-TP-RL-755558	Redondo-Vincent 220kV: Remove 1500 ckt ftbf shodfy cond	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	179	2.9	-	178.8	2.9	-
CET-ET-TP-RN-755535	Center-Mesa 220kV: Remove 4 structures& 2800 ckt ft of c	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	-	0.0	599.9	-	-	599.9
CET-ET-TP-RL-755538	Goodrich-Laguna Bell 220kV: Remove 28structures, remove 1!	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	823	38.1	-	822.5	38.1	-
CET-ET-TP-RN-755543	Laguna Bell-Rio Hondo 220kV: Remove 28structures, remove :	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	181	2.7	-	181.5	2.7	-
CET-ET-TP-RN-776300	Eldorado Sub: Instal	7763	High	12/1/2019	TR-SUB	0.00%	100.0%	109	0.5	-	109.1	0.5	-
CET-ET-TP-RN-776308	Eldorado: Instl equipment to support N-2	7763	High	12/1/2019	TR-SUB	0.00%	100.0%	21	0.0	12.0	20.8	-	12.0
CET-ET-TP-RN-786601	Magnuden Substation: Upgrade (6) 1200amp disconnects to matc	7866	High	7/1/2019	TR-SUB	0.00%	100.0%	47	1,048.7	-	46.9	1,048.7	-
CET-ET-TP-RN-786602	Vestal Substation: Upgrade (6) 1200amp disconnects to matc	7866	High	4/1/2019	TR-SUB	0.00%	100.0%	406	1,649.2	-	406.2	1,649.2	-
CET-ET-TP-WC-790301	Lugo Substation: Expand High Desert Power Plant (HDPP) Sp	7903	High	6/1/2020	TR-SUB	0.00%	100.0%	-	10.4	262.2	-	10.4	262.2
CET-ET-TP-WC-790301	Victor Substation: Expand High Desert Power Plant (HDPP) Sp	7903	High	6/1/2020	TR-SUB	0.00%	100.0%	-	10.4	262.2	-	10.4	262.2
CET-ET-GA-CR-766600	Colorado River Sub: C-RAS Project Phase 1	7666	High	5/1/2019	TR-SUB	0.00%	100.0%	2,638	706.4	-	2,638.3	706.4	-
CET-ET-GA-CR-766601	Devers Sub: C-RAS Project Phase 1	7666	High	5/1/2019	TR-SUB	0.00%	100.0%	1,409	221.2	-	1,409.3	221.2	-
CET-ET-TP-RL-802900	Lugo Substation:Replace (3) 500kV Cbs (CB#762, 862, 962), (t	8029	High	5/1/2020	TR-SUB	0.00%	100.0%	32	100.0	2,995.0	32.3	100.0	2,995.0
CET-ET-TP-RL-802901	Lugo-Victorville 500kV Transmission Line (SCE-owned):Fix the	8029	High	12/1/2019	TR-LINE	0.00%	100.0%	238	1,500.0	-	237.9	1,500.0	-
CET-ET-TP-WC-807802	Antelope (RNU): Install (2) N60 relays	8078	High	11/1/2019	TR-SUB	0.00%	100.0%	21	21.7	23.6	21.5	21.7	23.6
CET-ET-TP-WC-807803	Antelope Sub (RNU) : Power System Control. B expand existi	8078	High	9/1/2019	TR-SUB	0.00%	100.0%	13	23.7	23.6	13.4	23.7	23.6
CET-ET-TP-RN-808100	Colorado River Sub (RNU): Install one (1) 220kV line position	8081	High	5/1/2020	TR-SUB	0.00%	100.0%	34	951.3	909.4	33.7	951.3	909.4
CET-ET-TP-RN-808101	Colorado River Sub (RNU) : Install two (2) GE NGO logic proce	8081	High	12/1/2020	TR-SUB	0.00%	100.0%	0	28.4	114.2	0.3	28.4	114.2
CET-ET-TP-RN-808102	Colorado River (RNU) - ground grid study for interconnection	8081	High	12/1/2020	TR-SUB	0.00%	100.0%	-	0.0	41.3	-	-	41.3
CET-ET-TP-RL-810400	Moorpark 220 kV Switchrack: Relocate the Ormond Beach N	8104	High	11/1/2020	TR-SUB	0.00%	23.0%	6	2,532.9	676.0	1.3	582.6	155.5
CET-ET-TP-RL-810401	Pardee 230 kV : Equip vacant position 1&6 with two (2) Cbs ri	8104	High	12/1/2020	TR-SUB	0.00%	100.0%	0	1,960.4	299.5	0.0	1,960.4	299.5
CET-ET-TP-RL-810402	New Moorpark-Pardee #4 230 kV line: String roughly 25.5 m	8104	High	12/1/2020	TR-LINE	0.00%	100.0%	195	8,200.3	12,294.2	195.0	8,200.3	12,294.2

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	I50 %
CET-ET-TP-RL-810403	Moorpark-Santa Clara #2: String 2B-1590 one mile section or	8104	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-810404	Moorpark-Ormond Beach No. 3	8104	High	10/1/2019	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-810405	Moorpark-Ormond Beach No. 4	8104	High	4/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-810403	Moorpark-Santa Clara No. 1	8104	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-810404	Moorpark-Pardee No. 1	8104	High	10/1/2019	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-810405	Santa Clara: Replace line relays Santa Clara Substation Replac	8104	High	4/1/2020	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-810402	Environmental for Moorpark-Pardee	8104	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RN-813901	Colorado River Sub (RN1):3. Engineer and construct one (1) :	8139	High	6/1/2020	TR-SUB	0.00%	100.0%
CET-ET-TP-RN-813902	Colorado River Sub (RN1): Install two (2) GE N60 logic proce	8139	High	6/1/2020	TR-SUB	0.00%	100.0%
CET-ET-IR-ME-804207	Serrano 500/220 (T) Perimeter Security Upgrade	8042	High	4/1/2020	TR-SUB	0.00%	100.0%
CET-ET-IR-ME-804200	Devers Physical Security Tier 2	8042	High	6/1/2020	TR-SUB	0.00%	84.0%
CET-ET-IR-ME-804201	Antelope Physical Security Tier 2	8042	High	4/1/2020	TR-SUB	0.00%	100.0%
CET-ET-IR-ME-804202	Rancho Vista Physical Security Tier 2	8042	High	6/1/2020	TR-SUB	0.00%	100.0%
CET-ET-IR-ME-804203	Whirlwind Physical Security Tier 2	8042	High	6/1/2020	TR-SUB	0.00%	100.0%
CET-ET-IR-ME-804204	Windhub Physical Security Tier 2	8042	High	4/1/2020	TR-SUB	0.00%	88.9%
CET-ET-IR-ME-804205	Vista Physical Security Tier 3	8042	High	7/1/2019	TR-SUB	0.00%	20.9%
CET-ET-IR-ME-804206	Moorpark Physical Security Tier 3	8042	High	12/1/2019	TR-SUB	0.00%	13.7%
CET-ET-TP-RN-705900	Red Bluff Substation (NU): Install a Breaker-and-a-Half Config	7059	High	8/1/2020	TR-SUB	0.00%	100.0%
CET-ET-GA-CR-766602	Red Bluff Sub: C-RAS Project Phase 1	7666	High	5/1/2019	TR-SUB	0.00%	100.0%
CET-ET-GA-CR-800900	Antelope -Install relays, CRAS, SEL-2407	8009	High	8/1/2019	TR-SUB	0.00%	100.0%
CET-ET-GA-CR-800901	Vincent-Install relays, CRAS, SEL-2407	8009	High	6/1/2019	TR-SUB	0.00%	100.0%
CET-ET-GA-CR-800902	Whirlwind-Install relays, CRAS, SEL-2407	8009	High	11/1/2019	TR-SUB	0.00%	100.0%
Total Specifics							

Total Incremental Non-Incentive Specifics Plant Balance

2018 CWIP	2019 Total Expenditures	2020 Total Expenditures	2019 ISO		2020 ISO	
			2018 CWIP Less Collectible	Expenditures Less COR/Collectible	2018 ISO Less Collectible	Expenditures Less COR/Collectible
3	403.0	551.1	2.6	403.0	551.1	
-	195.5	-	-	195.5	-	
-	195.5	-	-	195.5	-	
-	0.0	200.5	-	-	200.5	
-	292.9	57.0	-	292.9	57.0	
-	100.7	216.1	-	100.7	216.1	
-	348.6	328.8	-	348.6	328.8	
76	25.0	66.0	76.2	25.0	66.0	
0	1.1	68.0	0.4	1.1	68.0	
-	148.5	356.0	-	148.5	356.0	
109	242.6	940.5	91.8	203.6	789.5	
35	147.3	4,613.3	34.8	147.3	4,613.3	
13	143.0	3,733.0	13.1	143.0	3,733.0	
19	143.0	3,895.4	18.6	143.0	3,895.4	
16	143.0	3,906.7	14.5	127.1	3,473.3	
92	0.8	-	19.2	0.2	-	
0	0.1	-	0.0	0.0	-	
1,404	193.9	400.0	1,403.9	193.9	400.0	
2,447	139.9	-	2,447.3	139.9	-	
596	1,100.0	-	595.7	1,100.0	-	
438	425.6	-	437.8	425.6	-	
1,081	2,319.6	342.5	1,081.4	2,319.6	342.5	
275,319.7	129,371.1	119,278.8	218,580.3	116,511.3	114,432.2	

Total Incremental Non-Incentive Specifics Plant Balance

Total Incremental Non-Incentive Plant Balance

Total Incremental Non-Incentive Plant Balance

Non-Incentive Plant Additions Forecast

First Forecast Month 1/1/2019

Blanket Forecast

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %
CET-ET-IR-CB-421100	Replace Bulk Power Circuit Breakers	4211	High	Blanket	TR-SUB	0.00%	100.0%
CET-ET-IR-CB-432900	Non-Bulk Circuit Breaker Replacement Program (115kV and E	4329	Low	Blanket	TR-SUB	0.00%	100.0%
CET-PD-OT-SF-TROTRAN	Steel Stub Remediation (Trans)	4056	Low	Blanket	TR-LINE	0.00%	1.9%
CET-ET-IR-RP-434301	Non-Bulk Relay Replacement Program ("SRRP")	4343	Low	Blanket	TR-SUB	0.00%	100.0%
CET-ET-IR-RP-508900	Bulk Power 500KV & 220KV Line Relay Replacement	5089	High	Blanket	TR-SUB	0.00%	100.0%
CET-ET-IR-ME-475600	Substation Miscellaneous Equipment Additions & Betterments	4756	High	Blanket	TR-SUB	0.00%	100.0%
CET-ET-IR-TB-521001	Substation Transformer Bank Replacement Program (AA-Bar	5210	High	Blanket	TR-SUB	0.00%	100.0%
CET-PD-TR-TG-TRSJAC	Transmission Grid-Based Maintenance (Tower Corrosion)	3364	High	Blanket	TR-LINE	0.00%	29.6%
CET-ET-IR-ME-757301	Substation Fence/Gate (Cu Theft) (FERC)	7573	High	Blanket	TR-SUB	0.00%	100.0%
CET-PD-WM-TP-822400	Enhanced Overhead Inspections (EOI) & Remediations - Tran	8224	High	Blanket	TR-LINE	0.00%	26.6%
CET-PD-TR-TP-788800	Transmission Maintenance Planned	7888	High	Blanket	TR-LINE	0.00%	100.0%
CET-PD-OT-PI-729801	Transmission Line Rating Remediation - Metro West, Highlan	7298	High	Blanket	TR-LINE	0.00%	100.0%
CET-PD-BM-SU-SUBSNW	Substation Unplanned Maintenance Replacements	3363	High	Blanket	TR-SUB	0.00%	9.1%
CET-PD-ST-S5-SUBSNW	Substation - Storm	3363	High	Blanket	TR-SUB	0.00%	22.9%
CET-PD-BM-TU-TRSJAC	Transmission Breakdown Maintenance Unplanned	3364	High	Blanket	TR-LINE	0.00%	39.1%
CET-PD-IR-TR-TRMETTW	Transmission Deteriorated Pole Repl & Restoration	3364	Low	Blanket	TR-LINE	0.00%	1.5%
CET-PD-IR-PT-TRMETTW	Pole Loading Transmission Pole Replacements	3364	Low	Blanket	TR-LINE	0.00%	1.9%
CET-PD-CI-CL-GRINSP	Critical Infrastructure Spare - FERC Spare Transformer Equip	3362	High	Blanket	TR-SUB	0.00%	100.0%
CET-PD-CL-LSC-SUBSNW	Substation Claim	3367	High	Blanket	TR-SUB	50.00%	8.2%
CET-CL-CL-TCT-TREAST	Transmission Claim	3367	High	Blanket	TR-LINE	50.00%	9.1%
CET-PD-ST-TS-TREAST	Transmission Storm	3367	High	Blanket	TR-LINE	0.00%	32.5%
COS-00-CS-CS-782000	NERC CIP-14 Physical Security Enhancements	7820	High	Blanket	TR-SUB	0.00%	78.8%
COS-00-SP-TD-000000	Seismic Program - Trans Subs (FERC)	7392	High	Blanket	TR-SUB	0.00%	63.8%
COS-00-SP-TD-000002	Seismic Program - Trans Lines	7392	High	Blanket	TR-LINE	0.00%	100.0%
COS-00-RE-MA-NE7637	Substation Facility Capital Maintenance	7637	High	Blanket	TR-SUB	0.00%	33.5%
COS-00-CS-CS-745400	Physical Security Systems - Electric Facilities	7454	High	Blanket	TR-SUB	0.00%	58.0%
CET-OT-OT-ME-465100	Palo Verde 500 KV Switch Yard Disconnect Switch Repl	4651	High	Blanket	TR-SUB	0.00%	100.0%
CET-OT-OT-ME-313800	LADWP/Symtar: Miss Capital	3138	High	Blanket	TR-SUB	0.00%	100.0%
CET-ET-GA-EM-644603	Devers: install necessary phasor measurement	6446	High	Blanket	TR-SUB	0.00%	100.0%
CET-ET-GA-EM-644610	Vestal: install necessary phasor measurement	6446	High	Blanket	TR-SUB	0.00%	80.0%

Non-Incentive Specific Forecast

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %
CET-OT-OT-ME-313802	LADWP DC electrode replacement (LAND Segment)	3138	High	11/1/2018	TR-LINE	0.00%	100.0%
CET-OT-OT-ME-313802	LADWP DC electrode replacement (OCEAN Segment)	3138	High	12/1/2019	TR-LINE	0.00%	100.0%
CET-OT-OT-ME-313803	LADWP AC/DC Filter Replacement	3138	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-TRN-775602	Whirlwind Substation (POS): Equip one (1) 220 KV position to termi	7756	High	11/1/2018	TR-SUB	0.00%	100.0%
CET-ET-TP-TRN-777500	Whirlwind Substation (NU): Equip one (1) 220 KV position to t	7775	High	7/1/2018	TR-SUB	0.00%	100.0%
CET-ET-TP-CF-809000	Bob Supply - Eldorado T/J: Install one transmission structure	8090	High	7/1/2019	TR-LINE	0.00%	100.0%
CET-ET-LG-AP-809000	Eldorado Substation (NU): install the following equipment or	8090	High	6/1/2019	TR-SUB	0.00%	100.0%
CET-ET-LG-TS-538303	Chino 220/66kV - Add a 4th 280MVA, 220/66kV Transformer	5383	High	10/1/2019	TR-SUB	0.00%	35.0%
CET-ET-LG-TS-682400	La Fresia Sub (Phase 2): Install new MEER and cut over existin	6824	High	11/1/2019	TR-SUB	0.00%	37.0%
CET-ET-LG-TS-711300	El Nido: Install 230 kV (61 kA) double breakers on No. 1 bar	7113	High	6/1/2018	TR-SUB	0.00%	100.0%
CET-ET-LG-TS-738400	Bailey Sub: Install a 28.8 MVAR Cap	7834	Low	6/1/2018	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-711200	Devers: Equip the 230 KV A-Bank positions (3 & 4) with circu	7112	High	12/1/2018	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-751800	Springville Sub: Redesign high side feed from bank to bus	7518	High	8/1/2019	TR-SUB	0.00%	80.0%
CET-ET-TP-RL-711900	Walnut: Convert the Mesa 220 KV Line Position and 3A & 4A	7119	High	5/1/2019	TR-SUB	0.00%	41.0%
CET-ET-TP-RL-779000	Eagle Mountain Substation: Install a 45 MVAR tertiary reactor	7790	High	12/1/2018	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-754700	Eldorado: Engineer, remove and install equipment for chang	7547	High	6/1/2018	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-754701	Eldorado-Mohave 500KV: Remove two (2) existing transmiss	7547	High	6/1/2018	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-754702	Eldorado-Moenkopi 500 KV: Remove one (1) existing transm	7547	High	6/1/2018	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-772700	Inyokern Substation: Expand existing MEER at Inyokern Sub	7727	Low	8/1/2020	TR-SUB	0.00%	37.0%
CET-ET-TP-RL-772701	Control Substation: Install 12 (12) N60 relays, one (1) satellite	7727	Low	10/1/2020	TR-SUB	0.00%	86.0%
CET-ET-TP-RL-772704	Kramer Substation Installation six (6) N60 relays and one (1) satell	7727	High	12/1/2020	TR-SUB	0.00%	78.0%
CET-ET-TP-TRN-776301	Lugo 500/220 KV (T) Install two (2) N60 relays install one (1) e	7763	High	8/1/2016	TR-SUB	0.00%	100.0%
CET-ET-TP-TRN-776304	Eldorado-Lugo 500 KV line: CA side - Install 85 miles of new C	7763	High	10/1/2019	TR-LINE	0.00%	100.0%
CET-ET-TP-TRN-776305	Eldorado-Lugo 500 KV line: NV Side- Install 2 miles of new OP	7763	High	12/1/2019	TR-LINE	0.00%	100.0%
CET-ET-TP-TRN-776300	Pisgah Sub: Install new telecommunication room.	7763	High	12/1/2018	TR-SUB	0.00%	100.0%
CET-ET-TP-TRN-776302	Mohave: Install(2)Relays and (2) Switches	7763	High	10/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-TRN-776307	Lugo Sub: Install new control cables	7763	High	12/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-764500	Loop Kramer-Lugo 230 KV #1 & #2 lines into Victor substation	7645	High	11/1/2017	TR-LINE	0.00%	100.0%
CET-ET-TP-TRL-780600	CFF-Kramer Substation: Install two (2) t	7806	High	12/1/2017	TR-SUB	0.00%	100.0%
CET-ET-TP-TRL-712000	Chino Sub: equip the No.1A 220KV A-Bank positions with circ	7120	High	12/1/2020	TR-SUB	0.00%	65.0%
CET-ET-TP-TRL-712002	Mira Loma Sub: Upgrade 220kV line prot	7120	High	2/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-TRL-712003	Serrano Sub: Upgrade protection	7120	High	8/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-TRL-788402	Tap the remaining Lighttipe 220kV line to Harborgen substatio	7884	High	11/1/2019	TR-LINE	0.00%	100.0%

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %
CET-ET-TP-RL-778400	Harbogen-Lng Bch 220kV/Rmv 1 mile of lne	7884	High	1/1/2019	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-778401	Lighthpe-Lng Bch 220kV/Rmv 1 mile of lne	7884	High	1/1/2019	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-778403	Long Beach Sub: Remove 220kV switchyard	7884	High	9/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-801900	CONTROL-SILVER PEAK "A" 55KV PIN 801900	8019	Low	10/1/2018	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-801902	CONTROL-SILVER PEAK "C" 55KV PIN 801902	8019	Low	10/1/2018	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-679190	I:Lugo: Inst 500kV double breakers on No	6791	High	7/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-711500	Johanna:Install double breakers on 3A+4A	7115	High	5/1/2020	TR-SUB	0.00%	82.0%
CET-ET-TP-RL-711600	CFF-Villa Park: Equip the existing No. 2	7116	High	5/1/2016	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-724100	Eldorado: Install (2) 500 kVbbs, (3) 50	7241	High	6/1/2016	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-724800	CFF-Eldorado Sub: The following needs t	7248	High	10/1/2015	TR-SUB	0.00%	100.0%
CET-PD-OT-LM-751101	TRTP 1: Antelope-Parde: 500kV: Install Marker Balls/Lighting	7511	High	12/1/2019	TR-LINE	0.00%	100.0%
CET-ET-IR-ME-782001	Mira Loma : NERC CIP-14 Physical Security Enhancements	7820	High	12/1/2018	TR-SUB	0.00%	85.1%
CET-ET-IR-ME-782002	Pardee: NERC CIP-14 Physical Security Enhancements	7820	High	12/1/2018	TR-SUB	0.00%	87.1%
CET-ET-IR-ME-782005	Vincent: NERC CIP-14 Physical Security Enhancements	7820	High	1/1/2020	TR-SUB	0.00%	100.0%
CET-ET-IR-ME-782008	Eldorado: NERC CIP-14 Physical Security Enhancements	7820	High	1/1/2020	TR-SUB	0.00%	100.0%
CET-ET-IR-ME-782009	Lugo: Phy-Physical Security Project	7820	High	4/1/2018	TR-SUB	0.00%	100.0%
COS-00-RE-AD-SR0004	Devers: Substation Maintenance and Test Building Improvem	7957	High	7/1/2019	TR-SUB	0.00%	84.0%
COS-00-RE-AD-SR0006	Rector: Substation Maintenance and Test Building Improvem	7959	High	6/1/2019	TR-SUB	0.00%	53.4%
CET-ET-LG-AF-808000	Eldorado: Install facil. for switchrack	8088	High	5/1/2020	TR-SUB	0.00%	100.0%
CET-ET-CA-FB-808000	Eldorado-Harry Allen (Cust):Instl 1 span	8088	High	5/1/2020	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-642007	Devers Sub: Remove 220 KV bbs and Dss	6420	High	1/1/2020	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-642011	Vista Sub: Remove 220 KV Dss	6420	High	12/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-642018	Westof Devers 220 KV Trans Line Removals	6420	High	12/1/2019	TR-LINE	0.00%	100.0%
CET-ET-TP-RC-722702	Inyo Substation: Replace Inyo phase shifter and new hybrid c	7227	Low	8/1/2020	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-722700	Control: Install two (2) N60 relays	7227	Low	6/1/2020	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-695703	Coolwater 220/115 KV#A . 220 KV switchtrack , -1 L90 , -1 SLE31	6957	High	12/1/2020	TR-SUB	0.00%	100.0%
CET-ET-CR-WC-810701	Kramer Substation (RN#): Enggineer and construct one (1):	8107	High	8/1/2020	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-809100	Big Creek 4: Install two new N60 relays	8091	High	12/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-755507	Mira Loma-Ventica 500 kV new dbl circuit	7555	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-755537	Eagle Rock-Mesa 220kV: Remove 2100 ckt ftbf conductor	7555	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-755546	Lighthipe-Mesa: Remove 8 strct+end	7555	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-755547	Mesa-Rio Hondo 220kV: Remove 48tructures and 2700 ckt ft	7555	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-755548	Mesa-Rio Hondo 220kV: Remove 48tructures and 2700 ckt ft	7555	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-755552	Mesa-Vincent #1 220kV: Remove 38tructures, 2 shroff ESFs,	7555	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-755554	Mesa-Vincent #2 220kV: Remove 38tructures and 2000 ckt ft	7555	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-755558	Redondo-Vincent 220kV: Remove 150 ckt ftbf shroff cond	7555	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-755535	Center-Mesa 220kV: Remove 4 structures and 2800 ckt of c	7555	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-755538	Goodrich-Laguna Bell 220kV: Remove 28tructures, remove 1'	7555	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-755543	Laguna Bell-Rio Hondo 220kV: Remove 28tructures, remove :	7555	High	12/1/2020	TR-LINE	0.00%	100.0%
CET-ET-TP-RL-776300	Eldorado Sub: Instal	7763	High	12/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-776308	Eldorado: Instl equipment to support N-2	7763	High	12/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-786601	Magubunden Substation: Upgrade (6) 1200amp disconnects to	7866	High	7/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-786602	Vestal Substation: Upgrade (6) 1200amp disconnects to matt	7866	High	4/1/2019	TR-SUB	0.00%	100.0%
CET-ET-CR-WC-790301	Lugo Substation: Expand High Desert Power Plant (HDPPI) Sp:	7903	High	6/1/2020	TR-SUB	0.00%	100.0%
CET-ET-CR-WC-790301	Victor Substation: Expand High Desert Power Plant (HDPPI) Sp	7903	High	6/1/2020	TR-SUB	0.00%	100.0%
CET-ET-GA-CR-766600	Colorado River Sub: C-RAS Project Phase 1	7666	High	5/1/2019	TR-SUB	0.00%	100.0%
CET-ET-GA-CR-766601	Devers Sub: CR-3 Project Phase 1	7666	High	5/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-802900	Lugo Substation:Replace (3) 500kV CBS (CB#762, 862, 962), ft	8029	High	5/1/2020	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-802901	Lugo-Victorville 500kV Transmission Line (SCE-owned):Ex tht	8029	High	12/1/2019	TR-LINE	0.00%	100.0%
CET-ET-CR-WC-807802	Antelope (RN#): Install (2) N60 relays	8078	High	11/1/2019	TR-SUB	0.00%	100.0%
CET-ET-CR-WC-807803	Antelope Sub (RN#): Power System Control, & Expand existi	8078	High	9/1/2019	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-808100	Colorado River Sub (RN#): Install one (1) 220kv line positior	8081	High	5/1/2020	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-808101	Colorado River Sub (RN#): Install two (2) GE N60 logic prce	8081	High	12/1/2020	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-808102	Colorado River (RN#): ground grid study for interconnector	8081	High	12/1/2020	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-810400	Moopark 220 KV switchtarck: Relocate the Ormond Beach N	8104	High	11/1/2020	TR-SUB	0.00%	23.0%
CET-ET-TP-RL-810401	Pardee 220 KV Equip vacant position (2) 220 Cbs: r	8104	High	12/1/2020	TR-SUB	0.00%	100.0%
CET-ET-TP-RL-810402	New Moonrock-Barden #4 220 LV line pos: Stevin coupler, 75.5 m	8104	High	12/1/2020	TR-LINE	0.00%	100.0%

Non-Incentive Plant Additions Forecast

First Forecast Month 1/1/2019

Blanket Forecast

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
CET-ET-IR-CB-421100	Replace Bulk Power Circuit Breakers	4211	High	Blanket	TR-SUB	0.00%	100.0%	465.1	465.1	465.1	465.1	465.1	465.1	465.1	465.1	465.1	465.1	465.1	465.1
CET-ET-IR-CB-432900	Non-Bulk Circuit Breaker Replacement Program (115kV and 1	4329	Low	Blanket	TR-SUB	0.00%	100.0%	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
CET-ET-IR-ST-TRSORAN	Steel Stud Remediation (Trans)	4056	Low	Blanket	TR-LINE	0.00%	1.9%	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
CET-ET-IR-RP-A34301	Non-Bulk Relay Replacement Program ("SRRP")	4343	Low	Blanket	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-IR-RP-508900	Bulk Power 500kV & 220kV Line Relay Replacement	5089	High	Blanket	TR-SUB	0.00%	100.0%	766.8	766.8	766.8	766.8	766.8	766.8	766.8	766.8	766.8	766.8	766.8	
CET-ET-IR-ME-475600	Substation Miscellaneous Equipment Additions & Bettermen	4756	High	Blanket	TR-SUB	0.00%	100.0%	1,766.4	1,766.4	1,766.4	1,766.4	1,766.4	1,766.4	1,766.4	1,766.4	1,766.4	1,766.4	1,766.4	
CET-ET-IR-TB-521001	Substation Transformer Bank Replacement Program (AA-Bar	5210	High	Blanket	TR-SUB	0.00%	100.0%	495.3	495.3	495.3	495.3	495.3	495.3	495.3	495.3	495.3	495.3	495.3	
CET-ET-IR-TG-TRSIAC	Transmission Grid-Based Maintenance (Tower Corrosion)	3364	High	Blanket	TR-LINE	0.00%	29.6%	1,290.1	1,290.1	1,290.1	1,290.1	1,290.1	1,290.1	1,290.1	1,290.1	1,290.1	1,290.1	1,290.1	
CET-ET-IR-ME-757301	Substation Fence/Gate (Cu Theft) (FERC)	7573	High	Blanket	TR-SUB	0.00%	100.0%	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	
CET-ET-IR-WM-TP-822400	Enhanced Overhead Inspections (EOI) & Remediations - Trn	8224	High	Blanket	TR-LINE	0.00%	26.6%	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	
CET-ET-IR-TP-788800	Transmission Maintenance Planned	7888	High	Blanket	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-OT-PI-729801	Transmission Line Rating Remediation - Metro West, Highlan	7298	High	Blanket	TR-LINE	0.00%	100.0%	5,602.3	5,602.3	5,602.3	5,602.3	5,602.3	5,602.3	5,602.3	5,602.3	5,602.3	5,602.3	5,602.3	
CET-ET-PD-BM-SU-SUBSNW	Substation Unplanned Maintenance Replacements	3363	High	Blanket	TR-SUB	0.00%	9.1%	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
CET-ET-PD-ST-SS-SUBSNW	Substation - Storm	3363	High	Blanket	TR-SUB	0.00%	22.9%	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	
CET-ET-PD-BM-TU-TRSIAC	Transmission Breakdown Maintenance Unplanned	3364	High	Blanket	TR-LINE	0.00%	39.1%	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
CET-ET-IR-TR-TRMETW	Transmission Deteriorated Pole Repl & Restoration	3364	Low	Blanket	TR-LINE	0.00%	1.9%	128.9	128.9	128.9	128.9	128.9	128.9	128.9	128.9	128.9	128.9	128.9	
CET-ET-IR-PR-TRMETW	Pole Loading Transmission Pole Replacements	3364	Low	Blanket	TR-LINE	0.00%	1.9%	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	
CET-ET-CL-CI-GRINSP	Critical Infrastructure Spare - FERC Spare Transformer Equip	3362	High	Blanket	TR-SUB	0.00%	100.0%	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	
CET-ET-CL-SC-SUBSNW	Substation Claim	3367	High	Blanket	TR-SUB	50.00%	8.2%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
CET-ET-CL-CT-TRTREST	Transmission Claim	3367	High	Blanket	TR-LINE	50.00%	9.1%	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	
CET-ET-ST-TS-TRTREST	Transmission Storm	3367	High	Blanket	TR-LINE	0.00%	32.5%	119.4	119.4	119.4	119.4	119.4	119.4	119.4	119.4	119.4	119.4	119.4	
COS-00-CS-CS-782000	NERC CIP-14 Physical Security Enhancements	7820	High	Blanket	TR-SUB	0.00%	78.8%	249.9	249.9	249.9	249.9	249.9	249.9	249.9	249.9	249.9	249.9	249.9	
COS-00-SP-TD-000000	Seismic Program - Trans Subs (FERC)	7392	High	Blanket	TR-SUB	0.00%	63.8%	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	
COS-00-SP-TD-000002	Seismic Program - Trans Lines	7392	High	Blanket	TR-LINE	0.00%	100.0%	277.8	277.8	277.8	277.8	277.8	277.8	277.8	277.8	277.8	277.8	277.8	
COS-00-RE-MA-NE7637	Substation Facility Capital Maintenance	7637	High	Blanket	TR-SUB	0.00%	33.5%	453.1	453.1	453.1	453.1	453.1	453.1	453.1	453.1	453.1	453.1	453.1	
COS-00-CS-CS-745400	Physical Security Systems - Electric Facilities	7454	High	Blanket	TR-SUB	0.00%	58.0%	477.9	477.9	477.9	477.9	477.9	477.9	477.9	477.9	477.9	477.9	477.9	
CET-ET-OT-TE-465100	Palco Verde 500 kV Switch Yard Disconnect Switch Repl	4651	High	Blanket	TR-SUB	0.00%	100.0%	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	
CET-ET-OT-TE-313800	LADWP/Sylmar: Misc Capital	3138	High	Blanket	TR-SUB	0.00%	100.0%	152.7	152.7	152.7	152.7	152.7	152.7	152.7	152.7	152.7	152.7	152.7	
CET-ET-GA-EM-644603	Devers: install necessary phasor measurement	6446	High	Blanket	TR-SUB	0.00%	100.0%	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	
CET-ET-GA-EM-644610	Vestal: install necessary phasor measurement	6446	High	Blanket	TR-SUB	0.00%	80.0%	177.9	177.9	177.9	177.9	177.9	177.9	177.9	177.9	177.9	177.9	177.9	
Total Blankets								13,423.2	13,423.2	13,423.2	13,423.2	13,423.2	13,423.2	13,423.2	13,423.2	13,423.2	13,423.2	13,423.2	
Total Incremental Blankets Plant Balance								218,031.5	231,454.7	244,877.9	258,301.1	271,724.3	285,147.5	298,570.7	311,993.9	325,417.0	338,840.2	352,263.4	365,686.6

Non-Incentive Specifics Forecast

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
CET-OT-OT-ME-313802	LADWP DC electrode replacement (LAND Segment)	3138	High	11/1/2018	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-OT-ME-313802	LADWP DC electrode replacement (OCEAN Segment)	3138	High	12/1/2019	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-OT-OT-ME-313803	LADWP AC/DC Filter Replacement	3138	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	93,320.9
CET-ET-TP-RN-775602	Whirwind Sub (PO5): Equip one (1) 220 kV position to termi	7756	High	11/1/2018	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-777500	Whirwind Substation (NU): Equip one (1) 220 kV position to t	7775	High	7/1/2018	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-AP-CF-809000	Bob Switch - Eldorado T/L: Install one transmission structure	8090	High	7/1/2019	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-LG-TR-809000	Eldorado Substation (NU): install the following equipment or	8090	High	6/1/2019	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-LG-TS-538303	Chino 220/66kV - Add a 4th 280MVA, 220/66kV Transformer	5383	High	10/1/2019	TR-SUB	0.00%	35.0%	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	
CET-ET-LG-TS-682400	La Fresia Sub (Phase 2): Install new MEER and cut over existi	6824	High	11/1/2019	TR-SUB	0.00%	37.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-711300	El Nido: Install 230 KV (63 kA) double breakers on No. 1 A bar	7113	High	6/1/2018	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-LG-TS-783400	Bailey Sub: Install a 28.8 MVAR Cap	7834	Low	6/1/2018	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-711200	Devers: Equip one (3 & 4) with circu	7112	High	12/1/2018	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-751800	Springville Sub: Redesign high side feed from bank on bus to	7518	High	8/1/2019	TR-SUB	0.00%	80.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-711900	Walnut: Convert the Mesa 220 kV Line position and 3A & 4A	7119	High	5/1/2019	TR-SUB	0.00%	41.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-779000	Eagle Mountain Substation: Install a 45 MVAR tertiary reacto	7790	High	12/1/2018	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-754700	Eldorado: Engineer, remove and install equipment for chang	7547	High	6/1/2018	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-754701	Eldorado-Mohave 500kV: Remove two (2) existing transmiss	7547	High	6/1/2018	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-754702	Eldorado-Moenkop 500 kV: Remove one (1) existing transm	7547	High	6/1/2018	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-772700	Inyokern Substation: Expand existing MEER at Inyokern Subs	7727	Low	8/1/2020	TR-SUB	0.00%	37.0%	-	-	-	-	-	-	-	-	1,027.5	-	-	-
CET-ET-TP-RL-772701	Control Substation: Install 12 (12) N60 relays, one (1) satellite	7727	Low	10/1/2020	TR-SUB	0.00%	86.0%	-	-	-	-	-	-	-	-	-	1,147.7	-	-
CET-ET-TP-RL-772704	Kramer Substation: Install six (6) N60 relays and one (1) satell	7727	High	12/1/2020	TR-SUB	0.00%	78.0%	-	-	-	-	-	-	-	-	-	-	-	353.9
CET-ET-TP-RN-776301	Lugo 500/220 KV (T) Install two (2) 50 relays Install one (1)	7763	High	8/1/2016	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-776304	Eldorado-Lugo 500 kV line: CA side - Install 85 miles of new OP	7763	High	10/1/2019	TR-LINE	0.00%	100.0%	550.0	550.0	550.0	550.0	550.0	550.0	550.0	550.0	550.0	550.0	550.0	
CET-ET-TP-RN-776305	Eldorado-Lugo 500 kV line: NV Side -Install 2 miles of new OP	7763	High	12/1/20															

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	2019												2020											
								Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
CET-ET-TP-RL-788400	Harbogen-Lng Bch 220kV:Rmv 1 mile of lne	7884	High	1/1/2019	TR-LINE	0.00%	100.0%	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	
CET-ET-TP-RL-788401	Lighthipe-Lng Bch 220kV:Rmv 1 mile of lne	7884	High	1/1/2019	TR-LINE	0.00%	100.0%	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1	1,112.1		
CET-ET-TP-RL-788403	Long Beach Sub: Remove 220kV switchyard	7884	High	9/1/2019	TR-SUB	0.00%	100.0%	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8		
CET-ET-TP-RL-801900	CONTROL-SILVER PEAK "A" 55KV PIN 801900	8019	Low	10/1/2018	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-801902	CONTROL-SILVER PEAK "C" 55KV PIN 801902	8019	Low	10/1/2018	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-679100	I-Lugo: Inst 500KV double breakers on No	6791	High	7/1/2019	TR-SUB	0.00%	100.0%	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3		
CET-ET-TP-RL-715000	Johanna: Install double breakers on 3A+4A	7115	High	5/1/2020	TR-SUB	0.00%	82.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-711600	CFF-Villa Park: Equip the existing No. 2	7116	High	5/1/2016	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-724100	Eldorado: Install (2) 500 kV CBs, (3) 50	7241	High	6/1/2016	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RN-724800	CFF-'El dorado Sub: The following needs t	7248	High	10/1/2015	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-CD-OT-LM-751101	TRT 1: Antelope-Pardess 500KV: Install Marker Balls/Lighting	7511	High	12/1/2019	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-IR-ME-782001	Mira Loma: NERC CIP-14 Physical Security Enhancements	7820	High	12/1/2018	TR-SUB	0.00%	85.1%	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0		
CET-ET-IR-ME-782002	Pardee: NERC CIP-14 Physical Security Enhancements	7820	High	12/1/2018	TR-SUB	0.00%	87.1%	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8			
CET-ET-IR-ME-782005	Vincent: NERC CIP-14 Physical Security Enhancements	7820	High	1/1/2020	TR-SUB	0.00%	100.0%	20,915.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-IR-ME-782008	Eldorado: NERC CIP-14 Physical Security Enhancements	7820	High	1/1/2020	TR-SUB	0.00%	100.0%	17,877.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-IR-ME-782009	Lugo: Phy:Physical Security Project	7820	High	4/1/2018	TR-LINE	0.00%	100.0%	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7			
COS-00-RE-AD-SR0004	Devers: Substation Maintenance and Test Building Improven	7957	High	7/1/2019	TR-SUB	0.00%	84.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COS-00-RE-AD-SR0006	Rector: Substation Maintenance and Test Building Improven	7959	High	6/1/2019	TR-SUB	0.00%	53.4%	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5		
CET-ET-LG-AB-808000	Eldorado: Install facil. for switchrack	8088	High	5/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-CP-FB-808000	Eldorado-Harry Allen (Cast):Inst 1 span	8088	High	5/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RN-642007	Devers Sub: Remove 220 kV CBs and DSS	6420	High	1/1/2020	TR-SUB	0.00%	100.0%	146.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RN-642011	Vista Sub: Remove 220 kV Dss	6420	High	12/1/2019	TR-SUB	0.00%	100.0%	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5		
CET-ET-TP-RN-642018	Westof Devers 220 kV Trans Line Removals	6420	High	12/1/2019	TR-LINE	0.00%	100.0%	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3	333.3			
CET-ET-TP-RC-722702	Inyo Substation: Replace Inyo phase shifter and new hybrid c	7227	Low	8/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RN-722700	Control: Install two (2) N60 relays	7227	Low	6/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RN-722700	Control: Install two (2) N60 relays	7227	Low	6/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-CR-WL-810701	Kramer Substation (RNU): B. Engineer and construct one (1):	8107	High	8/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-809100	Big Creek 4: Install two new N60 relays	8091	High	12/1/2019	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-755507	Mira Loma-Vincent 500 kV new dbl circuit	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-755537	Eagle Rock-Mesa 220kV: Remove 2100 ckt fbl# conductor	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-755546	Lighthipe-Mesa: Remove 8 strct+rcnd	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-755547	Mesa-Rio Hondo 220kV: Remove 48structures and 2700 ckt ft	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-755548	Mesa-Rio Hondo 220kV: Remove 48structures and 2700 ckt ft	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-755552	Mesa-Vincent #1 220kV: Remove 38strct, 2 shodffy ESPs	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-755554	Mesa-Vincent #2 220kV: Remove 38strct and 2000 ckt ft	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-755558	Redondo-Vincent 220kV: Remove 1500 ckt fbl# shodffy cond	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-755535	Center-Mesa 220kV: Remove 4 structures and 2800 ckt ft of	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-755538	Goodrich-Laguna Bell 220kV: Remove 28structures, remove 1:	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-755543	Laguna Bell-Hondo 220kV: Remove 28structures, remove :	7555	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RN-736300	Eldorado Sub: Insta:	7763	High	12/1/2019	TR-SUB	0.00%	100.0%	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
CET-ET-TP-RN-736301	Eldorado: Inst equipment to support N-2	7763	High	12/1/2019	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RN-786001	Magnunden Substation: Upgrade (6) 120amp disconnects to	7866	High	7/1/2019	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RN-786002	Vestal Substation: Upgrade (6) 120amp disconnects to matc	7866	High	4/1/2019	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-CR-WK-790301	Lugo Substation: Expand High Desert Power Plant (HDPP) SP:	7903	High	6/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-CR-WK-790301	Victor Substation: Expand High Desert Power Plant (HDPP) SI	7903	High	6/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-GA-CR-766600	Colorado River Sub: C-RAS Project Phase 1	7666	High	5/1/2019	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-GA-CR-766601	Devers Sub: CR-3 Project Phase 1	7666	High	5/1/2019	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-802900	Lugo Substation:Replace (3) 500kV CBS (CB#762, 862, 962), (l)	8029	High	5/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CET-ET-TP-RL-802901	Lugo-Victorville 500KV Transmission Line (SCE-owned):Fix the	8029	High	12/1/2019	TR-LINE	0.00%	100.0%	-																							

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
CET-ET-TP-RL-810403	Moorpark-Santa Clara #2: String 2B-1590 one mile section or	8104	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	956.6
CET-ET-TP-RL-810404	Moorpark-Ormond Beach No. 3	8104	High	10/1/2019	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-810405	Moorpark-Ormond Beach No. 4	8104	High	4/1/2020	TR-LINE	0.00%	100.0%	-	-	-	195.5	-	-	-	-	-	-	-	-
CET-ET-TP-RL-810403	Moorpark-Santa Clara No. 1	8104	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	200.5
CET-ET-TP-RL-810404	Moorpark-Pardee No. 1	8104	High	10/1/2019	TR-LINE	0.00%	100.0%	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
CET-ET-TP-RL-810405	Santa Clara: Replace line relays Santa Clara Substation Replac	8104	High	4/1/2020	TR-SUB	0.00%	100.0%	-	-	316.8	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-810402	Environmental for Moorpark-Pardee	8104	High	12/1/2020	TR-LINE	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	677.4
CET-ET-TP-RN-813901	Colorado River Sub (RNU) 2: Engineer and construct one (1):	8139	High	6/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	167.1	-	-	-	-	-	-
CET-ET-TP-RN-813902	Colorado River Sub (RNU) - Install two (2) GE N60 logic prcse	8139	High	6/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	69.5	-	-	-	-	-	-
CET-ET-IR-ME-804207	Serrano 500/220 (T) Perimeter Security Upgrade	8042	High	4/1/2020	TR-SUB	0.00%	100.0%	-	-	-	504.6	-	-	-	-	-	-	-	-
CET-ET-IR-ME-804200	Devers Physical Security Tier 2	8042	High	6/1/2020	TR-SUB	0.00%	84.0%	-	-	-	-	-	1,085.0	-	-	-	-	-	-
CET-ET-IR-ME-804201	Antelope Physical Security Tier 2	8042	High	4/1/2020	TR-SUB	0.00%	100.0%	-	-	-	4,795.5	-	-	-	-	-	-	-	-
CET-ET-IR-ME-804202	Rancho Vista Physical Security Tier 2	8042	High	6/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	3,889.1	-	-	-	-	-	-
CET-ET-IR-ME-804203	Whirlwind Physical Security Tier 2	8042	High	6/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	4,057.0	-	-	-	-	-	-
CET-ET-IR-ME-804204	Windhub Physical Security Tier 2	8042	High	4/1/2020	TR-SUB	0.00%	88.9%	-	-	-	3,615.0	-	-	-	-	-	-	-	-
CET-ET-IR-ME-804205	Vista Physical Security Tier 3	8042	High	7/1/2019	TR-SUB	0.00%	20.9%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-IR-ME-804206	Moorpark Physical Security Tier 3	8042	High	12/1/2019	TR-SUB	0.00%	13.7%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-705900	Red Bluff Substation (NU): Install a Breaker-and-a-Half Config	7059	High	8/1/2020	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	1,997.9	-	-	-	-	-
CET-ET-GA-CR-766602	Red Bluff Sub: C-RAS Project Phase 1	7666	High	5/1/2019	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-GA-CR-800900	Antelope -Install relays, CRAS, SEL-2407	8009	High	8/1/2019	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-GA-CR-800901	Vincent-Install relays, CRAS, SEL-2407	8009	High	6/1/2019	TR-SUB	0.00%	100.0%	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-GA-CR-800902	Whirlwind-Install relays, CRAS, SEL-2407	8009	High	11/1/2019	TR-SUB	0.00%	100.0%	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	
Total Specifics						41,187.8	2,248.6	2,248.6	11,675.8	25,887.7	12,153.8	2,248.6	11,387.0	2,248.6	3,396.3	2,987.9	166,631.5		
Total Incremental Non-Incentive Specifics Plant Balance						206,409.5	208,658.1	210,906.6	222,582.5	248,470.1	260,623.9	262,872.5	274,259.5	276,508.0	279,904.3	282,892.2	449,523.8		
Total Incremental Non-Incentive Plant Balance						424,441.0	440,112.8	455,784.5	480,883.5	520,194.4	545,771.4	561,443.1	586,253.3	601,925.1	618,744.5	635,155.7	815,210.4		

Incentive CWIP & Plant Additions Forecast

Devers Colorado River (DCR)

Incentive Specifics Forecast

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFL

Incentive CWIP & Plant Additions Forecast

Devers Colorado River (DCR)

Incentive Specifics Forecast

Note: Incentive Specific

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

Incentive CWIP & Plant Additions Forecast

Devers Colorado River (DCR)

Incentive Specifics Forecast

Note: Incentive Specific

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFU

Tehachapi Segments 3B & 3C

Incentive Specifics Forecast

Note: Incentive Specific

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

<u>WBS</u>	<u>WBS Description</u>	<u>Pin #</u>	<u>Voltage</u>	<u>Forecast Date</u>	<u>Asset Class</u>	<u>Collectible %</u>	<u>ISO %</u>	<u>2018 CWIP</u>	<u>2019 Total Expenditures</u>	<u>2020 Total Expenditures</u>	<u>2018 ISO CWIP Less</u>	<u>2019 ISO Expenditures</u>	<u>2020 ISO Expenditures Less</u>
CET-ET-TP-RN-718300	230 kV Transmission Line Between Highwind and Windhub Substations	7183	High	12/1/2012	TR-LINEINC	0.00%	100.00%	-	3.8	-	-	-	3.8
0		0	0	Jan-00	1/0/1900	Jan-00	0.00%	-	-	-	-	-	-
0		0	0	Jan-00	1/0/1900	Jan-00	0.00%	-	-	-	-	-	-
0		0	0	Jan-00	1/0/1900	Jan-00	0.00%	-	-	-	-	-	-
0		0	0	Jan-00	1/0/1900	Jan-00	0.00%	-	-	-	-	-	-
0		0	0	Jan-00	1/0/1900	Jan-00	0.00%	-	-	-	-	-	-
0		0	0	Jan-00	1/0/1900	Jan-00	0.00%	-	-	-	-	-	-
Total Incentive CWIP Expenditures (Excludes OH)								-	3.8	-	-	3.8	-

Tehachapi Segments 3B & 3C

Incentive Specifics Forecast

Note: Incentive Specific

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

Tehachapi Segments 3B & 3C

Incentive Specifics Forecast

Note: Incentive Specific

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

Tehachapi Segments 4-11

Incentive Specific Forecast
 Note: Incentive Specific

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	2018 CWIP	2019 Total Expenditures	2020 Total Expenditures	2018 ISO CWIP Less Collectible	2019 ISO Expenditures Less Collectible	2020 ISO Expenditures Less Collectible	
CET-ET-TP-RN-524301	I: TRTP 6-2: New Vincent-Duarte 500kV: Construct new 27 miles single-circuit 500kV T/L or	5243	High	8/1/2014	TR-LINEINC	0.00%	100.00%	-	2,816.9	-	-	2,816.9	-	-
CET-ET-TP-RN-643801	I: TRTP 7-3: Antelope-Mesa 230kV T/L: Construct new 16-mile double-circuit 500kV T/L (28	6438	High	2/1/2018	TR-LINEINC	0.00%	100.00%	-	19.9	-	-	19.9	-	-
CET-ET-TP-RN-643907	I: TRTP 8-8: Mira Loma-Vincent: Construct new 33 miles 500kV T/L between Mesa and Miri:	6439	High	3/1/2016	TR-LINEINC	0.00%	100.00%	-	(12.2)	-	-	(12.2)	-	-
CET-ET-TP-RN-755304	Mira Loma-Vincent 500 kV T/L (UG): Civil & Cable Portion	7553	High	10/1/2016	TR-LINEINC	0.00%	100.00%	-	39.9	-	-	39.9	-	-
CET-RP-TP-RN-755300	Acquire easements for CHUG - TRTP-Segment 8	7553	High	9/1/2019	TR-FEELANDINC	0.00%	100.00%	156.3	72.4	-	156.3	72.4	-	-
CET-ET-TP-RN-755302	East Transition Station	7553	High	12/1/2016	TR-SUBINC	0.00%	100.00%	-	271.5	-	-	271.5	-	-
CET-ET-TP-RN-755303	West Transition Station	7553	High	12/1/2016	TR-SUBINC	0.00%	100.00%	-	(26.3)	-	-	(26.3)	-	-
CET-ET-TP-RN-644203	I: TRTP 11-1: Mesa-Vincent #1 500kV: Construct 18.6 miles Mesa-Vincent #1 500kV T/L Co	6442	High	5/1/2015	TR-LINEINC	0.00%	100.00%	-	461.0	-	-	461.0	-	-
Total Specifics														
Total Incremental Plant Balance - Tehachapi Segments 4-11														
								156.3	3,643.0	-	156.3	3,643.0	-	-

Tehachapi Segments 4-11

Incentive Specifics Forecast
 Note: Incentive Specific

WBS	WBS Description	Pin #	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
CET-ET-TP-RN-524301	I: TRTP 6-2: New Vincent-Duarte 500kV: Construct new 27 miles single-circuit 500kV T/L or 5243		8.8	203.4	222.2	20.5	84.0	29.0	124.0	414.0	514.0	564.0	414.0	219.0
CET-ET-TP-RN-643801	I: TRTP 7-3: Antelope-Mesa 230kV T/L: Construct new 16-mile double-circuit 500kV T/L [26 6438		3.0	5.6	7.6	3.6	-	-	-	-	-	-	-	-
CET-ET-TP-RN-643907	I: TRTP 8-8: Mira Loma-Vincent: Construct new 33 miles 500kV T/L between Mesa and Mir 6439		13.9	20.4	44.3	(214.8)	124.1	-	-	-	-	-	-	-
CET-ET-TP-RN-755304	Mira Loma-Vincent 500 kV T/L (UG): Civil & Cable Portion 7553	(8.0)	9.7	25.6	12.5	-	-	-	-	-	-	-	-	-
CET-RP-TP-RN-755300	Acquire easements for CHUG - TRTP-Segment 8 7553	-	-	-	-	-	-	-	-	228.7	-	-	-	-
CET-ET-TP-RN-755302	East Transition Station 7553	144.4	8.3	(1.0)	115.8	2.0	2.0	-	-	-	-	-	-	-
CET-ET-TP-RN-755303	West Transition Station 7553	(27.2)	4.0	(3.2)	0.1	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-644203	I: TRTP 11-1: Mesa-Vincent #1 500kV: Construct 18.6 miles Mesa-Vincent #1 500kV T/L Co 6442	3.3	193.3	186.6	6.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
Total Specifics			138.2	444.6	482.1	(55.6)	219.0	39.9	132.9	422.9	751.6	572.9	422.9	227.9
Total Incremental Plant Balance - Tehachapi Segments 4-11			138.2	582.8	1,064.9	1,009.4	1,228.4	1,268.3	1,401.2	1,824.1	2,575.6	3,148.5	3,571.4	3,799.3

Tehachapi Segments 4-11

Incentive Specifics Forecast

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

Total Incentive CWIP Expenditures (Excludes OH)

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

Red Bluff Substation

Incentive Specifics Forecast

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

Mesa

Incentive Specifics Forecast

Note: Incentive Specific

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	2018 CWIP	2019 Total Expenditures	2020 Total Expenditures	2018 ISO CWIP Less	2019 ISO Expenditures	2020 ISO Expenditures Less	
								Expenditures	Collectible	Collectible	Less Collectible	Collectible	Collectible	
CET-ET-TP-RL-755500	Mesa Substation: Upgrade Mesa from a 230	7555	High	6/1/2021	TR-SUBINC	0.00%	50.1%	200,093.2	64,053.5	16,244.6	101,527.3	32,500.8	8,242.	
CET-ET-TP-RL-755501	Laguna Bell: Replace (4) 230 kV Cbs	7555	High	12/1/2019	TR-SUBINC	0.00%	100.0%	2,160.6	370.3	2,160.6	370.3	-	-	
CET-ET-TP-RL-755504	Lightpole:Replace (2) 230kv Cbs&disconct	7555	High	6/1/2019	TR-SUBINC	0.00%	100.0%	691.9	594.4	6.3	691.9	594.4	6.	
CET-ET-TP-RL-755506	Rio Hondo Sub: Upgrade/Update Protection	7555	High	12/1/2019	TR-SUBINC	0.00%	100.0%	267.7	145.8	-	267.7	145.8	-	
CET-ET-TP-RL-755508	Mesa Area Phase2: Relocate various lines	7555	High	12/1/2020	TR-SUBINC	0.00%	100.0%	5,927.8	164.8	873.8	5,927.8	164.8	873.	
CET-ET-TP-RL-755508	Mesa Area Phase1:Form LB-Mesa2&Mesa-RH2	7555	High	12/1/2020	TR-SUBINC	0.00%	100.0%	2,243.0	586.9	1,474.1	2,243.0	586.9	1,474.	
CET-ET-TP-RL-755523	Center Sub:Replic 3 GE relays	7555	High	11/1/2019	TR-SUBINC	0.00%	100.0%	212.6	106.3	-	212.6	106.3	-	
CET-ET-TP-RL-755526	Redondo Sub: Replic 1 SEL-3111 relay.	7555	High	12/1/2019	TR-SUBINC	0.00%	100.0%	509.6	11.3	-	509.6	11.3	-	
CET-ET-TP-RL-755500	Mesa: SCE 50% MWD Water Line Relocation	7555	High	1/1/2018	TR-SUBINC	0.00%	72.0%	-	-	-	-	-	-	
CET-ET-TP-RL-755536	Eagle Rock-Mesa: Ins	7555	High	1/1/2020	TR-LINEINC	0.00%	100.0%	108.6	484.5	-	108.6	484.5	-	
CET-ET-TP-RL-755540	Goodrich-Mesa: Install 1000ft cndctr	7555	High	12/1/2020	TR-LINEINC	0.00%	100.0%	5.3	327.5	-	5.3	327.5	-	
CET-ET-TP-RL-755541	Laguna Bell-Mesa #1 1200kV: Install 2300 cktft of conductor	7555	High	12/1/2020	TR-LINEINC	0.00%	100.0%	5.8	413.8	-	5.8	413.8	-	
CET-ET-TP-RL-755542	Laguna Bell-Mesa#2 1	7555	High	12/1/2020	TR-LINEINC	0.00%	100.0%	309.8	1,962.4	-	309.8	1,962.4	-	
CET-ET-TP-RL-755545	Lightpipe-Mesa: Install 3 strcts+cndtr	7555	High	12/1/2020	TR-LINEINC	0.00%	100.0%	1,689.4	1,781.2	-	1,689.4	1,781.2	-	
CET-ET-TP-RL-755549	Mesa-Rio Hondo #1 1200kV: Install 4strctures and 3000 ckt ft of conductor	7555	High	12/1/2020	TR-LINEINC	0.00%	100.0%	511.6	1,802.4	2,542.2	511.6	1,802.4	2,542.	
CET-ET-TP-RL-755550	Mesa-Rio Hondo#2: Install 3000ft cndctr	7555	High	12/1/2020	TR-LINEINC	0.00%	100.0%	2.7	384.3	448.0	2.7	384.3	448.	
CET-ET-TP-RL-755551	Mesa-Vincent1: Install 2 strcts+cndctr	7555	High	12/1/2020	TR-LINEINC	0.00%	100.0%	2,254.9	3,188.0	-	2,254.9	3,188.0	-	
CET-ET-TP-RL-755553	Mesa-Vincent2: Install 2 strcts+cndctr	7555	High	12/1/2020	TR-LINEINC	0.00%	100.0%	695.8	1,875.8	-	695.8	1,875.8	-	
CET-ET-TP-RL-755555	Mesa-Walnut: Install	7555	High	12/1/2020	TR-LINEINC	0.00%	100.0%	282.6	816.4	2,075.3	282.6	816.4	2,075.	
CET-ET-TP-RL-755557	Redondo-Vincent:Inst	7555	High	12/1/2020	TR-LINEINC	0.00%	100.0%	-	9.3	-	-	9.3	-	
CET-ET-TP-RL-755559	Goodrich-Laguna Bell: Install 1500ft cndtr	7555	High	12/1/2020	TR-LINEINC	0.00%	100.0%	-	9.3	-	-	9.3	-	
CET-ET-TP-RL-755560	Laguna Bell: Upgrade to 2000ft cndtr	7555	High	12/1/2020	TR-LINEINC	0.00%	100.0%	-	9.3	-	-	9.3	-	
CET-ET-TP-RL-755559	Mesa: Upgrade to a 500/230/66/16kV sub	7555	High	3/1/2022	TR-SUBINC	0.00%	100.0%	2,467.4	176.9	489.9	2,467.4	176.9	489.	
CET-ET-TP-RL-755500	Mesa: 500kV Substation/MPO	7555	High	3/1/2022	TR-FEELANDINC	0.00%	80.0%	1,314.8	35,206.0	97,848.7	-	1,314.8	35,206.0	97,848.
CET-ET-TP-RL-755533	Mesa-Mira Loma: Inst	7555	High	4/1/2017	TR-FEELANDINC	0.00%	100.0%	18.5	26.7	4,075.9	18.5	26.7	4,075.	
CET-ET-TP-RL-755534	Mesa-Vincent: Install 1600 ft cndctr	7555	High	12/1/2020	TR-LINEINC	0.00%	100.0%	92.4	305.1	-	92.4	305.1	-	
CET-ET-TP-RL-755566	Mira Loma Subs	7555	High	6/1/2021	TR-SUBINC	0.00%	100.0%	0.5	3.4	-	0.5	3.4	-	
CET-ET-TP-RL-755567	Vincent Subs	7555	High	6/1/2021	TR-SUBINC	0.00%	100.0%	0.1	1.9	-	0.1	1.9	-	
Total Specifics								221,774.3	114,595.4	126,384.0	123,208.4	83,042.7	118,381.4	

Red Bluff Substation

Incentive Specifics Forecast

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

Mesa

Incentive Specifics Forecast

Note: Incentive Specific

WBS	WBS Description	Pin #	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
CET-ET-TP-RL-755500	Mesa Substation: Upgrade Mesa from a 230	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755501	Laguna Bell: Replace (4) 230 kV CBs	7555	-	-	-	-	-	-	-	-	-	-	-	2,531
CET-ET-TP-RL-755504	Lightpipe:Replace (2) 230kV Cbs&disconct	7555	-	-	-	-	-	1,207.5	0.3	0.3	0.3	0.3	0.3	77
CET-ET-TP-RL-755506	Rio Hondo Sub: Upgrade/Update Protection	7555	-	-	-	-	-	-	-	-	-	-	-	413
CET-ET-TP-RL-755508	Mesa Area Phase2: Relocate various lines	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755508	Mesa Area Phase1:Form LB-Mesa2&Mesa-RH2	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755523	Center Sub:Replic 3 GE relays	7555	-	-	-	-	-	-	-	-	-	-	248.2	70
CET-ET-TP-RL-755526	Redondo Sub: Replic 1 SEL-311L relay.	7555	-	-	-	-	-	-	-	-	-	-	-	521
CET-ET-TP-RL-755500	Mesa: SCE 50% MWD Water Line Relocation	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755501	Eagle Rock: Mesa	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755540	Goodrich-Mirra: Install 1000ft cndctr	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755541	Laguna Bell:Mesa #1 220kV: Install 2300 ckt ft of conductor	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755542	Laguna Bell:Mesa #1	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755545	Lightpipe: Mesa: Install 2 strcts+cndtr	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755549	Mesa-Rio Hondo #1 220kV: Install 48structures and 3000 ckt ft of conductor	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755550	Mesa-Rio Hondo2: Install 3000ft cndctr	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755551	Mesa-Vincent1: Install 2 strcts+cndctr	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755553	Mesa-Vincent2: Install 2 strcts+cndctr	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755555	Mesa-Walnut: Install	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755557	Redondo-Vincent:Inst	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755539	Goodrich-Laguna Bell: Install 150ft cndtr	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755544	LagunaBell-RioHondo:	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755559	Mesa: Upgrade to a 500/230/66/16kv sub	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755500	ACQ Mesa 500kV Substation/MPO	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755533	Mesa-Mira Loma: Inst	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755534	Mesa-Vincent: Install 1600 ft cndctr	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755566	Mira Loma: Subs	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755567	Vincent Subs	7555	-	-	-	-	-	-	-	-	-	-	-	-
Total Specifics			-	-	-	-	-	1,207.5	0.3	0.3	0.3	0.3	248.6	3,613
Total Incremental Plant Balance - Mesa			-	-	-	-	-	1,207.5	1,207.8	1,208.2	1,208.5	1,208.9	1,457.4	5,070

Red Bluff Substation

Incentive Specific Forecast

Note: Incentive Specific

WBS	WBS Description	Pin #	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
			-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-
	Total Specifics		-	-	-	-	-	-	-	-	-	-	-	-
	Total Incremental Plant Balance - Red Bluff Substation		-	-	-	-	-	-	-	-	-	-	-	-

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

WBS	WBS Description	Pin #	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
0		0	0											
0		0	0											
0		0	0											
0		0	0											
0		0	0											
	Total Incentive CWIP Expenditures (Excludes OH)		-	-	-	-	-	-	-	-	-	-	-	-

Mesa

Incentive Specific Forecast

Note: Incentive Specific

WBS	WBS Description	Pin #	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
CET-ET-TP-RL-755500	Mesa Substation: Upgrade Mesa from a 230	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755503	Laguna Bell: Replace (4) 230 kV Cbs	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755504	Lighthipe:Replace (2) 230kV Cbs&discntct	7555	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
CET-ET-TP-RL-755506	Rio Hondo Sub: Upgrade/Update Protection	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755508	Mesa Area Phase1: Relocate various lines	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755508	Mesa Area Phase1-Form LB-Mesa&Mesa-RH2	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755523	Center Sub:Replic 3 GE relays	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755526	Redondo Sub: Replc 1 SEL-311L relay	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755500	Mesa: SCE 50% MWD Water Line Relocation	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755536	Eagle Rock-Mesa: Ins	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755531	Goodrich-Mesa: Install 1000ft cndctr	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755541	Laguna Bell-Mesa #1 220kV: Install 2300 cktft of conductor	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755542	Laguna Bell-Mesa2: I	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755545	Lighthipe-Mesa: Install 3 strcts+cnd	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755549	Mesa-Rio Hondo #1 220kV: Install 48structures and 3000 ckt ft of conductor	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755550	Mesa-Rio Hondo2: install 3000ft cndctr	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755551	Mesa-Vincent1: Install 2 strcts+cndctr	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755553	Mesa-Vincent2: Install 2 strcts+cndctr	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755555	Mesa-Walnut: Install	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755557	Redondo-Vincent:Inst	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755539	Goodrich-Laguna Bell: Install 1500ft cnd	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755546	LagunaBell-RioHondo:	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755549	Mesa: Upgrade to a 500/200/16kV sub	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755500	ACQ 230kV Substation/MPO	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755533	Mesa-Mira Loma: Inst	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755534	Mesa-Vincent: Install 1600 ft cndctr	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755566	Mira Loma Sub:	7555	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-755567	Vincent Subs	7555	-	-	-	-	-	-	-	-	-	-	-	-
Total Specifics			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	42,910.4
Total Incremental Plant Balance - Mesa			5,071.2	5,071.7	5,072.3	5,072.8	5,073.3	5,073.8	5,074.4	5,074.9	5,075.4	5,076.0	5,076.5	47,986.9

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied. Includes Incentive LHFFU

Alberhill

Incentive Specifics Forecast

Note: Incentive Specific

CWIP Incentive Expenditure Forecast

CWIP Incentive Expenditure Forecast

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	2018 CWIP	2019 Total Expenditures	2020 Total Expenditures	2018 ISO CWIP Less Collectible	2019 ISO Expenditures Less Collectible	2020 ISO Expenditures Less Collectible
CET-ET-LG-TS-009200	Locating Phase - Site Selection, PEA/Application Preparation, Environmental Surveys and C	6092	High	12/1/2025	TR-SUBINC	0.00%	52.00%	37,477.8	1,498.5	1,498.2	19,630.4	785.2	785
CET-ET-LG-TS-009205	Valley; Replace existing LFCB relay w/	6092	High	12/1/2025	TR-SUBINC	0.00%	68.75%	14.5	-	-	10.0	-	-
CET-ET-LG-TS-009206	Serrano; Replace existing LFCB relay w/	6092	High	12/1/2025	TR-SUBINC	0.00%	100.00%	6.5	-	-	6.5	-	-
CET-RP-LG-TS-600200	AC007186379 Lake Elsinore/Hill/MPO	6092	High	12/1/2025	TR-LANDRGTINC	0.00%	49.00%	90.5	-	-	44.3	-	-
CET-ET-LG-TS-600204	Alberhill-Serrano 500KV: Form the Alberh	6092	High	12/1/2025	TR-LINEINC	0.00%	100.00%	320.9	-	-	320.9	-	-
CET-ET-LG-TS-600204	Alberhill-Valley 500KV: Form the Alberhi	6092	High	12/1/2025	TR-LINEINC	0.00%	100.00%	81.2	-	-	81.2	-	-
Total Incentive CWIP Expenditures (Excludes OH)								37,991.3	1,498.5	1,498.2	20,101.2	785.2	785

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

WBS	WBS Description	Pin #	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	
CET-ET-TR-RU-755500	Mesa Substation: Upgrade Mesa from a 230	7555	3,822.2	4,844.2	(882.0)	9,418.8	6,662.1	5,596.6	4,991.5	1,783.4	1,661.3	1,661.3	1,661.3	22,631	
CET-ET-TR-RU-755503	Laguna Bell: Replace (4) 230 kV CBs.	7555	11.5	12.3	10.4	5.6	5.6	5.6	5.6	268.7	12.5	12.5	12.5	0.3	
CET-ET-TR-RU-755504	Lightning Relays: 230kV CB&Disconet	7555	17.6	18.4	147.5	107.7	110.7	110.7	0.3	0.3	0.3	0.3	0.3	7	
CET-ET-TR-RU-755505	Rio Hondo Sub: Upgrade/Update Protection	7555	3.8	[0.1]	12.5	5.6	117.6	5.6	-	-	-	-	-	0	
CET-ET-TR-RU-755508	Mesa Area Phase3: Relocate various lines	7555	14.5	5.3	4.8	19.1	19.1	19.1	8.1	8.1	8.1	8.1	8.1	42	
CET-ET-TR-RU-755509	Mesa Area Phase3: Form LB-Mesa2&Mesa-RH2	7555	0.9	9.9	0.4	(6.1)	(6.1)	(6.1)	53.2	57.7	57.7	57.7	57.7	310	
CET-ET-TR-RU-755523	Center Sub:Replace 3 G relays	7555	0.8	0.4	0.7	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	42	
CET-ET-TR-RU-755526	Redondo Sub: Replace 1 SEL-3111 relay.	7555	-	11.3	-	-	-	-	-	-	-	-	-	-	
CET-ET-TR-RU-755500	Mesa SCE 50% MNO Water Line Relocation	7555	-	-	-	-	-	-	-	-	-	-	-	-	
CET-ET-TR-RU-755536	Eagle Rock-Mesa: Ins	7555	[0.1]	1.9	1.1	-	-	-	21.6	21.6	21.6	21.6	21.6	372	
CET-ET-TR-RU-755540	Goodrich-Mesa: Install 1000ft cndctr	7555	1.7	[0.1]	1.0	159.4	4.9	4.9	24.7	24.7	24.7	24.7	24.7	31	
CET-ET-TR-RU-755541	Laguna Bell-Mesa: #1 220kV: Install 2300 ckt&f of conductor	7555	0.9	0.4	1.1	6.2	90.4	6.2	30.2	30.2	30.2	30.2	30.2	15	
CET-ET-TR-RU-755542	Laguna Bell Mesa:2.1	7555	-	5.8	0.2	-	-	484.5	138.5	138.5	138.5	138.5	138.5	77	
CET-ET-TR-RU-755545	Lightning-Mesa: Install 3 stcts&cndtr	7555	268.0	105.6	(94.8)	431.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	810	
CET-ET-TR-RU-755549	Mesa-Rio Hondo 120kV: Install 4ttructures and 3000 ckt f of conductor	7555	7.4	1.6	0.3	84.0	64.6	156.3	64.6	615.7	64.6	64.6	64.6	61	
CET-ET-TR-RU-755550	Mesa-Rio Hondo2: Install 3000 pntcntr	7555	0.4	0.4	0.4	119.5	8.4	8.4	8.4	8.4	8.4	8.4	8.4	20	
CET-ET-TR-RU-755551	Mesa-Vincent1: Install 2 stcts&cndctr	7555	3.1	1.5	1.2	164.9	56.7	56.7	56.7	56.7	56.7	56.7	56.7	588.5	
CET-ET-TR-RU-755553	Mesa-Vincent2: Install 2 stcts&cndctr	7555	4.0	5.1	-	29.3	29.3	295.6	29.3	29.3	249.3	249.3	249.3	705	
CET-ET-TR-RU-755555	Mesa-Walnut: Install	7555	0.4	2.3	159.9	106.6	-	-	-	-	-	547.1	-	-	
CET-ET-TR-RU-755557	Redondo-Vincent:Inst	7555	0.7	1.4	4.6	0.6	0.6	0.6	-	-	-	-	-	-	
CET-ET-TR-RU-755539	Goodrich-Jaguin Bell: Install 1500ft cndr	7555	0.8	2.0	0.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-	
CET-ET-TR-RU-755544	LagunaBell-RioHondo:	7555	[0.0]	3.5	0.6	172.8	-	-	-	-	-	-	-	-	
CET-ET-TR-RU-755559	Mesa: Upgrade to a 500/230/66/16kV sub	7555	2,511.8	(2,417.3)	89.7	395.3	3,457.9	457.4	7,160.7	1,560.8	13,006.0	1,560.8	1,560.8	1,546.1	2,376
CET-ET-TR-RU-755500	ACQ: Mesa 500kV Substation/MPO	7555	-	-	-	-	-	-	-	-	-	-	-	-	
CET-ET-TR-RU-755533	Mesa-Mira Loma: Inst	7555	2.1	-	-	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0	
CET-ET-TR-RU-755534	Mesa-Vincent: Install 1600 ft cndctr	7555	-	-	-	-	-	-	-	86.2	-	-	-	0	
CET-ET-TR-RU-755566	Mira Loma Sub:	7555	-	3.4	[1.0]	-	-	-	-	-	-	-	-	-	
CET-ET-TR-RU-755567	Vincent Sub:	7555	0.1	1.7	0.2	-	-	-	-	-	-	-	-	-	
Total Incentive CWP Expenditures (Excludes OH)			6,672.6	2,621.2	(540.7)	11,230.5	10,866.3	7,246.5	12,638.4	4,734.6	15,384.3	5,018.0	7,956.2	30,767	

Alberhill

Incentive Specifics Forecast

Note: Incentive Specific

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

WBS	WBS Description	Pin #	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
CET-ET-LG-TS-609200	Licensing Phase - Site Selection, PEA/Application Preparation, Environmental Surveys and I	6092	200.3	120.0	63.1	196.6	129.7	134.9	124.9	134.9	124.9	134.9	84.9	49
CET-ET-LG-TS-609205	Valley; Replace existing FCB relay with	6092												
CET-ET-LG-TS-609206	Serrano; Replace existing FCB relay wit	6092												
CET-RP-LG-TS-609200	ACOD017186379 Lake Elsinore-Alberhill/MPO	6092												
CET-T1-G-TS-609204	Alberhill-Serrano 500kV: Form the Alberhi	6092												
CET-T1-G-TS-609204	Alberhill-Valley 500kV: Form the Alberhi	6092												
Total Incentive CWP Expenditures (Excludes OH)			200.3	120.0	63.1	196.6	129.7	134.9	124.9	134.9	124.9	134.9	84.9	49

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

Alberhill

Incentive Specifics Forecast

Note: Incentive Specific

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

Calcite Southern (formerly Jasper; part of South of Kramer)

Incentive Specific Forecast
 Note: Incentive Specific

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	2018 CWIP		2019 Total Expenditures		2020 Total Expenditures		2018 ISO CWIP Less Collectible		2019 ISO Expenditures Less Collectible		2020 ISO Expenditures Less Collectible	
								Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible
900295954	CET-ET-TP-RN-690200	6902	High	7/1/2021	TR-SUBINC	0.00%	100.00%	5,220.5	300.0	2,605.0	5,220.5	300.0	2,605.0	-	-	-	-	-	-
	Total Specifics							-	-	-	-	-	-	-	-	-	-	-	-
	Total Incremental Plant Balance - Calcite Southern (formerly Jasper; part of South of Kramer)							5,220.5	300.0	2,605.0	5,220.5	300.0	2,605.0						

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied. Includes Incentive LHFFU

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	2018 CWIP		2019 Total Expenditures		2020 Total Expenditures		2018 ISO CWIP Less Collectible		2019 ISO Expenditures Less Collectible		2020 ISO Expenditures Less Collectible	
								Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible
CET-ET-TP-RN-690200	Calcite: LGIA Engineer and construct a new interconnection facility	6902	High	7/1/2021	TR-SUBINC	0.00%	100.00%	5,220.5	300.0	2,605.0	5,220.5	300.0	2,605.0	-	-	-	-	-	-
0		0	0	Jan-00	1/0/1900	Jan-00	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	-
0		0	0	Jan-00	1/0/1900	Jan-00	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	-
0		0	0	Jan-00	1/0/1900	Jan-00	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	-
0		0	0	Jan-00	1/0/1900	Jan-00	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	-
0		0	0	Jan-00	1/0/1900	Jan-00	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	-
Total Incentive CWIP Expenditures (Excludes OH)								5,220.5	300.0	2,605.0	5,220.5	300.0	2,605.0						

West of Devers

Incentive Specifics Forecast
 Note: Incentive Specific

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	2018 CWIP		2019 Total Expenditures		2020 Total Expenditures		2018 ISO CWIP Less Collectible		2019 ISO Expenditures Less Collectible		2020 ISO Expenditures Less Collectible	
								Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible
800062511	CET-ET-TP-RN-642001	6420	High	5/1/2021	TR-LINEINC	0.00%	100.00%	65,534.8	0.2	-	65,534.8	0.2	-	-	-	-	-	-	-
901453923	CET-ET-TP-RN-642012	6420	High	10/1/2021	TR-SUBINC	0.00%	100.00%	3,141.4	51.6	849.2	3,141.4	51.6	849.2	-	-	-	-	-	-
901453923	CET-ET-TP-RN-642013	6420	High	12/1/2019	TR-SUBINC	0.00%	100.00%	-	-	550.0	550.0	-	550.0	-	-	-	-	-	-
901453924	CET-ET-TP-RN-642014	6420	High	8/1/2019	TR-SUBINC	0.00%	100.00%	-	-	173.9	0.1	-	173.9	0.1	-	-	-	-	-
901453925	CET-ET-TP-RN-642015	6420	High	8/1/2021	TR-SUBINC	0.00%	100.00%	4,813.9	895.1	750.0	4,813.9	895.1	750.0	-	-	-	-	-	-
901460764	CET-ET-TP-RN-642017	6420	High	5/1/2021	TR-LINEINC	0.00%	100.00%	145,532.2	163,823.3	147,573.8	145,532.2	163,823.3	147,573.8	-	-	-	-	-	-
901453926	CET-ET-TP-RN-642016	6420	High	12/1/2019	TR-SUBINC	0.00%	100.00%	2,676.1	670.0	670.0	2,676.1	670.0	670.0	-	-	-	-	-	-
801275175	CET-ET-TP-RN-642000	6420	High	2/1/2019	TR-LANDRGTINC	0.00%	100.00%	6,354.1	2,391.4	380.0	6,354.1	2,391.4	380.0	-	-	-	-	-	-
Total Specifics								226,226.4	168,381.7	150,773.1	226,226.4	168,381.7	150,773.1						
Total Incremental Plant Balance - West of Devers																			

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied. Includes Incentive LHFFU

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	2018 CWIP		2019 Total Expenditures		2020 Total Expenditures		2018 ISO CWIP Less Collectible		2019 ISO Expenditures Less Collectible		2020 ISO Expenditures Less Collectible	
								Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible
CET-ET-TP-RN-642001	Pre-Engineering (Morongo Transmission Relocation Project)	6420	High	5/1/2021	TR-LINEINC	0.00%	100.00%	65,534.8	0.2	-	65,534.8	0.2	-	-	-	-	-	-	-
CET-ET-TP-RN-642012	Devers Sub: Install 220kV Cbs & Dss	6420	High	10/1/2021	TR-SUBINC	0.00%	100.00%	3,141.4	51.6	849.2	3,141.4	51.6	849.2	-	-	-	-	-	-
CET-ET-TP-RN-642013	El Casco Sub: Install 220kV Terminal Equipment	6420	High	12/1/2019	TR-SUBINC	0.00%	100.00%	-	-	550.0	550.0	-	550.0	-	-	-	-	-	-
CET-ET-TP-RN-642014	Etiwanda Sub: Install 220kV Relay Equipment	6420	High	8/1/2019	TR-SUBINC	0.00%	100.00%	-	-	173.9	0.1	-	173.9	0.1	-	-	-	-	-
CET-ET-TP-RN-642015	San Bernardino : Install Disconnects	6420	High	8/1/2021	TR-SUBINC	0.00%	100.00%	4,813.9	895.1	750.0	4,813.9	895.1	750.0	-	-	-	-	-	-
CET-ET-TP-RN-642017	Rebuild Devers-El Casco & El Casco-San Bernardino 220kv	6420	High	5/1/2021	TR-LINEINC	0.00%	100.00%	145,532.2	163,823.3	147,573.8	145,532.2	163,823.3	147,573.8	-	-	-	-	-	-
CET-ET-TP-RN-642016	Vista Sub: Install Disconnects	6420	High	12/1/2019	TR-SUBINC	0.00%	100.00%	2,676.1	670.0	670.0	2,676.1	670.0	670.0	-	-	-	-	-	-
CET-ET-TP-RN-642000	Acquire Easements for West of Devers	6420	High	2/1/2019	TR-LANDRGTINC	0.00%	100.00%	6,354.1	2,391.4	380.0	6,354.1	2,391.4	380.0	-	-	-	-	-	-
Total Incentive CWIP Expenditures (Excludes OH)								226,226.4	168,381.7	150,773.1	226,226.4	168,381.7	150,773.1						

Colorado River Substation

Incentive Specifics Forecast
 Note: Incentive Specific

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	2018 CWIP		2019 Total Expenditures		2020 Total Expenditures		2018 ISO CWIP Less Collectible		2019 ISO Expenditures Less Collectible		2020 ISO Expenditures Less Collectible	
								Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible	Expenditures	Collectible
900603420	CET-ET-TP-RL-816900	8169	High	12/1/2021	TR-SUBINC	0.00%	100.00%	-	-	400.0	15,916.5	-	-	400.0	15,916.5	-	-	400.0	15,916.5
Total Specifics								-	-	-	-	-	-	-	-	-	-	-	-
Total Incremental Plant Balance - Colorado River Substation								-	-	-	-	-	-	-	-	-	-	-	-

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied. Includes Incentive LHFFU

WBS	WBS Description	Pin #	Voltage
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Calcite Southern (formerly Jasper; part of South

Incentive Specifics Forecast

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

West of Devers

Incentive Specifics Forecast

Note: Incentive Specific

WBS	WBS Description	Pin #	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
CET-ET-TP-RN-642001	Pre-Engineering (Morongo Transmission Relocation Project)	6420	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642012	Devers Sub: Install 220kV CBs, 6 Ds	6420	-	-	-	-	-	-	-	-	-	-	-	550
CET-ET-TP-RN-642013	El Casco Sub: Install 220kV Terminal Equipment	6420	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642014	Etwanda Sub: Install 220kV Relay Equipment	6420	-	-	-	-	-	-	-	-	174.0	-	-	-
CET-ET-TP-RN-642015	San Bernardino : Install Disconnects	6420	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642017	Rebuild Devers-El Casco & El Casco-San Bernardino 220kV	6420	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642016	Vista Sub: Install Disconnects	6420	-	-	-	-	-	-	-	-	-	-	-	3,346
CET-TP-TP-RN-642000	Acquire Easements for West of Devers	6420	-	6,392.8	13.4	535.0	535.0	550.0	35.0	35.0	25.0	25.0	25.0	574
Total Specifics			-	6,392.8	13.4	535.0	535.0	550.0	35.0	209.0	25.0	25.0	25.0	4,470.
Total Incremental Plant Balance - West of Devers			-	6,392.8	6,406.2	6,941.2	7,476.2	8,026.2	8,061.2	8,270.1	8,295.1	8,320.1	8,345.1	12,815.

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

WBS	WBS Description	Pin #	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
CET-ET-TP-RN-642001	Pre-Engineering (Morongo Transmission Relocation Project)	6420	-	-	0.2	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642012	Devers Sub: Install 220kV Cbs & Dss	6420	6.7	41.3	3.7	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642013	El Casco Sub: Install 220kV Terminal Equipment	6420	19.1	5.1	17.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	133
CET-ET-TP-RN-642014	Etwanda Sub: Install 220kV Relay Equipment	6420	0.0	0.1	0.0	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642015	San Bernardino : Install Disconnects	6420	51.3	22.9	35.7	40.5	40.5	40.5	40.5	160.0	190.0	170.5	17.5	85
CET-ET-TP-RN-642017	Rebuild Devers-El Casco & El Casco-San Bernardino 220kV	6420	23,900.8	12,122.9	21,101.9	12,696.0	13,546.0	12,546.0	14,546.0	11,987.1	11,036.1	13,036.1	9,187.1	8,117
CET-ET-TP-RN-642016	Vista Sub: Install Disconnects	6420	16.4	65.4	36.9	80.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	120
CET-ET-TP-RN-642000	Acquire Easements for West of Devers	6420	26.6	12.1	13.4	535.0	535.0	550.0	35.0	35.0	25.0	25.0	574	-
Total Incentive CWIP Expenditures (Excludes OH)			24,021.0	12,270.7	21,209.4	13,401.5	14,221.5	13,236.5	14,721.5	12,282.1	11,351.1	13,331.6	9,304.6	9,030.0

Colorado River Substation

Incentive Specifics Forecast

Note: Incentive Specific

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

WBS	WBS Description	Pin #	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
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Calcite Southern (formerly Jasper; part of South

Incentive Specifics Forecast

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

WBS	WBS Description	Pin #	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20		
CET-ET-1P-RN-690200	Calcite: LGIA Engineer and construct a new interconnection facility	6902									600.0	600.0	600.0	805.0		
	0	0														
	0	0														
	0	0														
	0	0														
	0	0														
Total Incentive CWIP Expenditures (Excludes OH)													600.0	600.0	600.0	805.0

West of Devers

Incentive Specifics Forecast

Note: Incentive Specific

WBS	WBS Description	Pin #	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
CET-ET-TP-RN-642001	Pre-Engineering (Morongo Transmission Relocation Project)	6420	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642012	Devers Sub: Install 220kV CBS & DSS	6420	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642013	El Casco Sub: Install 220kV Terminal Equipment	6420	20.0	20.0	50.0	100.0	100.0	20.0	20.0	20.0	20.0	20.0	60.0	100.0
CET-ET-TP-RN-642014	Etwanda Sub: Install 220kV Relay Equipment	6420	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642015	San Bernardino : Install Disconnects	6420	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642017	Rebuild Devers-El Casco & El Casco-San Bernardino 220kV	6420	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642016	Vista Sub: Install Disconnects	6420	30.0	30.0	60.0	100.0	100.0	30.0	30.0	30.0	30.0	30.0	100.0	100.0
CET-TP-TP-RN-642000	Acquire Easements for West of Devers	6420	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	40.0	40.0	30.0	30.0
Total Specifics		80.0	80.0	140.0	230.0	230.0	80.0	80.0	80.0	90.0	90.0	190.0	230.0	
Total Incremental Plant Balance - West of Devers		12,895.5	12,975.5	13,115.5	13,345.5	13,575.5	13,655.5	13,735.5	13,815.5	13,905.5	13,995.5	14,185.5	14,415.5	

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

WBS	WBS Description	Pin #	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
CET-ET-TP-RN-642001	Pre-Engineering (Morongo Transmission Relocation Project)	6420	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642012	Devers Sub: Install 220kV CBs & Dss	6420	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	79.2	70.0	70.0
CET-ET-TP-RN-642013	El Casco Sub: Install 220kV Terminal Equipment	6420	20.0	20.0	50.0	100.0	100.0	20.0	20.0	20.0	20.0	20.0	60.0	100.0
CET-ET-TP-RN-642014	Etwanda Sub: Install 220kV Relay Equipment	6420	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-642015	San Bernardino : Install Disconnects	6420	30.0	30.0	75.0	120.0	120.0	30.0	30.0	30.0	30.0	30.0	105.0	120.0
CET-ET-TP-RN-642017	Rebuild Devers-El Casco & El Casco-San Bernardino 220kV	6420	9,500.0	13,000.0	14,500.0	13,000.0	13,500.0	11,000.0	12,500.0	14,500.0	14,500.0	14,500.0	9,563.1	7,510.0
CET-ET-TP-RN-642016	Vista Sub: Install Disconnects	6420	30.0	30.0	60.0	100.0	100.0	30.0	30.0	30.0	30.0	30.0	100.0	100.0
CET-RP-TP-RN-642000	Acquire Easements for West of Devers	6420	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	40.0	40.0	30.0	30.0
Total Incentive CWP Expenditures (Excludes OH)		9,680.0	13,180.0	14,785.0	13,420.0	13,920.0	11,180.0	12,680.0	14,680.0	14,690.0	14,699.2	9,928.1	7,930.7	

Colorado River Substation

Incentive Specifics Forecast

Note: Incentive Specific

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

WBS	WBS Description	Pin #	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
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CET-ET-TP-RU-816900	Install 2nd AA Bank and expansion of the CRC RAS including N-1 of AA Bank	8169	High	12/1/2021	TR-SUBINC	0.00%	100.00%	-	400.0	15,916.5	-	400.0	15,916.5
0		0	Jan-00	1/0/1900	Jan-00	0.00%	0.00%	-	-	-	-	-	-
0		0	Jan-00	1/0/1900	Jan-00	0.00%	0.00%	-	-	-	-	-	-
0		0	Jan-00	1/0/1900	Jan-00	0.00%	0.00%	-	-	-	-	-	-
Total Incentive CWIP Expenditures (Excludes OH)								-	400.0	15,916.5	-	400.0	15,916.5

Whirlwind Substation Expansion Project

Incentive Specifics Forecast

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Note: Incentive CWIP is part of Rate B

Note: Incentive CWF is part of Rate Base as Expenditures are made, NO AFUDC is applied, includes incentive ENRFO

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	2019 Total Expenditures		2020 Total Expenditures		2018 ISO CWIP Less. Collectible		2019 ISO Expenditures. Less Collectible		2020 ISO Expenditures Less Collectible	
								2018 CWIP	-	-	2019 Total Expenditures	2020 Total Expenditures	2018 ISO CWIP Less. Collectible	2019 ISO Expenditures. Less Collectible	2020 ISO Expenditures Less Collectible		
CET-ET-TP-RL-769500	Install N60 relays to add generation to Whirlwind AA Bank SPS	7695	High	10/16/2017	TR-SUBINC	0.00%	100.00%	-	4.9	-	-	-	-	4.9	-	-	
CET-ET-TP-PN-765000	Whirlwind 3rd AA bank and SPS	7650	High	4/28/2017	TR-SUBINC	0.00%	100.00%	-	2.3	-	-	-	-	2.3	-	-	
0		0	0	Jan-00	1/0/1900	Jan-00	0.00%	0	-	-	-	-	-	-	-	-	
0		0	0	Jan-00	1/0/1900	Jan-00	0.00%	0	-	-	-	-	-	-	-	-	
Total Incentive CWIP Expenditures (Excludes OH)								-	7.1	-	-	-	-	7.1	-	-	

ELM Series Caps

Incentive Specifics Forecast

*Note: Incentive Specific
Projects are loaded for OH and
closed based on the specific
date*

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	2018 CWIP	2019 Total Expenditures	2020 Total Expenditures	2018 ISO CWIP Less	2019 ISO Expenditures	2020 ISO Expenditures Less
CET-ET-TP-RL-754600	ELMS: Real Properties Acquisition	7546	High	12/1/2021	TR-FEELANDING	0.00%	100.00%	29.9	325.8	1,737.0	29.9	225.8	1,737.0
CET-ET-TP-RL-754600	Eldorado Sub: Upgrade Terminal Equipment	7546	High	12/1/2021	TR-SUBINC	0.00%	100.00%	11,085.8	4,577.4	6,624.3	11,085.8	4,577.4	6,624.3
CET-ET-TP-RL-754601	Lugo Sub: Upgrade Terminal Equipment	7546	High	12/1/2021	TR-SUBINC	0.00%	100.00%	15,588.7	5,491.2	8,710.0	15,588.7	5,491.2	8,710.0
CET-ET-TP-RL-754604	Mohave Sub:Install Cbs, Disc.&series cap	7546	High	12/1/2021	TR-SUBINC	0.00%	100.00%	10,086.4	6,526.0	8,125.7	10,086.4	6,526.0	8,125.7
CET-ET-TP-RL-754603	Mid-Line Cap:Inst cap on Eldor Lugo T/L	7546	High	12/1/2021	TR-SUBINC	0.00%	100.00%	10,730.2	5,167.9	9,366.2	10,730.2	5,167.9	9,366.2
CET-ET-TP-RL-754605	Inst Eldo-Lug-Mhvne Series Caps at Ludlow	7546	High	12/1/2021	TR-SUBINC	0.00%	100.00%	11,310.8	5,150.0	9,320.7	11,310.8	5,150.0	9,320.7
CET-ET-TP-RL-754607	Eldorado-Mohave T/L: Install OPGW, splice	7546	High	12/1/2021	TR-LINEINC	0.00%	100.00%	1,361.0	2,576.9	2,387.9	1,361.0	2,576.9	2,387.9
CET-ET-TP-RL-754608	Lugo-Mohave T/L(CA): Install OPGW, splice	7546	High	12/1/2021	TR-LINEINC	0.00%	100.00%	3,458.6	7,103.4	6,191.5	3,458.6	7,103.4	6,191.5
CET-ET-TP-RL-754609	Lugo-Mohave T/L(IV): Install OPGW, splice	7546	High	12/1/2021	TR-LINEINC	0.00%	100.00%	263.1	451.1	351.0	263.1	451.1	351.0
CET-ET-TP-RL-754610	Eldorado-Lugo T/L(CA): Clear infractions	7546	High	12/1/2021	TR-LINEINC	0.00%	100.00%	1,273.4	1,169.2	2,172.7	1,273.4	1,169.2	2,172.7
1'CET-ET-TP-RL-754611	LADWP McCullough Substation	7546	High	12/1/2021	TR-LINEINC	0.00%	100.00%	-	-	10,477.0	-	-	10,477.0
Total Specifics								65,187.8	38,438.9	65,642.6	65,187.8	38,438.9	65,642.6

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CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

WBS	WBS Description	Pin #	Voltage	Forecast Date	Asset Class	Collectible %	ISO %	2018 CWIP		2019 Total Expenditures		2020 Total Expenditures		2018 ISO CWIP Less.		2019 ISO Expenditures.		2020 ISO Expenditures Less.	
								2018 CWIP	Total	Expenditures	2019 Total	Expenditures	Collectible	Less Collectible	2019 ISO Expenditures.	Less Collectible	2020 ISO Expenditures	Collectible	
CET-TP-PL-754600	ELMSC Real Properties Acquisition	7546	High	12/1/2021	TR-FEELANDINC	0.00%	100.00%	29.9	225.8	1,737.0	29.9	225.8			1,737.		6,624.		
CET-ET-PL-754600	Eldorado Sub: Upgrade Terminal Equipment	7546	High	12/1/2021	TR-SUBINC	0.00%	100.00%	11,085.8	4,577.4	6,624.3	11,085.8	4,577.4	5,491.2	5,491.2	11,085.8	4,577.4	8,710.		
CET-ET-PL-754600	Lugo Sub: Upgrade Terminal Equipment	7546	High	12/1/2021	TR-SUBINC	0.00%	100.00%	15,557.3	5,942.1	8,710.0	15,558.7	5,942.1	8,710.0	15,558.7	5,942.1	8,710.0	6,526.0		
CET-ET-PL-754600	Mohave Sub: Install Gbs, Disc.&series cap	7546	High	12/1/2021	TR-SUBINC	0.00%	100.00%	10,584.4	3,868.4	8,125.7	10,584.4	3,868.4	8,125.7	10,584.4	3,868.4	8,125.7	9,366.0		
CET-ET-PL-754600	Midway Cable cap on Eldor Lugo T/L	7546	High	12/1/2021	TR-SUBINC	0.00%	100.00%	10,730.2	3,567.9	9,366.0	10,730.2	3,567.9	9,366.0	10,730.2	3,567.9	9,366.0	5,147.9		
CET-ET-PL-TL-754605	Inst Edie-Lug Mohave T/L	7546	High	12/1/2021	TR-SUBINC	0.00%	100.00%	11,310.8	5,150.0	9,320.7	11,310.8	5,150.0	9,320.7	11,310.8	5,150.0	9,320.7	5,150.0		
CET-ET-PL-TL-754607	Eldorado-Mohave T/L: Install OPGW, splice	7546	High	12/1/2021	TR-LINEINC	0.00%	100.00%	1,361.0	2,576.9	2,387.9	1,361.0	2,576.9	2,387.9	1,361.0	2,576.9	2,387.9	2,576.9		
CET-ET-PL-TL-754608	Lugo-Mohave T/L(U/N): Install OPGW, splice	7546	High	12/1/2021	TR-LINEINC	0.00%	100.00%	3,458.6	7,103.4	6,191.5	3,458.6	7,103.4	6,191.5	3,458.6	7,103.4	6,191.5	6,191.5		
CET-ET-PL-TL-754609	Lugo-Mohave T/L(U/N): Install OPGW, splice	7546	High	12/1/2021	TR-LINEINC	0.00%	100.00%	263.1	451.1	531.0	263.1	451.1	531.0	263.1	451.1	531.0	451.1		
CET-ET-PL-TL-754610	Eldorado-Lugo T/L(CA): Clear infractions	7546	High	12/1/2021	TR-LINEINC	0.00%	100.00%	1,273.4	1,169.2	2,172.2	1,273.4	1,169.2	2,172.2	1,273.4	1,169.2	2,172.2	1,169.2		
1CET-ET-PL-TL-754611	LADWP McCulloch Substation	7546	High	12/1/2021	TR-LINEINC	0.00%	100.00%	-	-	-	-	-	-	-	-	-	10,477.0		
Total Incentive CWIP Expenditures (Excludes OH)								65,187.8	38,438.9	65,643.6	65,187.8	38,438.9					65,643.6		

Whirlwind Substation Expansion Proj

Incentive Specifics Forecast

Note: Incentive Specific

WBS	WBS Description	Pin #	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
CET-ET-TP-RL-769500	Install N60 relays to add generation to Whirlwind AA Bank SPS	7695	1.7	2.7	0.5	0.0	-	-	-	-	-	-	-	-
CET-ET-TP-RN-765000	Whirlwind 3rd AA bank and SPS	7650	0.1	-	2.1	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-
Total Specifics			1.8	2.7	2.6	0.0	-	-	-	-	-	-	-	-
Total Incremental Plant Balance - Whirlwind Substation Expansion Project			1.8	4.5	7.1									

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

WBS	WBS Description	Pin #	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
CET-ET-TP-RL-769500	Install N60 relays to add generation to Whirlwind AA Bank SPS	7695	1.7	2.7	0.5	0.0	-	-	-	-	-	-	-	-
CET-ET-TP-RN-765000	Whirlwind 3rd AA bank and SPS	7650	0.1	-	2.1	-	-	-	-	-	-	-	-	-
0		0	-	-	-	-	-	-	-	-	-	-	-	-
0		0	-	-	-	-	-	-	-	-	-	-	-	-
Total Incentive CWIP Expenditures (Excludes OH)			1.8	2.7	2.6	0.0	-	-	-	-	-	-	-	-

ELM Series Caps

Incentive Specifics Forecast

Note: Incentive Specific
 Projects are loaded for OH and
 closed based on the specific
 date

WBS	WBS Description	Pin #	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
CET-ET-TP-RL-754600	ELMSC Real Properties Acquisition	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-754600	Eldorado Sub: Upgrade Terminal Equipment	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-754601	Lugo Sub: Upgrade Terminal Equipment and	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-754604	Mohave Sub:Install CBL, Disc &Series cap	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-754603	Mid-Line Cap:Inst cap on Eldor Lugo T/L	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-754605	Inst Eldo-Lug-Mhive Series Caps at Ludlow	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-754607	Eldorado-Mohave T/L: Instl OPGW, splice	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-754608	Lugo-Mohave T/L(CA): Instl OPGW, splice	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-754609	Lugo-Mohave T/L(NV): Instl OPGW, splice	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RL-754610	Eldorado-Lugo T/L(CA): Clear infractions	7546	-	-	-	-	-	-	-	-	-	-	-	-
1' CET-ET-TP-RL-754611	LADWP McCullough Substation	7546	-	-	-	-	-	-	-	-	-	-	-	-
Total Specifics			-											
Total Incremental Plant Balance - ELM Series Caps			-											

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

WBS	WBS Description	Pin #	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
CET-RP-TP-RL-754600	ELMSC Real Properties Acquisition	7546	10.2	63.6	7.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	25.0
CET-ET-TP-RL-754600	Eldorado Sub: Upgrade Terminal Equipment	7546	136.3	134.0	139.0	94.0	325.2	195.6	1,911.2	222.0	223.0	855.0	248.0	
CET-ET-TP-RL-754601	Lugo Sub: Upgrade Terminal Equipment and	7546	108.6	160.6	524.4	18.0	220.0	989.8	133.3	66.4	2,475.1	714.0	32.0	49.0
CET-ET-TP-RL-754604	Mohave Sub:Install CBL, Disc &Series cap	7546	70.0	44.3	123.9	32.0	31.0	1,790.7	333.6	2,704.6	31.0	1,239.0	54.0	72.0
CET-ET-TP-RL-754603	Mid-Line Cap:Inst cap on Eldor Lugo T/L	7546	134.7	67.1	180.8	124.0	123.0	510.3	331.1	2,854.9	214.0	210.0	208.0	210.0
CET-ET-TP-RL-754605	Inst Eldo-Lug-Mhive Series Caps at Ludlow	7546	134.4	67.5	180.7	115.0	498.5	321.1	2,873.7	189.0	217.0	219.0	219.0	
CET-ET-TP-RL-754606	Eldorado-Lugo T/L(CA): Instl OPGW, splice	7546	(137.0)	5.3	88.4	8.0	211.3	33.0	451.6	272.3	12.0	1,620.0	12.0	
CET-ET-TP-RL-754608	Lugo-Mohave T/L(CA): Instl OPGW, splice	7546	(585.3)	7.2	184.2	23.0	22.0	524.2	375.5	1,160.6	728.0	20.0	4,590.0	54.0
CET-ET-TP-RL-754609	Lugo-Mohave T/L(NV): Instl OPGW, splice	7546	(16.9)	1.1	12.9	2.0	7.0	32.7	7.0	72.6	47.8	5.0	275.0	5.0
CET-ET-TP-RL-754610	Eldorado-Lugo T/L(CA): Clear infractions	7546	(318.9)	1.4	88.3	2.0	8.0	384.3	138.6	558.4	269.2	7.0	10.0	21.0
1' CET-ET-TP-RL-754611	LADWP McCullough Substation	7546	-	-	-	-	-	-	-	-	-	-	-	-
Total Incentive CWIP Expenditures (Excludes OH)			(444.0)	552.1	1,526.5	433.0	643.0	5,281.9	1,858.8	12,669.0	4,463.5	2,662.0	7,878.0	915.0

Whirlwind Substation Expansion Project

Incentive Specifics Forecast

Note: Incentive Specific

WBS	WBS Description	Pin #	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
CET-ET-TP-RN-769500	Install N60 relays to add generation to Whirlwind AA Bank SPS	7695	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-765000	Whirlwind 3rd AA bank and SPS	7650	-	-	-	-	-	-	-	-	-	-	-	-
Total Specifics			-	-	-	-	-	-	-	-	-	-	-	-
Total Incremental Plant Balance - Whirlwind Substation Expansion Project			7.1											

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

WBS	WBS Description	Pin #	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
CET-ET-TP-RN-769500	Install N60 relays to add generation to Whirlwind AA Bank SPS	7695	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-765000	Whirlwind 3rd AA bank and SPS	7650	-	-	-	-	-	-	-	-	-	-	-	-
0		0	-	-	-	-	-	-	-	-	-	-	-	-
0		0	-	-	-	-	-	-	-	-	-	-	-	-
Total Incentive CWIP Expenditures (Excludes OH)			-	-	-	-	-	-	-	-	-	-	-	-

ELM Series Caps

Incentive Specifics Forecast

Note: Incentive Specific
 Projects are loaded for OH and
 closed based on the specific
 date

WBS	WBS Description	Pin #	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
CET-ET-TP-RN-754600	ELMSC Real Properties Acquisition	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-754600	Eldorado Sub: Upgrade Terminal Equipment	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-754601	Lugo Sub: Upgrade Terminal Equipment and	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-754604	Mohave Sub:Install CBS, Disc &series cap	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-754603	Mid-Line Cap:Inst cap on Elder Lugo T/L	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-754605	Inst Eldo-Lug-Mhvne Series Caps at Ludlow	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-754607	Eldorado-Mohave T/L: Instl OPGW, splice	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-754608	Lugo-Mohave T/L(CA): Instl OPGW, splice	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-754609	Lugo-Mohave T/L(NV): Instl OPGW, splice	7546	-	-	-	-	-	-	-	-	-	-	-	-
CET-ET-TP-RN-754610	Eldorado-Lugo T/L(CA): Clear infractions	7546	-	-	-	-	-	-	-	-	-	-	-	-
1'CET-ET-TP-RN-754611	LADWP McCullough Substation	7546	-	-	-	-	-	-	-	-	-	-	-	-
Total Specifics			-	-	-	-	-	-	-	-	-	-	-	-
Total Incremental Plant Balance - ELM Series Caps			-	-	-	-	-	-	-	-	-	-	-	-

CWIP Incentive Expenditure Forecast

Note: Incentive CWIP is part of Rate Base as Expenditures are made, No AFUDC is applied, Includes Incentive LHFFU

WBS	WBS Description	Pin #	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
CET-RP-TP-RN-754600	ELMSC Real Properties Acquisition	7546	100.0	100.0	100.0	100.0	100.0	100.0	137.0	200.0	200.0	200.0	200.0	200.0
CET-ET-TP-RN-754600	Eldorado Sub: Upgrade Terminal Equipment	7546	633.0	1,909.2	720.9	1,244.0	262.0	322.0	205.0	206.0	216.0	334.0	303.9	268.3
CET-ET-TP-RN-754601	Lugo Sub: Upgrade Terminal Equipment and	7546	365.0	1,763.5	1,594.1	875.0	412.0	544.7	412.0	412.0	460.0	592.7	686.8	592.1
CET-ET-TP-RN-754604	Mohave Sub:Install CBS, Disc &series cap	7546	215.0	1,417.5	899.5	586.0	586.0	835.0	470.0	238.0	232.0	481.0	573.1	1,592.5
CET-ET-TP-RN-754603	Mid-Line Cap:Inst cap on Elder Lugo T/L	7546	277.0	1,361.6	755.1	323.0	377.0	580.5	366.0	366.0	366.0	569.5	1,598.5	2,426.0
CET-ET-TP-RN-754605	Inst Eldo-Lug-Mhvne Series Caps at Ludlow	7546	277.0	1,474.6	746.6	210.0	377.0	580.5	366.0	355.0	355.0	569.5	1,598.5	2,411.0
CET-ET-TP-RN-754606	Eldorado Sub: Upgrade Terminal Equipment	7546	26.0	50.0	324.2	132.0	132.0	296.2	341.0	120.0	144.0	305.2	279.8	160.6
CET-ET-TP-RN-754608	Lugo-Mohave T/L(CA): Instl OPGW, splice	7546	101.0	101.0	69.0	170.0	577.0	1,039.9	577.0	577.0	897.0	798.8	940.0	463.7
CET-ET-TP-RN-754609	Lugo-Mohave T/L(NV): Instl OPGW, splice	7546	20.0	17.0	55.3	45.3	35.0	60.7	35.0	32.0	35.0	60.7	98.5	36.5
CET-ET-TP-RN-754610	Eldorado-Lugo T/L(CA): Clear infractions	7546	29.0	28.0	539.8	235.0	236.0	248.3	123.0	122.0	123.0	165.3	190.9	131.8
1'CET-ET-TP-RN-754611	LADWP McCullough Substation	7546	100.0	100.0	120.0	620.0	4,797.0	620.0	620.0	620.0	620.0	620.0	820.0	820.0
Total Incentive CWIP Expenditures (Excludes OH)			2,143.0	8,579.2	6,514.7	4,540.3	7,891.0	5,229.8	3,452.0	3,269.0	3,335.0	4,696.8	7,090.2	9,102.6

Incentive Expenditures

Incentive CWIP Expenditures														
	<u>Month</u>	Total All Projects	Devers Colorado River (DCR)	Tehachapi Segments 1 - 3A	Tehachapi Segments 3B & 3C	Tehachapi Segments 4-11	Red Bluff Substation	Mesa	Alberhill	Calcite Southern (formerly Jasper; part of South of	West of Devers	Colorado River Substation	Whirlwind Substation Expansion	ELM Series Caps
Recorded Forecast	Dec-18	Expenditures	-	-	-	-	-	-	-	-	-	-	-	-
	Jan-19	Expenditures	28,644	-	-	2	142	-	4,790	105	24	24,021	2	2 (444)
	Feb-19	Expenditures	13,619	-	-	2	467	-	235	63	26	12,271	1	3 552
	Mar-19	Expenditures	23,214	-	-	1	528	-	(106)	33	16	21,209	4	3 1,526
	Apr-19	Expenditures	20,542	-	-	-	(56)	-	6,591	103	25	13,402	44	0 433
	May-19	Expenditures	22,706	-	-	-	219	-	7,486	68	25	14,222	44	- 643
	Jun-19	Expenditures	23,187	-	-	-	40	-	4,490	71	25	13,237	44	- 5,282
	Jul-19	Expenditures	27,027	-	-	-	133	-	10,180	65	25	14,722	44	- 1,859
	Aug-19	Expenditures	29,369	-	-	-	423	-	3,856	71	25	12,282	44	- 12,669
	Sep-19	Expenditures	31,037	-	-	-	523	-	14,566	65	25	11,351	44	- 4,463
	Oct-19	Expenditures	20,905	-	-	-	573	-	4,200	71	25	13,332	44	- 2,662
	Nov-19	Expenditures	24,856	-	-	-	423	-	7,138	44	25	9,305	44	- 7,878
	Dec-19	Expenditures	29,894	-	-	-	228	-	19,619	26	33	9,030	44	- 915
	Jan-20	Expenditures	22,858	-	-	-	-	-	9,644	65	-	9,680	1,326	- 2,143
	Feb-20	Expenditures	32,795	-	-	-	-	-	9,644	65	-	13,180	1,326	- 8,579
	Mar-20	Expenditures	32,335	-	-	-	-	-	9,644	65	-	14,785	1,326	- 6,515
	Apr-20	Expenditures	28,996	-	-	-	-	-	9,644	65	-	13,420	1,326	- 4,540
	May-20	Expenditures	32,846	-	-	-	-	-	9,644	65	-	13,920	1,326	- 7,891
	Jun-20	Expenditures	27,445	-	-	-	-	-	9,644	65	-	11,180	1,326	- 5,230
	Jul-20	Expenditures	27,167	-	-	-	-	-	9,644	65	-	12,680	1,326	- 3,452
	Aug-20	Expenditures	28,984	-	-	-	-	-	9,644	65	-	14,680	1,326	- 3,269
	Sep-20	Expenditures	29,460	-	-	-	-	-	9,644	65	600	14,690	1,326	- 3,135
	Oct-20	Expenditures	31,031	-	-	-	-	-	9,644	65	600	14,699	1,326	- 4,697
	Nov-20	Expenditures	28,654	-	-	-	-	-	9,644	65	600	9,928	1,326	- 7,090
	Dec-20	Expenditures	31,533	-	-	-	-	-	12,303	65	805	7,931	1,326	- 9,103

Incentive Closings

			Incentive Plant Closings											
	<u>Month</u>	Total All Projects	Devers Colorado River (DCR)	Tehachapi Segments 1 - 3A	Tehachapi Segments 3B & 3C	Tehachapi Segments 4-11	Red Bluff Substation	Mesa	Alberhill	Calcite Southern (formerly Jasper; part of South of	West of Devers	Colorado River Substation	Whirlwind Substation Expansion	ELM Series Caps
Recorded	Dec-18	Closings	-	-	-	-	-	-	-	-	-	-	-	-
Forecast	Jan-19	Closings	142	-	-	2	138	-	-	-	-	-	-	2
	Feb-19	Closings	6,842	-	-	2	445	-	-	-	6,393	-	-	3
	Mar-19	Closings	499	-	-	1	482	-	-	-	13	-	-	3
	Apr-19	Closings	479	-	-	(56)	-	-	-	-	535	-	-	0
	May-19	Closings	754	-	-	-	219	-	-	-	535	-	-	-
	Jun-19	Closings	1,797	-	-	-	40	-	1,207	-	550	-	-	-
	Jul-19	Closings	168	-	-	-	133	-	0	-	35	-	-	-
	Aug-19	Closings	632	-	-	-	423	-	0	-	209	-	-	-
	Sep-19	Closings	777	-	-	-	752	-	0	-	25	-	-	-
	Oct-19	Closings	598	-	-	-	573	-	0	-	25	-	-	-
	Nov-19	Closings	696	-	-	-	423	-	249	-	25	-	-	-
	Dec-19	Closings	8,312	-	-	-	228	-	3,613	-	4,470	-	-	-
	Jan-20	Closings	81	-	-	-	-	-	1	-	80	-	-	-
	Feb-20	Closings	81	-	-	-	-	-	1	-	80	-	-	-
	Mar-20	Closings	141	-	-	-	-	-	1	-	140	-	-	-
	Apr-20	Closings	231	-	-	-	-	-	1	-	230	-	-	-
	May-20	Closings	231	-	-	-	-	-	1	-	230	-	-	-
	Jun-20	Closings	81	-	-	-	-	-	1	-	80	-	-	-
	Jul-20	Closings	81	-	-	-	-	-	1	-	80	-	-	-
	Aug-20	Closings	81	-	-	-	-	-	1	-	80	-	-	-
	Sep-20	Closings	91	-	-	-	-	-	1	-	90	-	-	-
	Oct-20	Closings	91	-	-	-	-	-	1	-	90	-	-	-
	Nov-20	Closings	191	-	-	-	-	-	1	-	190	-	-	-
	Dec-20	Closings	43,140	-	-	-	-	-	42,910	-	230	-	-	-

Beginning CWIP Closed to Plant in Service

2016 CWIP Balances closed in Forecast Period														
	Month	Total All Projects	Devers Colorado River (DCR)	Tehachapi Segments 1 - 3A	Tehachapi Segments 3B & 3C	Tehachapi Segments 4-11	Red Bluff Substation	Mesa	Alberhill	Calcite Southern (formerly Jasper; part of South of	West of Devers	Colorado River Substation	Whirlwind Substation Expansion	ELM Series Caps
Recorded	Dec-18	Closings	-	-	-	-	-	-	-	-	-	-	-	-
Forecast	Jan-19	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Feb-19	Closings	6,354	-	-	-	-	-	-	-	6,354	-	-	-
	Mar-19	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Apr-19	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	May-19	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Jun-19	Closings	692	-	-	-	-	692	-	-	-	-	-	-
	Jul-19	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Aug-19	Closings	174	-	-	-	-	-	-	-	174	-	-	-
	Sep-19	Closings	156	-	-	-	156	-	-	-	-	-	-	-
	Oct-19	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Nov-19	Closings	213	-	-	-	-	213	-	-	-	-	-	-
	Dec-19	Closings	5,614	-	-	-	-	2,938	-	-	2,676	-	-	-
	Jan-20	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Feb-20	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Mar-20	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Apr-20	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	May-20	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Jun-20	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Jul-20	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Aug-20	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Sep-20	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Oct-20	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Nov-20	Closings	-	-	-	-	-	-	-	-	-	-	-	-
	Dec-20	Closings	16,523	-	-	-	-	-	16,523	-	-	-	-	-

Expenditures

Mesa: Non-ISO portion to be removed

Date	Upgrade Mesa from a 230			SCE 50% MWD Water Line Relocation			ACQ Mesa 500kV Substation/MPO			Total
	Charges	ISO %	Non-ISO	Charges	ISO %	Non-ISO	Charges	ISO %	Non-ISO	
Jan-19	3,822.2	50.74%	1,882.8	-	72.00%	-	-	89.00%	-	1,882.8
Feb-19	4,844.2	50.74%	2,386.3	-	72.00%	-	-	89.00%	-	2,386.3
Mar-19	(882.0)	50.74%	(434.5)	-	72.00%	-	-	89.00%	-	(434.5)
Apr-19	9,418.8	50.74%	4,639.7	-	72.00%	-	-	89.00%	-	4,639.7
May-19	6,862.1	50.74%	3,380.3	-	72.00%	-	-	89.00%	-	3,380.3
Jun-19	5,596.6	50.74%	2,756.9	-	72.00%	-	-	89.00%	-	2,756.9
Jul-19	4,991.5	50.74%	2,458.8	-	72.00%	-	-	89.00%	-	2,458.8
Aug-19	1,783.4	50.74%	878.5	-	72.00%	-	-	89.00%	-	878.5
Sep-19	1,661.3	50.74%	818.4	-	72.00%	-	-	89.00%	-	818.4
Oct-19	1,661.3	50.74%	818.4	-	72.00%	-	-	89.00%	-	818.4
Nov-19	1,661.3	50.74%	818.4	-	72.00%	-	-	89.00%	-	818.4
Dec-19	22,632.8	50.74%	11,148.9	-	72.00%	-	-	89.00%	-	11,148.9
Jan-20	1,353.7	50.74%	666.8	-	72.00%	-	-	89.00%	-	666.8
Feb-20	1,353.7	50.74%	666.8	-	72.00%	-	-	89.00%	-	666.8
Mar-20	1,353.7	50.74%	666.8	-	72.00%	-	-	89.00%	-	666.8
Apr-20	1,353.7	50.74%	666.8	-	72.00%	-	-	89.00%	-	666.8
May-20	1,353.7	50.74%	666.8	-	72.00%	-	-	89.00%	-	666.8
Jun-20	1,353.7	50.74%	666.8	-	72.00%	-	-	89.00%	-	666.8
Jul-20	1,353.7	50.74%	666.8	-	72.00%	-	-	89.00%	-	666.8
Aug-20	1,353.7	50.74%	666.8	-	72.00%	-	-	89.00%	-	666.8
Sep-20	1,353.7	50.74%	666.8	-	72.00%	-	-	89.00%	-	666.8
Oct-20	1,353.7	50.74%	666.8	-	72.00%	-	-	89.00%	-	666.8
Nov-20	1,353.7	50.74%	666.8	-	72.00%	-	-	89.00%	-	666.8
Dec-20	1,353.7	50.74%	666.8	-	72.00%	-	-	89.00%	-	666.8

Southern California Edison Company
 Incentive CWIP - FERC Projects Detail

Month	TRTP All Segments	DCR	South of Kramer	West of Devers	Red Bluff	Whirlwind	Colorado River	Mesa	Alberhill	Eldorado-Lugo-Mohave	Rancho Vista	Total
Dec-17	150,976	-	4,884,728	98,805,812	-	-	-	46,589,551	-	-	-	150,431,067
Jan-18	151,684	-	4,899,846	99,567,836	-	-	-	52,872,088	19,158,216	37,337,194	-	213,986,863
Feb-18	153,628	-	4,921,435	102,282,632	-	-	-	60,403,301	19,209,869	37,662,041	-	224,632,907
Mar-18	154,987	-	4,936,884	107,378,631	-	-	-	67,699,424	19,263,257	47,972,163	-	247,405,346
Apr-18	155,433	-	4,968,064	118,470,455	-	-	-	74,865,328	19,494,339	48,828,868	-	266,782,488
May-18	155,433	-	5,026,303	124,193,405	-	-	-	81,351,559	19,590,062	50,069,337	-	280,386,099
Jun-18	155,511	-	5,028,631	129,989,497	-	-	-	84,101,356	19,640,938	50,519,065	-	289,434,998
Jul-18	155,511	-	5,045,582	137,885,131	-	-	-	87,696,225	19,733,199	50,936,029	-	301,451,678
Aug-18	155,511	-	5,082,399	149,188,735	-	-	-	96,053,875	19,787,598	51,581,083	-	321,849,201
Sep-18	155,511	-	5,110,295	166,117,122	-	-	-	95,968,190	19,827,433	51,960,707	-	339,139,258
Oct-18	155,511	-	5,136,619	194,064,737	-	-	-	108,480,754	19,881,323	52,396,221	-	380,115,165
Nov-18	155,511	-	5,173,051	212,063,571	-	-	-	113,377,826	19,925,080	55,474,492	-	406,169,532
Dec-18	156,282	-	5,220,452	228,226,372	-	-	-	123,208,374	20,101,220	65,187,847	-	442,100,547
13 Mo. Avg	154,730	-	5,033,407	143,710,303	-	-	-	84,051,373	18,124,041	46,148,081	-	297,221,934

SCHEDULE 11

PHFFU

WORKPAPERS

PHFU

As of 12/31/2018

	<u>GL balance</u>	<u>Alberhill</u>	<u>Other</u>
ISO %	30,786,587	15,781,292	15,005,295
ISO PHFU	9,942,155	9,942,155	-

Alberhill Substation 800063633

Estm Date 10-07-10

FERC Units of Property

353.607 Arrester, Lightning 500kV (Stl Support)	\$ 389,700
353.614 Gas Insulated Switchgear (GIS)	\$ 48,957,500
353.615 Power Cable	\$ 562,200
353.616 Bus, Support Struct (Steel/Fdn), High Side	\$ 3,443,200
353.617 Bus, High Side	\$ 109,300
353.618 Relays & Meters, Line Pos	\$ 825,300
353.620 Switch, Disconnect 16kV (Stl Support)	\$ 8,000
353.631 Conduit	\$ 461,100
353.637 Grounding, Station System	\$ 464,600
353.638 Foundation, Misc High Side	\$ 185,500
353.663 Coupling Capacitor 500kV (Stl Support/Fdn)	\$ 316,400
353.668 Trenches, Control	\$ 560,800
FERC Total	\$ 56,283,600

63%

CPUC Units of Property

353.802 Ground Bank (Stl Support/Fdn)	\$ 55,100
353.803 Transformer, Power	\$ 200,000
353.803 Transformer, Power 500/115kV	\$ 15,993,200
353.807 Arrester, Lightning 12kV (Stl Support)	\$ 43,500
353.807 Arrester, Lightning 115kV (Stl Support)	\$ 397,600
353.807 Arrester, Lightning 500kV (Stl Support)	\$ 401,600
353.810 Potential Transformer (Stl Support/Fdn)	\$ 74,900
353.810 Potential Transformer (Stl Support/Fdn)	\$ 188,800
353.811 Current Transformer (Stl Support)	\$ 61,800
353.815 Power Cable	\$ 609,300
353.815 Control Cable	\$ 1,052,400
353.816 Bus Support Struct (Steel/Fdn)	\$ 1,408,200
353.816 Bus Support Struct (Steel/Fdn), High Side	\$ 1,693,300
353.816 Bus Support Struct (Steel/Fdn), Bank	\$ 224,500
353.816 Bus Support Struct (Steel/Fdn), Low Side	\$ 55,600
353.817 Bus	\$ 274,900
353.817 Bus, High Side	\$ 1,009,700
353.817 Bus, Bank	\$ 746,200
353.818 Relays & Meters, Line Pos	\$ 19,200
353.818 Relays & Meters, Bank	\$ 718,200
353.818 Relays & Meters, Bus Par Pos	\$ 507,700
353.820 Switch, Disconnect 12kV (Stl Support)	\$ 164,600
353.820 Switch, Disconnect 115kV (Stl Support)	\$ 1,593,800
353.822 Fences & Enclosures - Inside Sub	\$ 269,000
353.825 Circuit Breaker/Switcher 12kV	\$ 310,400
353.825 Circuit Breaker/Switcher 115kV	\$ 190,300
353.825 Circuit Breaker/Switcher 115kV	\$ 3,050,800
353.828 Power/Lighting System - Equipment	\$ 9,800
353.830 Reactor/Resistor	\$ 651,700
353.831 Conduit	\$ 129,600
353.835 Capacitor Bank 115kV	\$ 222,100
353.837 Grounding, Station System	\$ 507,600
353.838 Foundation, Misc.	\$ 479,400
353.838 Foundation, Misc. Bank	\$ 85,700
353.838 Foundation, Misc. High Side	\$ 184,100
353.845 Fuse Assembly HV	\$ 32,400
353.868 Trenches	\$ 91,600
CPUC Total	\$ 33,708,600

37%

FERC & CPUC Total

\$ 89,992,200

Electrical Common Only

352.001 Substructure	\$ 262,600
352.002 Superstructure	\$ 5,389,800
352.046 Instrusion Alarm System	\$ 1,005,000
352.075 Power/Lighting System - Inside	\$ 376,400
352.105 Yard Drainage System	\$ 14,900
352.106 Oil Diversion/Containment System	\$ 1,488,900
352.140 Fence/Wall Perimeter	\$ 7,900
352.165 Paving	\$ 39,200
352.175 Landscaping	\$ 14,900
353.130 Fault Recorder	\$ 214,200
353.168 Trenches, Power	\$ 3,705,900
353.168 Trenches, Control	\$ 1,942,500
353.214 Supervisory Control Unit	\$ 119,100
353.425 Power/Lighting System - Equipment	\$ 360,400
353.430 Conduit	\$ 6,700
353.435 Cable Trays	\$ 110,200
353.500 DC Supply System	\$ 12,200
353.505 Storage Battery Charger	\$ 13,600
353.610 DC Generator Set	\$ 202,300
	\$ 15,286,700 Common total

Sitework Common Only

Alberhill Substation 800063633

Common Electrical	\$ 15,286,700	Not Included in Percentage Split (new substation)
Common Sitework	\$ 10,372,600	Not Included in Percentage Split (new substation)
CPUC Units of Property	\$ 33,708,600	37%
FERC Units of Property	\$ 56,283,600	63%
Total Loaded Cost	\$ 115,651,500	100%

Estimate date 10/07/10

SCHEDULE 13

WORKING CAPITAL

WORKPAPERS

1) M&S 9154000

Balance Display: G/L Accounts For the Ledger OL					
Document Currency		Document Currency		Document Currency	
Account Number		9154000		Plant Mat'l Op Supp	
Company Code		2001		Southern CA Edison	
to		2002		Edison Material Supply	
Fiscal Year		2018			
<input type="checkbox"/> Display More Chars					
All Documents in Currency		* Display Currency		USD	Company code currency
     					
Period	Debit	Credit	Balance	Cum. balance	
Bal.Carryfor...				238,006,740.56	
1	176,983.75	879,576.70	702,592.95-	237,304,147.61	
2	3,297,241.57	760,356.40	2,536,885.17	239,841,032.78	
3	4,777,607.04	458,984.00	4,318,623.04	244,159,655.82	
4	3,179,312.73		3,179,312.73	247,338,968.55	
5	6,324,195.08	1,531,767.26	4,792,427.82	252,131,396.37	
6	19,530.65	1,021,261.69	1,001,731.04-	251,129,665.33	
7	2,692,612.17		2,692,612.17	253,822,277.50	
8	3,530,411.78	58,236.78	3,472,175.00	257,294,452.50	
9	2,949,800.11	322,766.62	2,627,033.49	259,921,485.99	
10	5,546,258.56		5,546,258.56	265,467,744.55	
11	5,778,665.50	914,720.42	4,863,945.08	270,331,689.63	
12	9,590,020.58	255,686.18	9,334,334.40	279,666,024.03	
13				279,666,024.03	
14				279,666,024.03	
15				279,666,024.03	
16				279,666,024.03	
Total	47,862,639.52	6,203,356.05	41,659,283.47	279,666,024.03	

2. Prepayments- 9165000

Balance Display: G/L Accounts For the Ledger OL							
<input type="checkbox"/> Document Currency		<input type="checkbox"/> Document Currency		<input type="checkbox"/> Document Currency <input type="checkbox"/> Individual Account			
Account Number		9165000	Prepayments				
Company Code		2001	Southern CA Edison				
to		2002	Edison Material Supply				
Fiscal Year		2018					
<input type="checkbox"/> Display More Chars		*	Display Currency		USD		
All Documents in Currency		*	Display Currency		Company code currency		
Period	Debit	Credit	Balance	Cum. balance			
Bal.Carryfor...				227,852,642.54			
1	377,506.33	25,008,103.79	24,630,597.46-	203,222,045.08			
2	866,357.63	11,698,973.33	10,832,615.70-	192,389,429.38			
3	11,478,628.57	39,679,954.45	28,201,325.88-	164,188,103.50			
4	32,882,082.87	26,621.82	32,855,461.05	197,043,564.55			
5	35,716.35	19,410,833.79	19,375,117.44-	177,668,447.11			
6	84,715,382.01	7,280,823.02	77,434,558.99	255,103,006.10			
7	124,597.74	7,274,573.75	7,149,976.01-	247,953,030.09			
8	78,929.47	30,265,432.32	30,186,502.85-	217,766,527.24			
9	4,191,460.07	40,706,796.27	36,515,336.20-	181,251,191.04			
10	355,407.73	28,916,980.44	28,561,572.71-	152,689,618.33			
11	34,680,348.14	212,526.10	34,467,822.04	187,157,440.37			
12	25,299,840.01	81,476,465.09	56,176,625.08-	130,980,815.29			
13	13,373,130.80		13,373,130.80	144,353,946.09			
14				144,353,946.09			
15				144,353,946.09			
16				144,353,946.09			
Total	208,459,387.72	291,958,084.17	83,498,696.45-	144,353,946.09			

	M&S	Prepayments
Dec-17	238,006,741	227,852,643
Jan-18	237,304,148	203,222,045
Feb-18	239,841,033	192,389,429
Mar-18	244,159,656	164,188,104
Apr-18	247,338,969	197,043,565
May-18	252,131,396	177,668,447
Jun-18	251,129,665	255,103,006
Jul-18	253,822,278	247,953,030
Aug-18	257,294,453	217,766,527
Sep-18	259,921,486	181,251,191
Oct-18	265,467,745	152,689,618
Nov-18	270,331,690	187,157,440
Dec-18	279,666,024	144,353,946

SCHEDULE 16

**SUMMARY OF ISO CAPITAL EXPENDITURES
NON-INCENTIVE PROJECTS**

WORKPAPERS

Summary of ISO Capital Expenditure Forecast - Non-Incentive Projects
(\$000)

PIN	Project Title	C-WBS	Order #	Voltage	OD	High/Low				Project Total (ISO & non-ISO)			ISO Portion		
						Prior	2019	2020	Total	Prior	2019	2020	Total	Prior	2019
Non-Incentive Transmission Projects includes Direct Installation and Removal Expenditures, but excludes any C-WBS or Order # with 0% ISO.															
Other Transmission															
07059	Red Bluff Substation (NU): Install a Breaker-and-a-Half Configuration to terminate the Ali	CET-ET-TP-RN-705900	900346247	High	Aug-20	1,047	194	400	1,641	1,047	194	400	1,641		
07227	Inyo Substation: Replace Inyo phase shifter and new hybrid circuit breaker.Inst	CET-ET-CR-WC-722702	902379073	Low	Aug-20	53	599	4,762	5,414	53	599	4,762	5,414		
07227	Control: Install two (2) N60 relays	CET-ET-TP-RN-722700	902448105	Low	Jun-20	-	23	70	93	-	23	70	93		
07227 Total Casa Diablo IV Interconnection Project						53	621	4,832	5,507	53	621	4,832	5,507		
07756	Whirlwind Sub (POS): Equip one (1) 220 kV position to terminate the Rattlesnake-Whirlw	CET-ET-TP-RN-775602	901458993	High	Nov-18	-	42	-	42	-	42	-	42		
07775	Whirlwind Substation (NU): Equip one (1) 220 kV position to terminate the Desert Flower	CET-ET-TP-RN-777500	901515853	High	Jul-18	72	5	-	77	72	5	-	77		
07903	Lugo Substation: Expand High Desert Power Plant (HDPP) SPS 1. Eight (8) G.E. N60 logic pri	CET-ET-CR-WC-790301	902236314	High	Jun-20	-	10	262	273	-	10	262	273		
07903	Victor Substation: Expand High Desert Power Plant (HDPP) SPS 1. Eight (8) G.E. N60 logic pri	CET-ET-CR-WC-790301	902236315	High	Jun-20	-	10	262	273	-	10	262	273		
07903 Total Ord Mountain Project (TOT438/Q552) Project						-	21	524	545	-	21	524	545		
08078	Antelope (RNU): Install (2) N60 relays	CET-ET-CR-WC-807802	902220556	High	Nov-19	13	22	24	58	13	22	24	58		
08078	Antelope Sub (RNU) - Power System Control. Expand existing RTU at SCE Antelope Substat	CET-ET-CR-WC-807803	902220557	High	Sep-19	8	24	24	55	8	24	24	55		
08078 Total Antelope 500/230 kV (T) Install Interconnection Facilities Project						21	45	47	114	21	45	47	114		
08081	Colorado River Sub (RNU): Install one (1) 220kV line position which includes the following equi	CET-ET-TP-RN-808100	902286854	High	May-20	26	951	909	1,887	26	951	909	1,887		
08081	Colorado River Sub (RNU) - Install two (2) GE N60 logic processing relays or equivalent succe	CET-ET-TP-RN-808101	902286855	High	Dec-20	0	28	114	143	0	28	114	143		
08081	Colorado River (RNU) - ground grid study for interconnection	CET-ET-TP-RN-808102	902286856	High	Dec-20	-	-	41	41	-	-	41	41		
08081 Total Arlington Solar Project (TOT781/Q1196) Project						26	980	1,065	2,071	26	980	1,065	2,071		
08088	Eldorado: Install facil. for switchrack	CET-ET-LG-AF-808800	902245555	High	May-20	294	2,500	11,884	14,678	294	2,500	11,884	14,678		
08088	Eldorado-Harry Allen (Cust):Install 1 span	CET-ET-AF-CF-808800	902245556	High	May-20	99	75	115	289	99	75	115	289		
08088 Total Harry Allen - Eldorado 500kV Transmission Line Project						393	2,575	11,999	14,967	393	2,575	11,999	14,967		
08090	Bob Switch - Eldorado T/L: Install one transmission structure with two (2) spans from the SCE c	CET-ET-AF-CF-809000	902249126	High	Jul-19	240	1,832	-	2,072	240	1,832	-	2,072		
08090	Eldorado Substation (NU): install the following equipment on a dedicated 220kV double breaka	CET-ET-LG-AF-809000	902249125	High	Jun-19	528	5,385	-	5,913	528	5,385	-	5,913		
08090 Bob Switch to Eldorado 220 kV Interconnection						768	7,217	-	7,985	768	7,217	-	7,985		
08107	Kramer Substation (RNU): a. Engineer and construct one (1) 220 kV line position, which	CET-ET-CR-WC-810701	902342409	High	Aug-20	12	0	670	683	12	0	670	683		
08139	Colorado River Sub (RNU):1. Engineer and construct one (1) 220kV line position	CET-ET-TP-RN-813901	902409112	High	Jun-20	61	25	66	152	61	25	66	152		
08139	Colorado River Sub (RNU) - Install two (2) GE N60 logic processing relays or equ	CET-ET-TP-RN-813902	902409115	High	Jun-20	0	1	68	69	0	1	68	69		
08139 Total Quartz 3 Solar Project (TOT670/Q970) Project						62	26	134	222	62	26	134	222		
Total Other Transmission						2,454	11,727	19,672	33,853	2,454	11,727	19,672	33,853		

TSP Projects

05383	Chino 220/66kV - Add a 4th 280MVA, 220/66kV Transformer Bank and Split the Chino 66k	CET-ET-LG-TS-538303	901191112	High	Oct-19	3,513	2,439	563	6,515	1,230	854	197	2,280		
06824	La Fresa Sub (Phase 2): Install new MEER and cut over existing protection and upgrade CTs on existing banks. Upgrade SAS from 5.5 to 6X.	CET-ET-LG-TS-682400	900522611	High	Nov-19	27,041	3,055	-	30,097	10,005	1,131	-	11,136		
07113	El Nido: Install 230 kV (63 kA) double breakers on No. 1 A bank at position 3 and No. 3A	I CET-ET-LG-TS-711300	901241164	High	Jun-18	-	10	-	10	-	10	-	10		
07834	Bailey Sub: Install a 28.8 MVAR Cap	CET-ET-LG-TS-783400	901618623	Low	Jun-18	-	0	-	0	-	0	-	0		
Total TSP Projects						30,555	5,505	563	36,622	11,235	1,995	197	13,427		

Transmission Project Reliability

07112	Devers: Equip the 230 KV A-Bank positions (3 & 4) with circuit breakers	CET-ET-TP-RL-711200	900305114	High	Dec-18	-	12	-	12	-	12	-	12		
07518	Springville Sub: Redesign high side feed from bank on bus to double CB at 220kV positi	CET-ET-TP-RL-751800	901007168	High	Aug-19	7,523	1,902	-	9,424	6,018	1,521	-	7,539		
07119	Walnut: Convert the Mesa 220 KV Line Position and 3A & 4A Bank High Side Positions	CET-ET-TP-RL-711900	900772538	High	May-19	10,802	1,278	-	12,080	4,429	524	-	4,953		
07790	Eagle Mountain Substation: Install a 45 MVAR tertiary reactor (effective 34 MVAR @ 12 k	CET-ET-TP-RL-779000	901552346	High	Dec-18	-	24	-	24	-	24	-	24		
07547	Eldorado: Engineer, remove and install equipment for changing the 500kV line pos for the Eldorado-Mohave & Eldorado-Moenkopi lines.	CET-ET-TP-RL-754700	901107340	High	Jun-18	-	26	-	26	-	26	-	26		
07547	Eldorado-Mohave 500kV: Remove two (2) existing transmission structures. Install three (3) nev	CET-ET-TP-RL-754701	901107560	High	Jun-18	7,169	37	-	7,206	7,169	37	-	7,206		
07547	Eldorado-Moenkopi 500 kV: Remove one (1) existing transmission structure. Install one (1) nev	CET-ET-TP-RL-754702	901107562	High	Jun-18	4,223	37	-	4,260	4,223	37	-	4,260		
07547 Total Eldorado-Mohave and Eldorado-Moenkopi 500kV Line Position Swap						11,391	100	-	11,491	11,391	100	-	11,491		
07727	Inyokern Substation: Expand existing MEER at Inyokern Substation.	CET-ET-TP-RL-772700	901394462	Low	Aug-20	5	1,103	1,665	2,773	2	408	616	1,026		
07727	Control Substation: Install 12 (12) N60 relays, one (1) satellite clock, and two (2) ethernet switcl	CET-ET-TP-RL-772701	901394533	Low	Oct-20	40	358	930	1,328	34	308	800	1,142		

Summary of ISO Capital Expenditure Forecast - Non-Incentive Projects

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PIN	Project Title	C-WBS	Order #	Voltage	OD	High/Low				Project Total (ISO & non-ISO)				ISO Portion			
						Prior	2019	2020	Total	Prior	2019	2020	Total	Prior	2019	2020	Total
07727	Kramer Substation Install six (6) N60 relays and one (1) satellite clock. Add points to existing RTU. Program and test RAS.	CET-ET-TP-RL-772704	901394536	High	Dec-20	8	89	351	447	6	69	274	349				
07727 Total Digital 395 Project: North-of-Kramer Area Telecom Network and RAS Upgrades						53	1,550	2,946	4,548	42	785	1,690	2,517				
07763	Lugo 500/220 kV: Install two N60 relays Install one ethernet switch Install one satellite switch PSC- RTU Point additions at Lugo PSC-Modify Lugo-Victorville SPS program and test	CET-ET-TP-RN-776301	901484303	High	Aug-16	-	1	-	1	-	0.5	-	1				
07763	Eldorado-Lugo 500 kV line: CA side - Install 85 miles of new OPGW between CA/NV border an CET-ET-TP-RN-776304	901665563	901665563	High	Oct-19	4,206	181	6,600	10,987	4,206	181	6,600	10,987				
07763	Eldorado-Lugo 500 kV line: NV Side -Install 2 miles of new OPGW between CA/NV border and CET-ET-TP-RN-776305	901665564	901665564	High	Dec-19	454	13	40	507	454	13	40	507				
07763	Pisgah Sub: Install new telecommunication room.	CET-ET-TP-RL-776300	901671834	High	Dec-18	25	1	-	26	25	1	-	26				
07763	Mohave: Instal(2)Relays and (2) Switches	CET-ET-TP-RN-776302	901484315	High	Oct-19	109	20	130	259	109	20	130	259				
07763	Lugo Sub: Install new control cables	CET-ET-TP-RN-776307	902249120	High	Dec-19	17	30	60	107	17	30	60	107				
07763	Eldorado Sub: Install N60 relays; ethernet switch; and satellite switch	CET-ET-TP-RN-776300	901483656	High	Dec-19	-	1	-	1	-	1	-	1				
07763	Eldorado: Install necessary equipment to support N-2 monitoring of Eldorado-Lugo 500 kV and CET-ET-TP-RN-776308	902249121	902249121	High	Dec-19	15	-	12	27	15	-	12	27				
07763 Total Lugo-Victorville 500 kV SPS						4,826	246	6,842	11,914	4,826	246	6,842	11,914				
07645 Loop Kramer-Lugo 230 kV #1 & #2 lines into Victor substation		CET-ET-TP-RL-764500	901254013	High	Nov-17	-	4	-	4	-	4	-	4				
07806 Kramer Substation: Install two (2) tertiary bank reactors, 45MVAR each (1A and 2A banks)		CET-ET-TP-RL-780600	901580758	High	Dec-17	-	3	-	3	-	3	-	3				
07120	Chino Sub: equip the No.1A 220kV A-Bank positions with circuit breakers	CET-ET-TP-RL-712000	900713964	High	Dec-20	33,938	1,524	3,547	39,009	22,060	991	2,305	25,356				
07120	Mira Loma Sub: Upgrade 220 kV line protection for compatibility with associated SAS	CET-ET-TP-RL-712002	901573514	High	Feb-19	203	146	-	349	203	146	-	349				
07120	Serrano Sub: Upgrade 220 kV line protection for compatibility with associated SAS protection upgrades at Chino Substation	CET-ET-TP-RL-712003	901192472	High	Aug-19	232	61	-	293	232	61	-	293				
07120 Total Chino 220/66 kV Bank on Circuit Breaker Project						34,373	1,732	3,547	39,651	22,495	1,198	2,305	25,998				
07884	Tap the remaining Lightipe 220kV line to Harbogen substation	CET-ET-TP-RL-788402	901822249	High	Nov-19	507	35	32	574	507	35	32	574				
07884	Harbogen-Lng Bch 220kV: Remove 1 mile of line (<u>REMOVAL ONLY</u>)	CET-ET-TP-RL-788400	901822245	High	Jan-19	1,968	878	300	3,146	1,968	878	300	3,146				
07884	Lightipe-Lng Bch 220kV: Remove 1 mile of line (<u>REMOVAL ONLY</u>)	CET-ET-TP-RL-788401	901822246	High	Jan-19	2,422	3,043	13,345	18,810	2,422	3,043	13,345	18,810				
07884	Long Beach Sub: Remove 220kV switchyard	CET-ET-TP-RL-788403	901822250	High	Sep-19	2,108	283	201	2,592	2,108	283	201	2,592				
07884 Total Cerritos Channel Relocation Project						7,005	4,239	13,878	25,122	7,005	4,239	13,878	25,122				
08019	CONTROL-SILVER PEAK "A" 55KV Install 11 sets of Remote Fault Indicators (RFIs), including CET-ET-TP-RL-801900	TD1269146	TD1269146	Low	Oct-18	196	151	-	347	196	151	-	347				
08019	CONTROL-SILVER PEAK "C" 55KV Install 11 sets of Remote Fault Indicators (RFIs), including CET-ET-TP-RL-801902	TD1269499	TD1269499	Low	Oct-18	122	1	-	122	122	1	-	122				
08019 Total Control-Silver Peak "A" Transmission Project						318	152	-	469	318	152	-	469				
06791 Lugo 500 kV Substation breaker installation for No. 1AA & No. 2AA banks		CET-ET-TP-RL-679100	800308934	High	Jul-19	5,256	50	100	5,406	5,256	50	100	5,406				
07115 Johanna:Install double breakers on 3A+4A		CET-ET-TP-RL-711500	902067053	High	May-20	2,230	243	1,571	4,043	1,828	199	1,288	3,315				
07116 Villa Park: Equip the existing No. 2A bank currently connected to 220 kV position 4 South bus with double breaker configuration		CET-ET-TP-RL-711600	900645440	High	May-16	-	4	-	4	-	4	-	4				
07241 Eldorado: Install (2) 500 kV CBs, (3) 500 kV gang operated disconnects and other associated equipment to terminate the 3 AA bank to the number 3 position on the		CET-ET-TP-RL-724100	900713966	High	Jun-16	-	4	-	4	-	4	-	4				
07248 New 500/230 kV AA-Bank at Eldorado Connected to the New 220 kV SCE Owned Switchy		CET-ET-TP-RN-724800	900692364	High	Oct-15	-	25	-	25	-	25	-	25				
07511 Antelope-Pardee 500kV: Install Marker Balls and Lighting per FAA requirements		CET-PD-OT-LM-751101	900719387	High	Dec-19	3,244	(0)	-	3,243	3,244	3,244	(0)	3,243				
06420	Devers Sub: Remove 220 kV CBs and Disconnect Switches	CET-ET-TP-RN-642007	901455361	High	Jan-20	94	-	30	124	94	-	30	124				
06420	Vista Sub: Remove 220 kV Disconnect Switches	CET-ET-TP-RN-642011	901455365	High	Dec-19	49	30	30	109	49	30	30	109				
06420	Westof Devers 220 kV Trans Line Removals	CET-ET-TP-RN-642018	901460766	High	Dec-19	1,806	6,500	4,000	12,306	1,806	6,500	4,000	12,306				
06420 Total West of Devers Upgrade Project (WODUP)						1,949	6,530	4,060	12,539	1,949	6,530	4,060	12,539				
06957 Coolwater 220/115 kV:A. 220 kV Switche-track, -1 L90, -1 SLE311C, -2 Racks (Bus)		CET-ET-TP-RN-695703	902260821	High	Dec-20	-	-	4,183	4,183	-	-	4,183	4,183				
08091 Big Creek 4: Install two new N60 relays		CET-ET-TP-RL-809100	902260821	High	Dec-19	101	314	-	416	101	314	-	416				
07555	Mira Loma-Vincent 500 kV new dbl circuit	CET-ET-TP-RL-755507	901192484	High	Dec-20	1,163	29	909	2,101	1,163	29	909	2,101				
07555	Eagle Rock-Mesa 220kV: Remove 2100 ckt ft of conductor	CET-ET-TP-RL-755537	902124237	High	Dec-20	212	3	-	215	212	3	-	215				
07555	Lightipe-Mesa: Remove 8 strcts-cnd	CET-ET-TP-RL-755546	902124391	High	Dec-20	857	645	-	1,501	857	645	-	1,501				
07555	Mesa-Rio Hondo 220kV: Remove 4strctures and 2700 ckt ft of conductor.	CET-ET-TP-RL-755547	902124392	High	Dec-20	942	334	-	1,277	942	334	-	1,277				
07555	Mesa-Rio Hondo 220kV: Remove 4strctures and 2700 ckt ft of conductor.	CET-ET-TP-RL-755548	902124393	High	Dec-20	0	(0)	617	617	0	(0)	617	617				
07555	Mesa-Vincent #1 220kV: Remove 3strctures, 2 shoofly ESPs, 800 ckt ft of shoofly conductor, a CET-ET-TP-RL-755552	902124397	902124397	High	Dec-20	315	285	-	600	315	285	-	600				
07555	Mesa-Vincent #2 220kV: Remove 3strctures and 2000 ckt ft of conductor	CET-ET-TP-RL-755554	902124579	High	Dec-20	721	23	-	745	721	23	-	745				
07555	Redondo-Vincent 220kV: Remove 1500 ckt ft of shoofly conductor. Shoofly will stay in place >12	CET-ET-TP-RL-755558	902124583	High	Dec-20	172	3	-	175	172	3	-	175				
07555	Center-Mesa 220kV: Remove 4 structures and 2800 ckt ft of conductor	CET-ET-TP-RL-755553	902132962	High	Dec-20	-	-	600	600	-	-	600	600				
07555	Goodrich-Laguna Bell 220kV: Remove 2structures, remove 1500 ckt ft of shooflyconductor, an CET-ET-TP-RL-755553	902132963	902132963	High	Dec-20	790	38	-	828	790	38	-	828				
07555	Laqua Bell-Rio Hondo 220kV: Remove 2structures, remove 1 shoofly ESP and 500 ckt ft of sh	CET-ET-TP-RL-755543	902132966	High	Dec-20	171	3	-	174	171	3	-	174				
07555 Total Mesa Substation Project						5,344	1,363	2,125	8,832	5,344	1,363	2,125	8,832				
07866	Magunden Substation: Upgrade (6) 1200amp disconnects to match rating of the upgraded line	CET-ET-TP-RN-786601	902175272	High	Jul-19	39	1,049	-	1,088	39	1,049	-	1,088				

Summary of ISO Capital Expenditure Forecast - Non-Incentive Projects

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PIN	Project Title	C-WBS	Order #	Voltage	OD	High/Low	Project Total (ISO & non-ISO)				ISO Portion			
							Prior	2019	2020	Total	Prior	2019	2020	Total
07866	Vestal Substation: Upgrade (6) 1200amp disconnects to match rating of the upgraded line. (4h CET-ET-TP-RN-786602	902175273		High	Apr-19	377	1,649	-	2,027	377	1,649	-	2,027	
07866 Total Big Creek Corridor Rating Increase Project						417	2,698	-	3,114	417	2,698	-	3,114	
08029	Lugo Substation:Replace (3) 500kV CBs (CB#762, 862, 962), (6) 500kV disconnects (#761, 76 CET-ET-TP-RL-802900	902148910		High	May-20	20	100	2,995	3,115	20	100	2,995	3,115	
08029	Lugo-Victorville 500kV Transmission Line (SCE-owned):Fix the appropriate number of spans to CET-ET-TP-RL-802901	902148911		High	Dec-19	170	1,500	-	1,670	170	1,500	-	1,670	
08029 Total Lugo - Victorville 500kV Transmission Line Thermal Overloads Project						189	1,600	2,995	4,784	189	1,600	2,995	4,784	
08104	Moorpark 220 kV Switchrack: Relocate the Ormond Beach No. 3 & 4 lines into positions 10N & CET-ET-TP-RL-810400	902315805		High	Nov-20	4	2,533	676	3,213	1	583	155	739	
08104	Pardee 230 kV: Equip vacant Position 16E with two (2) CBs rated at 4000A/63KA and four (4) CET-ET-TP-RL-810401	902315808		High	Dec-20	0	1,960	299	2,260	0	1,960	299	2,260	
08104	New Moorpark-Pardee #4 230 kV line: String roughly 25.5 mile section on vacant side of exist CET-ET-TP-RL-810402	902315828		High	Dec-20	174	8,200	12,294	20,668	174	8,200	12,294	20,668	
08104	Moorpark-Santa Clara #2: String 2B-1590 one mile section on vacant side of existing structure: CET-ET-TP-RL-810403	902315960		High	Dec-20	2	403	551	956	2	403	551	956	
08104	Relocate Moorpark-Ormond Beach No. 3 230 kV transmission line to position 10N at Moorpark CET-ET-TP-RL-810404	902578084		High	Oct-19	-	196	-	196	-	196	-	196	
08104	Relocate Moorpark-Ormond Beach No. 4 230 kV transmission line to position 11N at Moorpark CET-ET-TP-RL-810405	902578085		High	Apr-20	-	196	-	196	-	196	-	196	
08104	Relocate Moorpark-Santa Clara No. 1 230 kV transmission line to position 12N at Moorpark CET-ET-TP-RL-810403	902578086		High	Dec-20	-	-	201	201	-	201	-	201	
08104	Relocate Moorpark-Pardee No. 1 230 kV transmission line to position 16E at Pardee CET-ET-TP-RL-810404	902578087		High	Oct-19	-	293	57	350	-	293	57	350	
08104	Santa Clara: Replace Line Relays for Moorpark No.1 230 kV line with one GE 190 relay and on CET-ET-TP-RL-810405	902578088		High	Apr-20	-	101	216	317	-	101	216	317	
08104	Environmental for Moorpark-Pardee CET-ET-TP-RL-810402	916718		High	Dec-20	-	349	329	677	-	349	329	677	
08104 Total Moorpark-Pardee 230 kV No. 4 Circuit Project						179	14,230	14,623	29,032	176	12,279	14,103	26,558	
Total Transmission Project Reliability						87,019	11,567	28,884	127,470	66,851	9,091	26,103	102,045	

Infrastructure Replacement

04211	Replace Bulk Power Circuit Breakers	CET-ET-IR-CB-421100		High	Blanket	-	353	5,581	5,934	-	353	5,581	5,934
04329 Non-Bulk Circuit Breaker Replacement Program (115kV and Below)		CET-ET-IR-CB-432900		Low	Blanket	-	402	938	1,340	-	402	938	1,340
03138	LADWP DC electrode replacement (LAND Segment)	CET-OT-OT-ME-313802	900250937	High	Nov-18	-	134	-	134	-	134	-	134
03138	LADWP DC electrode replacement (OCEAN Segment)	CET-OT-OT-ME-313802	901653468	High	Dec-19	23,015	9,291	-	32,306	23,015	9,291	-	32,306
03138 Total LADWP DC Electrode Replacements						23,015	9,425	-	32,441	23,015	9,425	-	32,441
03138	LADWP AC/DC Filter Replacement	CET-OT-OT-ME-313803	900713761		Dec-20	56,409	19,346	13,883	89,637	56,409	19,346	13,883	89,637
03138	LADWP/Sylmar: Misc Capital	CET-OT-OT-ME-313800		High	Blanket	-	1,488	1,832	3,320	-	1,488	1,832	3,320
04651 Palo Verde 500 kV Switch Yard Disconnect Switch Repl		CET-OT-OT-ME-465100		High	Blanket	-	355	325	680	-	355	325	680
04343	Non-Bulk Relay Replacement Program ("SRRP")	CET-ET-IR-RP-434301		Low	Blanket	-	649	590	1,239	-	649	590	1,239
05089 Bulk Power 500kV & 220kV Line Relay Replacement		CET-ET-IR-RP-508900		High	Blanket	-	5,129	9,202	14,331	-	5,129	9,202	14,331
04756	Substation Miscellaneous Equipment Additions & Betterment	CET-ET-IR-ME-475600		High	Blanket	-	20,355	21,197	41,551	-	20,355	21,197	41,551
05210 Substation Transformer Bank Replacement Program (AA-Bank & A-Bank)		CET-ET-IR-TB-521001		High	Blanket	-	19,848	5,943	25,791	-	19,848	5,943	25,791
07957 Devers: Substation Maintenance and Test Building Improvements program		COS-00-RE-AD-SR0004	801432305	High	Jul-19	357	3,824	-	4,180	300	3,210	-	3,509
07959 Rector: Substation Maintenance and Test Building Improvements program		COS-00-RE-AD-SR0006	801432582	High	Jun-19	644	8,861	1,000	10,505	344	4,734	534	5,612
Total Substation Maintenance and Test Building Improvements Program						1,001	12,684	1,000	14,686	644	7,944	534	9,122
07637 Substation Facility Capital Maintenance		COS-00-RE-MA-NE7637		High	Blanket	-	15,920	16,209	32,129	-	5,340	5,437	10,777
07392	Seismic Program - Trans Subs (FERC)	COS-00-SP-TD-000000		High	Blanket	-	1,940	2,000	3,940	-	1,238	1,277	2,515
07392	Seismic Program - Trans Lines	COS-00-SP-TD-000002		High	Blanket	-	3,940	3,333	7,273	-	3,940	3,333	7,273
07392 Seismic Assessment and Mitigation Program for Transmission Assets						-	5,880	5,333	11,213	-	5,178	4,610	9,788
07454 Physical Security Systems - Electric Facilities		COS-00-CS-CS-745400		High	Blanket	-	9,341	9,886	19,227	-	5,418	5,734	11,153
07573 Substation Fence/Gate (Cu Theft) (FERC)		CET-ET-IR-ME-757301		High	Blanket	-	-	109	109	-	-	109	109
07820	NERC CIP-14 Physical Security Enhancements	COS-00-CS-CS-782000		High	Blanket	-	6,290	3,807	10,097	-	4,954	2,999	7,953
07820	Mira Loma: NERC CIP-14 Physical Security Enhancements	CET-ET-IR-ME-782001	901656354	High	Dec-18	-	732	466	1,198	-	624	396	1,020
07820	Pardee: NERC CIP-14 Physical Security Enhancements	CET-ET-IR-ME-782002	901656355	High	Dec-18	-	139	466	605	-	121	405	527
07820	Vincent: NERC CIP-14 Physical Security Enhancements	CET-ET-IR-ME-782005	901656358	High	Jan-20	4,009	13,595	2,642	20,247	4,009	13,595	2,642	20,247
07820	Eldorado: NERC CIP-14 Physical Security Enhancements	CET-ET-IR-ME-782008	901657121	High	Jan-20	524	11,463	5,778	17,766	524	11,463	5,778	17,766
07820	Lugo: PHY-Physical Security Project	CET-ET-IR-ME-782009	902072001	High	Apr-18	-	570	152	722	-	570	152	722
07820 Total Substation Physical Security Enhancements Project						4,534	32,790	13,311	50,634	4,534	31,327	12,373	48,234
08042	Serrano 500/220 (T) Perimeter Security Upgrade	CET-ET-IR-ME-804207	902158683	High	Apr-20	-	149	356	505	-	149	356	505
08042	Devers Physical Security Tier 2	CET-ET-IR-ME-804200	902210275	High	Jun-20	77	243	940	1,260	64	204	790	1,058
08042	Antelope Physical Security Tier 2	CET-ET-IR-ME-804201	902210276	High	Apr-20	25	147	4,613	4,785	25	147	4,613	4,785
08042	Rancho Vista Physical Security Tier 2	CET-ET-IR-ME-804202	902210277	High	Jun-20	8	143	3,733	3,884	8	143	3,733	3,884
08042	Whirlwind Physical Security Tier 2	CET-ET-IR-ME-804203	902210452	High	Jun-20	13	143	3,895	4,051	13	143	3,895	4,051
08042	Windhub Physical Security Tier 2	CET-ET-IR-ME-804204	902210453	High	Apr-20	11	143	3,907	4,061	10	127	3,473	3,611
08042	Vista Physical Security Tier 3	CET-ET-IR-ME-804205	902210454	High	Jul-19	70	1	-	71	15	0	-	15
08042	Moorpark Physical Security Tier 3	CET-ET-IR-ME-804206	902210455	High	Dec-19	0	0	-	0	0	0	-	0

Summary of ISO Capital Expenditure Forecast - Non-Incentive Projects

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PIN	Project Title	C-WBS	Order #	Voltage	OD	High/Low				Project Total (ISO & non-ISO)				ISO Portion			
						Prior	2019	2020	Total	Prior	2019	2020	Total	Prior	2019	2020	Total
08042	Total Substation Physical Security Enhancements Project (Tiers 2-4)					204	968	17,445	18,617	135	913	16,861	17,908				
	Total Infrastructure Replacement					85,162	154,934	122,783	362,880	84,736	133,472	105,149	323,356				
Grid Applications																	
06446	Devers: install necessary phasor measurement	CET-ET-GA-EM-644603		High	Blanket Specifics	-	1,215	801	2,016	-	1,215	801	2,016				
06446	Vestal: install necessary phasor measurement	CET-ET-GA-EM-644610		High	Blanket Specifics	-	397	2,669	3,066	-	318	2,135	2,453				
06446	Total Phasor Measurement Unit (PMU)					-	1,613	3,470	5,082	-	1,533	2,936	4,469				
07666	Colorado River Sub: C-RAS Project Phase 1	CET-ET-GA-CR-766600	901292691	High	May-19	1,941	706	-	2,647	1,941	706	-	2,647				
07666	Devers Sub: C-RAS Project Phase 1	CET-ET-GA-CR-766601	901292692	High	May-19	1,052	221	-	1,273	1,052	221	-	1,273				
07666	Red Bluff Sub: C-RAS Project Phase 1	CET-ET-GA-CR-766602	901292693	High	May-19	1,802	140	-	1,942	1,802	140	-	1,942				
07666	Total C-RAS Program Phase 1: Colorado River Corridor RAS					-	4,794	1,068	-	5,862	4,794	1,068	-	5,862			
08009	Antelope -Install relays, CRAS, SEL-2407 satellite synchronized clock	CET-ET-GA-CR-800900	902129654	High	Aug-19	531	1,100	-	1,631	531	1,100	-	1,631				
08009	Vincent-Install relays, CRAS, SEL-2407 satellite synchronized clock	CET-ET-GA-CR-800901	902129742	High	Jun-19	371	426	-	797	371	426	-	797				
08009	Whirlwind-Install relays, CRAS, SEL-2407 satellite synchronized clock	CET-ET-GA-CR-800902	902129743	High	Nov-19	953	2,320	343	3,615	953	2,320	343	3,615				
08009	Total Northern Area CRAS to Tehachapi CRAS					-	1,856	3,845	343	6,044	1,856	3,845	343	6,044			
	Total Grid Applications					-	6,650	6,525	3,812	16,988	6,650	6,446	3,278	16,375			
PWRD Blankets																	
03363	Substation Unplanned Maintenance Replacements	CET-PD-BM-SU-SUBSNW		High	Blanket	-	11,353	11,644	22,997	-	1,037	1,063	2,100				
03363	Substation - Storm	CET-PD-ST-SS-SUBSNW		High	Blanket	-	1,738	1,781	3,519	-	398	407	805				
03363	Substation Maintenance, Breakdown, & Storm					-	13,091	13,425	26,516	-	1,434	1,471	2,905				
07888	Transmission Maintenance Planned					-	1,223	-	1,223	-	1,223	-	1,223				
03364	Transmission Breakdown Maintenance Unplanned	CET-PD-BM-TU-TRSJAC		High	Blanket	-	1,364	1,398	2,762	-	534	547	1,081				
03364	Transmission Grid-Based Maintenance (Tower Corrosion)	CET-PD-IR-TG-TRSJAC		High	Blanket	-	23,006	52,232	75,238	-	6,819	15,481	22,300				
03364	Transmission Maintenance & Breakdown Maintenance					-	24,371	53,629	78,000	-	7,353	16,028	23,381				
03364	Transmission Deteriorated Pole Repl & Restoration	CET-PD-IR-TR-TRMETW		Low	Blanket	-	80,104	81,898	162,002	-	1,513	1,547	3,059				
03364	Pole Loading Transmission Pole Replacements	CET-PD-IR-PT-TRMETW		Low	Blanket	-	28,774	15,019	43,794	-	543	284	827				
03364	Transmission Poles (Pole Loading & Deteriorated Pole Programs)					-	108,879	96,917	205,796	-	2,056	1,830	3,886				
04056	Steel Stub Remediation (Trans)					-	76	109	186	-	1	2	4				
07298	Transmission Line Rating Remediation (TLRR)					-	101,709	67,228	168,937	-	101,709	67,228	168,937				
03362	Critical Infra Spare - FERC Spare Transformer Equipment Program (STEP)/Emergency					-	15,357	4,931	20,288	-	15,357	4,931	20,288				
03367	Substation - Claim	CET-PD-CL-SC-SUBSNW		High	Blanket	-	110	113	223	-	9	9	18				
03367	Transmission - Claim	CET-PD-CL-TC-TREAST		High	Blanket	-	864	885	1,748	-	78	80	158				
03367	Transmission - Storm	CET-PD-ST-TS-TREAST		High	Blanket	-	4,308	4,413	8,721	-	1,399	1,433	2,832				
03367	Transmission Storm & Claims					-	5,282	5,411	10,693	-	1,486	1,523	3,009				
08224	Enhanced Overhead Inspections (EOI) & Remediations - Transmission					-	11,211	4,597	15,807	-	2,983	1,223	4,207				
	Total PWRD Blankets					-	269,989	241,650	511,639	-	130,621	93,013	223,633				
	Total Non-Incentive Transmission Projects					-	220,020	498,193	449,947	1,168,160	180,103	321,120	276,101	777,323			
	Total Forecast Specific Project Expenditures (Closing by December 2020)					-	220,020	129,371	119,279	468,669	180,103	116,511	114,432	411,047			
	Total Forecast Blanket Expenditures (Closing by December 2020)					-	368,822	330,668	699,490	-	204,608	161,668	366,277				

SCHEDULE 19

FERC ACCOUNT SUMMARY & ADJUSTMENTS

WORKPAPERS

Schedule 19 Line	Account/Work Activity Rev	Total Recorded O&M Expenses		
		Total	Labor	Non-Labor
<u>Transmission Accounts</u>				
1	560 - Operations Supervision and Engineering - Allocated	\$7,858,326	\$4,060,418	\$3,797,908
2	560 - Sylmar/Palo Verde	\$236,782	\$0	\$236,782
	560 - Total	\$8,095,108	\$4,060,418	\$4,034,690
3	561 Load Dispatch - Allocated	\$0	\$0	\$0
3	561 Load Dispatch - Allocated (561.1 Load Dispatch-Reliability)	\$508,543	\$392,968	\$115,575
3	561 Load Dispatch - Allocated (561.2 Load Dispatch Monitor and Operate Trans. System)	\$10,168,801	\$8,052,254	\$2,116,547
4	561.400 Scheduling, System Control and Dispatch Services	\$36,792,220	\$0	\$36,792,220
5	561.500 Reliability, Planning and Standards Development	\$4,373,750	\$3,933,925	\$439,825
6	562 - Station Expenses - Allocated	\$21,299,111	\$17,032,799	\$4,266,312
7	562 - MOGS Station Expense	\$0	\$0	\$0
8	562 - Sylmar/Palo Verde	\$901,304	\$0	\$901,304
	562 - Total	\$22,200,415	\$17,032,799	\$5,167,616
9	563 - Overhead Line Expenses - Allocated	\$5,388,238	\$3,483,356	\$1,904,881
10	564 - Underground Line Expenses - Allocated	\$1,929,614	\$1,629,006	\$300,608
11	565 - Transmission of Electricity by Others	(\$9,783)	\$0	(\$9,783)
12	565 - Wheeling Costs	\$17,452,121	\$0	\$17,452,121
13	565 - WAPA Transmission for Remote Service	\$282,330	\$0	\$282,330
	565 - Total	\$17,724,668	\$0	\$17,724,668
14	566 - Miscellaneous Transmission Expenses - Allocated	\$43,137,241	\$21,165,534	\$21,971,707
15	566 - ISO/RSBA/TSP Balancing Accounts	\$13,032,603	\$284,724	\$12,747,880
16	566 - Sylmar/Palo Verde/Other General Functions	\$1,110,387	\$0	\$1,110,387
	566 - Total	\$57,280,231	\$21,450,258	\$35,829,974
17	567 - Line Rents - Allocated	\$15,939,487	\$5,614	\$15,933,873
18	567 - Eldorado	\$82,879	\$0	\$82,879
19	567 - Sylmar/Palo Verde	\$438,003	\$0	\$438,003
	567 - Total	\$16,460,368	\$5,614	\$16,454,754
20	568 - Maintenance Supervision and Engineering - Allocated	\$2,571,657	\$2,231,814	\$339,843
21	568 - Sylmar/Palo Verde	\$248,127	\$0	\$248,127
	568 - Total	\$2,819,785	\$2,231,814	\$587,970

Schedule 19 Line	Account/Work Activity Rev	Total Recorded O&M Expenses		
		Total	Labor	Non-Labor
22	569 - Maintenance of Structures - Allocated	\$52,598	(\$23,800)	\$76,398
23	569 - Sylmar/Palo Verde	\$147,367	\$0	\$147,367
	569 - Total	\$199,964	(\$23,800)	\$223,764
22	569 - Maintenance of Structures - Allocated (569.1 - Computer Hardware)	\$6,146,022	\$0	\$6,146,022
22	569 - Maintenance of Structures - Allocated (569.2 - Computer Software)	\$20,377,530	\$50	\$20,377,480
22	569 - Maintenance of Structures - Allocated (569.3 - Communication Equipment)	\$14,014,917	\$8,176	\$14,006,741
24	570 - Maintenance of Station Equipment - Allocated	\$8,094,281	\$4,388,695	\$3,705,586
25	570 - Sylmar/Palo Verde	\$1,007,421	\$14,053	\$993,368
	570 - Total	\$9,101,702	\$4,402,748	\$4,698,954
26	571 - Maintenance of Overhead Lines - Allocated	\$25,917,292	\$7,348,270	\$18,569,022
27	571 - Sylmar/Palo Verde	\$518,175	\$0	\$518,175
	571 - Total	\$26,435,467	\$7,348,270	\$19,087,197
28	572 - Maintenance of Underground Lines - Allocated	\$322,776	\$63,260	\$259,516
29	572 - Sylmar/Palo Verde	\$393	\$0	\$393
	572 - Total	\$323,169	\$63,260	\$259,909
30	573 - Maintenance of Miscellaneous Trans. Plant - Allocated	(\$362,672)	\$577,048	(\$939,720)
	Total Transmission O&M	\$259,977,839	\$74,648,164	\$185,329,675
	<u>Distribution Accounts</u>			
35	582 - Station Expenses	\$34,617,001	\$26,689,255	\$7,927,745
36	590 - Maintenance Supervision and Engineering	\$2,559,657	\$2,231,690	\$327,968
37	591 - Maintenance of Structures	\$59,401	\$9,755	\$49,645
38	592 - Maintenance of Station Equipment	\$9,035,334	\$4,468,502	\$4,566,832
39	Accounts with no ISO Distribution Costs	\$486,655,346	\$202,370,099	\$284,285,247
	Total Distribution O&M	\$532,926,739	\$235,769,301	\$297,157,437

Schedule 19 - 2018 Recorded O&M Expenses Adjusted from Formula Rate

Column 5

Reason Code	Line Reference	Explanation of Adjustment	Final Cost Center	Final Cost Center Name	Labor	Non-Labor	Total
A	4	Exclusion of CAISO costs recovered in Energy Resource Recovery Account					
		Schedule 19 Activity					
		561.400 Scheduling, System Control and Dispatch Services	F516573	GMC-Scheduling-Sys Cntrl	-	(36,792,220)	(36,792,220)
B	7	Exclusion of costs related to Mohave Generating Station Expense					
		Schedule 19 Activity					
		562 - MOGS Station Expense	F201176	MOGS Ops 562 Station Expense	-	-	-
C	12	Exclusion of CAISO costs recovered in Energy Resource Recovery Account					
		Schedule 19 Activity					
		565 - Wheeling Costs	F502983	GF - CRA - Purchased Power	-	42,458	42,458
		565 - Wheeling Costs	F528243	GF-Out-of-State Transmission	-	(17,494,579)	(17,494,579)
		Total 565 - Wheeling Costs			-	(17,452,121)	(17,452,121)
D	15	Exclusion of costs recovered through: a) Reliability Services Balancing Account; b) Transmission Access Charge Balancing Account; c) the American Reinvestment Recovery Act for the Tehachapi Wind Energy Storage Project					
		Schedule 19 Activity					
		a) 566 - ISO/RSBA/TSP Balancing Accounts	F523361	ISO MUST OFFER OBLIGATION	-	(529,314)	(529,314)
		b) 566 - ISO/RSBA/TSP Balancing Accounts	F523362	TRANSMISSION ACCESS CHARG	-	(9,285,719)	(9,285,719)
		c) 566 - ISO/RSBA/TSP Balancing Accounts	F527631	TEHACHAPI WIND ENERGY STORAGE PROJECT	(7,440)	(1,234,197)	(1,241,637)
		Total 566 - ISO/RSBA/TSP Balancing Accounts			(7,440)	(11,049,230)	(11,056,670)
E	22	Exclusion of Amounts Transferred from A&G Account 920 Pursuant to Order 668					
		Schedule 19 Activity					
		569 - Maintenance of Structures - Allocated (569.1 - Computer Hardware)	G905691	Topsides-569100	-	(6,146,016)	(6,146,016)
		569 - Maintenance of Structures - Allocated (569.2 - Computer Software)	G905692	Topsides-569200	-	(20,377,480)	(20,377,480)
		569 - Maintenance of Structures - Allocated (569.3 - Communication Equipment)	G905693	Topsides-569300	-	(11,001,059)	(11,001,059)
		FERC Order 668 Transfer			-	(37,524,555)	(37,524,555)

F

Exclusion of Shareholder Funded Costs

	Schedule 19 Activity	Final Cost Center	Final Cost Center Name	Labor	Non-Labor	Total
14	566 - Miscellaneous Transmission Expenses - Allocated	F528181	PWRD Shareholder Funded - Trans Expenses	(7,034)	(701)	(7,735)
14	566 - Miscellaneous Transmission Expenses - Allocated	F529180	POLE LOADING PROGRAM MALIBU TRANS (SH)	-	-	-
17	567 - Line Rents - Allocated	F515137	LAMShareholderLicensingActivities-Easter	-	-	-
17	567 - Line Rents - Allocated	F515144	LandOpsMgmtShareholderAG	-	-	-
26	571 - Maintenance of Overhead Lines - Allocated	F529181	POLE LOADING PRGM MALIBU R.E. TRANS (SH)	(91,444)	(2,859,192)	(2,950,636)
26	571 - Maintenance of Overhead Lines - Allocated	F529183	POLE LOADING MALIBU REPAIRS TRANS (SH)	(60)	(1,042)	(1,101)
39	Accounts with no ISO Distribution Costs	F529179	POLE LOADING PROGRAM MALIBU DIST (SH)	-	-	-
39	Accounts with no ISO Distribution Costs	F520518	PWRD Shareholder Funded - Misc Expenses	-	-	-
39	Accounts with no ISO Distribution Costs	F527895	FIM OOR Charges/Paying	(147,834)	(10,503)	(158,337)
39	Accounts with no ISO Distribution Costs	F529877	Costs for PEV charging infrastructure	(16)	48,000	47,984
39	Accounts with no ISO Distribution Costs	F500231	EMPLOYEE CONTRIBUTION	(111,789)	(54,853)	(166,642)
39	Accounts with no ISO Distribution Costs	F520518	PWRD Shareholder Funded - Misc Expenses	-	(6,379)	(6,379)
39	Accounts with no ISO Distribution Costs	F530099	Long Beach Oil Remediation Exp Dist (SH)	-	(3,441,844)	(3,441,844)
39	Accounts with no ISO Distribution Costs	F500231	EMPLOYEE CONTRIBUTION	-	-	-
39	Accounts with no ISO Distribution Costs	F529874	Power Quality Program Shareholder O&M	-	-	-
39	Accounts with no ISO Distribution Costs	F530073	Distr GRC Disallowance-Aged Pole Work	-	-	-
39	Accounts with no ISO Distribution Costs	F529495	WINDSTORM SETTLEMENT AGREEMENT \$3M (SH)	-	-	-
39	Accounts with no ISO Distribution Costs	F529496	ACACIA SETTLEMENT AGREEMENT \$6.5M (SH)	(59,323)	(661,358)	(720,681)
39	Accounts with no ISO Distribution Costs	F529182	POLE LOADING PRGM MALIBU R.E. DIST (SH)	84	(953,299)	(953,215)
39	Accounts with no ISO Distribution Costs	F529184	POLE LOADING MALIBU REPAIRS DIST (SH)	(1,751)	(12,402)	(14,153)
	Total Shareholder Funded			(419,166)	(7,953,573)	(8,372,739)

G

Exclusion of EEI & EPRI Dues Re-Mapped to FERC Account 930.2 Miscellaneous general expenses

	Schedule 19 Activity	Final Cost Center	Final Cost Center Name	Labor	Non-Labor	Total
1	560 - Operations Supervision and Engineering - Allocated	F520060	GENERAL OPERATING EXPENSE	-	(67,500)	(67,500)

SCHEDULE 19

O&M COST DETAIL

WORKPAPERS

2018 Final Cost Centers by Account/Work Activity

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WP-Schedule 19 - Cost Detail

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Account/Work Activity	Final Cost Center	2018 Total Recorded O&M Expenses			
		Cost Center Description	Total	Labor	Non-Labor
560 - Operations Supervision and Engineering - Allocated	F500061	TRANSMISSION SYSTEM PLANNING	24,682	123	24,559
560 - Operations Supervision and Engineering - Allocated	F500092	ETS Transmission Work Order Write Off	1,264,809	434,531	830,278
560 - Operations Supervision and Engineering - Allocated	F500094	OPERATING EXPENSE SUBS	230,377	75,464	154,913
560 - Operations Supervision and Engineering - Allocated	F500248	GENERAL OPERATING EXPENSE	116,075	1,388	114,687
560 - Operations Supervision and Engineering - Allocated	F500264	GENERAL OPERATING EXPENSE	575,125	491,565	83,560
560 - Operations Supervision and Engineering - Allocated	F500286	ENGINEERING/PLANNING	193,615	56,171	137,445
560 - Operations Supervision and Engineering - Allocated	F500305	ENGINEERING/PLANNING	311,242	249,501	61,741
560 - Operations Supervision and Engineering - Allocated	F500317	MANAGEMENT AND SUPERVISION T	74	-	74
560 - Operations Supervision and Engineering - Allocated	F500407	SUB OPRNS-SUPERVISION	10,543	9,221	1,322
560 - Operations Supervision and Engineering - Allocated	F500413	SUB OPRNS-SUPERVISION	164,786	142,587	22,199
560 - Operations Supervision and Engineering - Allocated	F500419	SUB OPRNS-SUPERVISION	574,282	474,760	99,522
560 - Operations Supervision and Engineering - Allocated	F501605	SONGS OPERATIONS	255	-	255
560 - Operations Supervision and Engineering - Allocated	F520055	GENERAL OPERATING EXPENSE	30,665	-	30,665
560 - Operations Supervision and Engineering - Allocated	F520056	GENERAL OPERATING EXPENSE	884,572	124,486	760,086
560 - Operations Supervision and Engineering - Allocated	F520057	GENL OPRN EXP-AUTO ENRG	400,803	145,219	255,584
560 - Operations Supervision and Engineering - Allocated	F520059	GENERAL OPERATING EXPENSE	1,040	53	986
560 - Operations Supervision and Engineering - Allocated	F520060	GENERAL OPERATING EXPENSE	455,438	155,832	299,606
560 - Operations Supervision and Engineering - Allocated	F520101	OPERATING EXP-TRANS SYS	722,794	236,478	486,316
560 - Operations Supervision and Engineering - Allocated	F520102	FIELD TECHNOLOGIES (TRANS)	1,024	-	1,024
560 - Operations Supervision and Engineering - Allocated	F520103	OPERATING EXP-TRANS SYS	10,491	10,265	226
560 - Operations Supervision and Engineering - Allocated	F520104	OPRN EXP-TRANS-AUTO ENRG	6,508	4,804	1,704
560 - Operations Supervision and Engineering - Allocated	F520105	Power Systems Technologies	218	-	218
560 - Operations Supervision and Engineering - Allocated	F523389	MAPPING	10,491	10,265	226
560 - Operations Supervision and Engineering - Allocated	F525687	General Operating Activities	58,161	3,390	54,770
560 - Operations Supervision and Engineering - Allocated	F525701	GENERAL OPERATING ACTIVITIES	2,520	2,450	69
560 - Operations Supervision and Engineering - Allocated	F525849	General Operating Activities	65,515	58,300	7,215
560 - Operations Supervision and Engineering - Allocated	F525850	OPERATING EXP-TRANS SYS	50,072	20,140	29,932
560 - Operations Supervision and Engineering - Allocated	F526569	EMPLOYEE RECOGNITION	13,378	-	13,378
560 - Operations Supervision and Engineering - Allocated	F527517	AT MANAGEMENT (TRANS)	76,090	65,678	10,412
560 - Operations Supervision and Engineering - Allocated	F528799	Prelim Scoping& ProjRefinement (Trans)	797	217	580
560 - Operations Supervision and Engineering - Allocated	F529826	RENEWABLE INTEGRATION (TRANS)	1,340,425	1,281,241	59,185
560 - Operations Supervision and Engineering - Allocated	F529834	AT PROJ NL - RENWBL INTGRTN (TRANS)	846	846	-
560 - Operations Supervision and Engineering - Allocated	F529899	General Operating Activities	260,611	5,441	255,170
560 - Operations Supervision and Engineering - Allocated Total			7,858,326	4,060,418	3,797,908
560 - Sylmar/Palo Verde	F526248	OPER SUPERVN-SYLMAR	236,782	-	236,782
561 Load Dispatch - Allocated	F500385	GCC - WECC DUES	79,813	-	79,813
561 Load Dispatch - Allocated	F500387	MGMT OF SYSTEM OPER DIV	428,730	392,968	35,762
561 Load Dispatch - Allocated	F500377	OPERATING ENGINEERING	3,642,970	3,183,830	459,140
561 Load Dispatch - Allocated	F500380	ENRGY CNTRL CNTR OPRNS	5,913,164	4,868,424	1,044,740
561 Load Dispatch - Allocated	F500381	DISP EXP/CHG OTHERS/CR	-	-	-
561 Load Dispatch - Allocated	F523256	SAFETY GCC MGMT	-	-	-
561 Load Dispatch - Allocated	F526264	LOAD DISPATCHING	612,668	-	612,668
561 Load Dispatch - Allocated Total			10,677,344	8,445,222	2,232,122
561.400 Scheduling, System Control and Dispatch Services	F516573	GMC-Scheduling-Sys Cntrl	36,792,220	-	36,792,220
561.500 Reliability, Planning and Standards Development	F500002	MANAGEMENT/SUPERVISION	676,771	622,893	53,878
561.500 Reliability, Planning and Standards Development	F500006	CLERICAL/ADMINISTRATIVE	30	-	30

2018 Final Cost Centers by Account/Work Activity

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Account/Work Activity	Final Cost Center	2018 Total Recorded O&M Expenses			
		Cost Center Description	Total	Labor	Non-Labor
561.500 Reliability, Planning and Standards Development	F500007	GRID CONTROL	633	-	633
561.500 Reliability, Planning and Standards Development	F500008	TRANSMISSION SYSTEM PLANNING	3,274,575	2,934,673	339,902
561.500 Reliability, Planning and Standards Development	F528134	MANAGEMENT/SUPERVISION	1	-	1
561.500 Reliability, Planning and Standards Development	F528136	CLERICAL/ADMINISTRATIVE	3,935	90	3,845
561.500 Reliability, Planning and Standards Development	F528137	TRANS STRATEGY & SPECIAL ASSESSMENTS	408,774	376,233	32,541
561.500 Reliability, Planning and Standards Development	F528218	INCENTIVE COMPENSATION PROGRAM	-	-	-
561.500 Reliability, Planning and Standards Development	F529421	Reg Ops Capital Expenditures-Cap Review	9,031	36	8,995
561.500 Reliability, Planning and Standards Development Total			4,373,750	3,933,925	439,825

562 - MOGS Station Expense	F528432	GF-CNTR-Eldorado O&M-Part Bill 562	-	-	-
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562 - Station Expenses - Allocated	F200726	Fish Lake 562 Ops Station Exp	12,347	10,503	1,844
562 - Station Expenses - Allocated	F200729	Control Sub 562 Ops Station Exp	106,767	96,366	10,401
562 - Station Expenses - Allocated	F200732	Casa Diablo Sub 562 Ops Station Exp	51,042	45,168	5,875
562 - Station Expenses - Allocated	F200735	Lundy Sub 562 Ops Station Exp	12,808	12,675	133
562 - Station Expenses - Allocated	F200738	Lee Vining Sub 562 Ops Station Exp	19,329	19,329	-
562 - Station Expenses - Allocated	F200741	Inyo Sub 562 Ops Station Exp	276	-	276
562 - Station Expenses - Allocated	F200744	Sherwin Sub 562 Ops Station Exp	11,434	11,434	-
562 - Station Expenses - Allocated	F200747	Control Sub 562 Ops Station Exp	16,605	16,592	13
562 - Station Expenses - Allocated	F200750	Bridgeport Sub 562 Ops Station Exp	2,567	2,567	-
562 - Station Expenses - Allocated	F200753	Zack 562 Ops Station Exp	14,932	14,932	-
562 - Station Expenses - Allocated	F200756	June Lake Sub 562 Ops Station Exp	93,541	17,610	75,931
562 - Station Expenses - Allocated	F200759	Deep Springs Sub 562 Ops Station Exp	5,358	3,678	1,680
562 - Station Expenses - Allocated	F200762	White Mnt Radio 562 Ops Station Exp	-	-	-
562 - Station Expenses - Allocated	F200765	MTTom 562 Ops Station Exp	21,595	20,562	1,033
562 - Station Expenses - Allocated	F200771	Skiland 562 Ops Station Exp	31,918	30,246	1,671
562 - Station Expenses - Allocated	F200774	Minaret Sub 562 Ops Station Exp	46,751	41,249	5,501
562 - Station Expenses - Allocated	F200952	Borel Pwrhouse 562 Ops Station Exp	974	974	-
562 - Station Expenses - Allocated	F200963	Kern River 1 562 Ops Station Exp	5,838	5,838	-
562 - Station Expenses - Allocated	F200974	Kern River 3 562 Ops Station Exp	1,150	1,150	-
562 - Station Expenses - Allocated	F201007	Big Creek 3 562 Ops Station Exp	42,627	42,528	99
562 - Station Expenses - Allocated	F201021	Big Creek 4 Sub 562 Ops Station Exp	42,377	42,278	99
562 - Station Expenses - Allocated	F201035	Big Creek 2 562 Ops Station Exp	10,523	10,440	83
562 - Station Expenses - Allocated	F201049	Big Creek 2A 562 Ops Station Exp	10,283	10,200	83
562 - Station Expenses - Allocated	F201061	Big Creek 8 Sub 562 Ops Station Exp	10,643	10,560	83
562 - Station Expenses - Allocated	F201073	MPPH 562 Ops Station Exp	7,492	7,417	76
562 - Station Expenses - Allocated	F201089	Big Creek 1 Sub 562 Ops Station Exp	11,938	11,865	73
562 - Station Expenses - Allocated	F201104	Eastwood PH 562 Ops Station Exp	29,542	29,457	85
562 - Station Expenses - Allocated	F201128	Portal PH 562 Ops Station Exp	10,043	9,975	69
562 - Station Expenses - Allocated	F500393	SUB OPRN MISC STATN EXP	981,058	18	981,040
562 - Station Expenses - Allocated	F500488	SUB OPRN-OPERATING EQUIP TRANS	1,009,386	868,040	141,346
562 - Station Expenses - Allocated	F500492	SUB OPRN-OPERATING EQUIP	1,712,915	1,464,863	248,052
562 - Station Expenses - Allocated	F500493	FSA BILLABLE EXPENSES	1,372	1,372	-
562 - Station Expenses - Allocated	F500495	FSA BILLABLE EXPENSES	48	48	-
562 - Station Expenses - Allocated	F500497	SUB OPRN-OPERATING EQUIP	-	-	-
562 - Station Expenses - Allocated	F500499	SUB OPRN-OPERATING EQUIP	1,084,398	928,964	155,434
562 - Station Expenses - Allocated	F500549	SUB OPRN-OPERATING EQUIP	1,534,632	1,316,311	218,321
562 - Station Expenses - Allocated	F500553	SUB OPRN-OPERATING EQUIP	1,326,728	1,140,404	186,324
562 - Station Expenses - Allocated	F500558	SUB OPRN-OPERATING EQUIP	1,127,808	970,628	157,179
562 - Station Expenses - Allocated	F500559	SUB OPRN-OPERATING EQUIP	1,062,953	916,961	145,992
562 - Station Expenses - Allocated	F500564	SUB OPRN-OPERATING EQUIP	609,989	528,414	81,575
562 - Station Expenses - Allocated	F500572	SUB OPRN-OPERATING EQUIP TRANS	775,663	665,101	110,563
562 - Station Expenses - Allocated	F501554	SUBS EQUIPMENT INSPECTIONS- TRANSMISSION	226,673	210,296	16,377

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		Cost Center Description	Total	Labor	Non-Labor
562 - Station Expenses - Allocated	F501556	SUBS EQUIPMENT INSPECTIONS- TRANSMISSION	204,823	172,506	32,317
562 - Station Expenses - Allocated	F520561	SUB MTCE MISC STATN EXP	558,412	109,829	448,584
562 - Station Expenses - Allocated	F520763	SUBS EQUIPMENT INSP- TRANS FAC1	405	652	(247)
562 - Station Expenses - Allocated	F520804	SUBS EQUIPMENT INSP- TRANS FAC2	1,288	2,235	(947)
562 - Station Expenses - Allocated	F520812	SUBS EQUIPMENT INSP- TRANS FAC4	788	1,818	(1,030)
562 - Station Expenses - Allocated	F520824	EL DORADO SUB OP FAC5	510,615	508,173	2,441
562 - Station Expenses - Allocated	F523026	SUB OPS OPERATING EQUIP TRANS	72,802	55,815	16,987
562 - Station Expenses - Allocated	F523027	SUB OPS STATION EXPENSE	(1,359)	-	(1,359)
562 - Station Expenses - Allocated	F523366	SUB MTCE MISC STATN EXP	413,864	266,518	147,346
562 - Station Expenses - Allocated	F525774	RELAY INSPECTION NW TRANSMISSION	709,318	631,278	78,040
562 - Station Expenses - Allocated	F525776	RELAY INSPECTION SE TRANSMISSION	783,726	729,978	53,748
562 - Station Expenses - Allocated	F525777	RELAY MAINT - TRANS FAC1	6,702	9,675	(2,973)
562 - Station Expenses - Allocated	F525778	RELAY MAINT - TRANS FAC2	2,052	3,207	(1,156)
562 - Station Expenses - Allocated	F525780	RELAY MAINT - TRANS FAC4	27,788	60,731	(32,942)
562 - Station Expenses - Allocated	F525781	RELAY MAINT - TRANS FAC5	3,974	6,657	(2,684)
562 - Station Expenses - Allocated	F525815	SUB OPRN-OPERATING EQUIP - TRANS	987,715	849,232	138,483
562 - Station Expenses - Allocated	F525816	SUB OPRN-OPERATING EQUIP - TRANS	2,020,563	1,724,850	295,714
562 - Station Expenses - Allocated	F527037	EADEVS-Substation Equipment Trans	12,301	10,243	2,058
562 - Station Expenses - Allocated	F527039	EAMESS-Substation Equipment Trans	54,519	47,426	7,092
562 - Station Expenses - Allocated	F527041	EAMIRS-Substation Equipment Trans	3,670	3,262	408
562 - Station Expenses - Allocated	F527043	EAVIIS-Substation Equipment Trans	896,892	773,116	123,775
562 - Station Expenses - Allocated	F527045	NOELDS-Substation Equipment Trans	66,940	58,083	8,858
562 - Station Expenses - Allocated	F527047	NOLUGS-Substation Equipment Trans	10,212	9,069	1,144
562 - Station Expenses - Allocated	F527049	NORECS-Substation Equipment Trans	114,967	99,059	15,908
562 - Station Expenses - Allocated	F527051	NOVENS-Substation Equipment Trans	2,316	2,057	258
562 - Station Expenses - Allocated	F527053	NOVINS-Substation Equipment Trans	16,768	14,576	2,192
562 - Station Expenses - Allocated	F527055	SOORAS-Substation Equipment Trans	2,374	2,087	287
562 - Station Expenses - Allocated	F527057	SOVALS-Substation Equipment Trans	526	527	(1)
562 - Station Expenses - Allocated	F527059	WEELNS-Substation Equipment Trans	10,674	9,177	1,497
562 - Station Expenses - Allocated	F527061	WELIGS-Substation Equipment Trans	62,093	53,372	8,721
562 - Station Expenses - Allocated	F527105	EADEVS-Substation Expense Trans	383	286	97
562 - Station Expenses - Allocated	F527107	EAMESS-Substation Expense Trans	95	84	11
562 - Station Expenses - Allocated	F527109	EAMIRS-Substation Expense Trans	285	253	32
562 - Station Expenses - Allocated	F527114	NOELDS-Substation Expense Trans	417	146	271
562 - Station Expenses - Allocated	F527116	NOLUGS-Substation Expense Trans	1,511	1,342	169
562 - Station Expenses - Allocated	F527118	NORECS-Substation Expense Trans	48,590	21,115	27,474
562 - Station Expenses - Allocated	F527120	NOVENS-Substation Expense Trans	-	-	-
562 - Station Expenses - Allocated	F527122	NOVINS-Substation Expense Trans	301	265	36
562 - Station Expenses - Allocated	F527131	NOELDS-Substation Expense Dist	147	130	17
562 - Station Expenses - Allocated	F527541	RELAY BREAKDOWN NW - TRANS	152,667	86,591	66,076
562 - Station Expenses - Allocated	F527542	RELAY BREAKDOWN SE - TRANS	181,320	124,351	56,970
562 - Station Expenses - Allocated	F527565	RELAY MAINT - NW - TRANSMISSION	102,911	93,485	9,426
562 - Station Expenses - Allocated	F527566	RELAY MAINT - SE - TRANSMISSION	195,715	145,434	50,281
562 - Station Expenses - Allocated	F527569	SUBSCN MISC STATION EXPENSE - TRANS	605,114	539,795	65,319
562 - Station Expenses - Allocated	F527817	OTH EQUIP INSP NW - TRAN	157,202	99,808	57,394
562 - Station Expenses - Allocated	F527818	OTH EQUIP INSP SE - TRAN	44,596	35,023	9,573
562 - Station Expenses - Allocated	F527822	PWR CABLE INSP NW - TRAN	4,166	3,104	1,062
562 - Station Expenses - Allocated	F527823	PWR CABLE INSP SE - TRAN	9,841	8,420	1,421
562 - Station Expenses - Allocated	F527826	DC SYSTEMS INSP NW - TRAN	38,996	27,159	11,836
562 - Station Expenses - Allocated	F527827	DC SYSTEMS INSP SE - TRAN	55,341	45,516	9,825
562 - Station Expenses - Allocated	F530167	GS&RP CB Fast Curve Settings - Trans	57,463	48,271	9,192
562 - Station Expenses - Allocated Total			21,299,111	17,032,799	4,266,312

562 - Sylmar/Palo Verde

F500088 PALO VERDE SWITCHRACK

149,008

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149,008

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		Cost Center Description	Total	Labor	Non-Labor
562 - Sylmar/Palo Verde	F526242	MISC SUBSTN EXP-SYLMAR	31,759	-	31,759
562 - Sylmar/Palo Verde	F526243	TEST-INSP EQUIP/SYLMAR	151	-	151
562 - Sylmar/Palo Verde	F526245	OPERATING SUBSTN/SYLMAR	720,386	-	720,386
562 - Sylmar/Palo Verde Total			901,304	-	901,304
563 - Overhead Line Expenses - Allocated	F501698	SJOA - TRANSM OH INSPECTIONS	606,658	417,946	188,712
563 - Overhead Line Expenses - Allocated	F501701	METE - TRANSM OH INSPECTIONS	784,136	574,036	210,100
563 - Overhead Line Expenses - Allocated	F501704	METW - TRANSM OH INSPECTIONS	491,557	318,787	172,770
563 - Overhead Line Expenses - Allocated	F501707	EAST - TRANSM OH INSPECTIONS	606,552	421,573	184,979
563 - Overhead Line Expenses - Allocated	F501712	ORAN - TRANSM OH INSPECTUIBS	497,026	323,551	173,474
563 - Overhead Line Expenses - Allocated	F501713	SJAC - TRANSM OH INSPECTIONS	68,815	314,918	(246,103)
563 - Overhead Line Expenses - Allocated	F501716	NCST - TRANSM OH INSPECTIONS	570,985	380,526	190,459
563 - Overhead Line Expenses - Allocated	F501719	HIGH - TRANSM OH INSPECTIONS	597,526	412,876	184,649
563 - Overhead Line Expenses - Allocated	F520282	EL DORADO MEAD 220 T/L PATROLS FAC7	1,366	2,270	(905)
563 - Overhead Line Expenses - Allocated	F522769	TOOL EXPENSE	-	-	-
563 - Overhead Line Expenses - Allocated	F525204	TRANSMISSION INTRUSIVE POLE	592,066	43,019	549,047
563 - Overhead Line Expenses - Allocated	F526244	PATROL LINES/DWP 800DC	89,360	-	89,360
563 - Overhead Line Expenses - Allocated	F529718	SJOA - USA OH INSPECTIONS	7,531	6,951	580
563 - Overhead Line Expenses - Allocated	F529719	METE - USA OH INSPECTIONS	1,583	923	660
563 - Overhead Line Expenses - Allocated	F529720	METW - USA OH INSPECTIONS	-	-	-
563 - Overhead Line Expenses - Allocated	F529721	EAST - USA OH INSPECTIONS	298	275	23
563 - Overhead Line Expenses - Allocated	F529722	NCST - USA OH INSPECTIONS	2,164	1,993	171
563 - Overhead Line Expenses - Allocated	F529724	ORAN - USA OH INSPECTIONS	1,744	1,596	148
563 - Overhead Line Expenses - Allocated	F530188	Transmission Inspections	468,872	262,115	206,757
563 - Overhead Line Expenses - Allocated Total			5,388,238	3,483,356	1,904,881
564 - Underground Line Expenses - Allocated	F501702	METE - TRANSM UG INSPECTIONS	201,719	167,899	33,819
564 - Underground Line Expenses - Allocated	F501705	METW - TRANSM UG INSPECTIONS	76,845	66,700	10,145
564 - Underground Line Expenses - Allocated	F501708	EAST - TRANSM UG INSPECTIONS	39,751	24,290	15,460
564 - Underground Line Expenses - Allocated	F501711	ORAN - TRANSM UG INSPECTIONS	113,218	89,408	23,810
564 - Underground Line Expenses - Allocated	F501714	SJAC - TRANSM UG INSPECTIONS	31	(69)	100
564 - Underground Line Expenses - Allocated	F501717	NCST - TRANSM UG INSPECTIONS	108,520	83,615	24,905
564 - Underground Line Expenses - Allocated	F501720	HIGH - TRANSM UG INSPECTIONS	1,375	1,366	9
564 - Underground Line Expenses - Allocated	F529726	SJOA - USA UG INSPECTIONS	2,236	2,080	156
564 - Underground Line Expenses - Allocated	F529727	METE - USA UG INSPECTIONS	182,108	157,976	24,132
564 - Underground Line Expenses - Allocated	F529729	METW - USA UG INSPECTIONS	585,268	498,120	87,148
564 - Underground Line Expenses - Allocated	F529731	EAST - USA UG INSPECTIONS	65,522	56,184	9,338
564 - Underground Line Expenses - Allocated	F529733	NCST - USA UG INSPECTIONS	55,958	50,244	5,714
564 - Underground Line Expenses - Allocated	F529734	HIGH - USA UG INSPECTIONS	10,765	1,505	9,260
564 - Underground Line Expenses - Allocated	F529735	ORAN - USA UG INSPECTIONS	485,936	429,358	56,578
564 - Underground Line Expenses - Allocated	F529736	SJAC - USA UG INSPECTIONS	362	328	34
564 - Underground Line Expenses - Allocated Total			1,929,614	1,629,006	300,608
565 - Wheeling Costs	F528243	GF-Out-of-State Transmission	17,494,579	-	17,494,579
565 - Wheeling Costs	F502983	GF - CRA - Purchased Power	(42,458)	-	(42,458)
565 - Wheeling Costs Total			17,452,121	-	17,452,121
565 - WAPA Transmission for Remote Service	F526610	MEAD PARKER	164,322	-	164,322
565 - WAPA Transmission for Remote Service	F526611	BLYTHE/WAPA	118,008	-	118,008
565 - WAPA Transmission for Remote Service Total			282,330	-	282,330

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		Cost Center Description	Total	Labor	Non-Labor
565 - Transmission of Electricity by Others	F503045	APS-ARIZONA PUBLIC SVC	(9,783)	-	(9,783)
566 - ISO/RSBA/TSP Balancing Accounts	F523361	ISO MUST OFFER OBLIGATION	529,314	-	529,314
566 - ISO/RSBA/TSP Balancing Accounts	F523362	TRANSMISSION ACCESS CHARG	9,285,719	-	9,285,719
566 - ISO/RSBA/TSP Balancing Accounts	F527631	TEHACHAPI WIND ENERGY STORAGE PROJECT	1,241,637	7,440	1,234,197
566 - ISO/RSBA/TSP Balancing Accounts	F530054	PLP Trans Assessments Balancing Account	1,975,933	277,284	1,698,649
566 - ISO/RSBA/TSP Balancing Accounts Total			13,032,603	284,724	12,747,880
566 - Miscellaneous Transmission Expenses - Allocated	F500017	NON IMM JOB ORDERS	955	-	955
566 - Miscellaneous Transmission Expenses - Allocated	F500018	NON IMM JOB ORDERS	44	-	44
566 - Miscellaneous Transmission Expenses - Allocated	F500020	MANAGEMENT/SUPERVISION	2,056	224	1,832
566 - Miscellaneous Transmission Expenses - Allocated	F500029	COMPLIANCE, POLICY & CONTRACTS	370,774	321,082	49,692
566 - Miscellaneous Transmission Expenses - Allocated	F500049	NON IMM JOB ORDERS	(12,300)	5,569	(17,869)
566 - Miscellaneous Transmission Expenses - Allocated	F500103	SUBSTATION TRAINING	1,132,240	838,442	293,798
566 - Miscellaneous Transmission Expenses - Allocated	F500104	CLERICAL/ADMINISTRATIVE	36,532	36,468	64
566 - Miscellaneous Transmission Expenses - Allocated	F500105	CLERICAL/ADMINISTRATIVE	66,389	44,203	22,186
566 - Miscellaneous Transmission Expenses - Allocated	F500343	SJOA - TRANS MISC EXPENSE	93,195	41,710	51,486
566 - Miscellaneous Transmission Expenses - Allocated	F500344	METE - TRANS MISC EXPENSE	9,473	8,690	783
566 - Miscellaneous Transmission Expenses - Allocated	F500345	METW - TRANS MISC EXPENSE	6,710	6,268	442
566 - Miscellaneous Transmission Expenses - Allocated	F500346	EAST - TRANS MISC EXPENSE	2,585	2,643	(57)
566 - Miscellaneous Transmission Expenses - Allocated	F500347	ORAN - TRANS MISC EXPENSE	11,137	10,192	945
566 - Miscellaneous Transmission Expenses - Allocated	F500348	SJAC - TRANS MISC EXPENSE	2,651	2,491	159
566 - Miscellaneous Transmission Expenses - Allocated	F500349	NCST - TRANS MISC EXPENSE	62,176	54,667	7,508
566 - Miscellaneous Transmission Expenses - Allocated	F500350	HIGH - TRANS MISC EXPENSE	134,792	70,938	63,854
566 - Miscellaneous Transmission Expenses - Allocated	F500365	FIELD ACCTG O&M (TRNSM)	308	301	7
566 - Miscellaneous Transmission Expenses - Allocated	F500391	INFO TECHNOLOGIES IMM	346,489	65,650	280,839
566 - Miscellaneous Transmission Expenses - Allocated	F500392	REAL PROPERTIES IMM	15,793	2,442	13,351
566 - Miscellaneous Transmission Expenses - Allocated	F500412	SUB OPRNS JOB TRNG-TRANS	525	-	525
566 - Miscellaneous Transmission Expenses - Allocated	F501722	SJOA CREWS SAFETY	116,780	96,102	20,678
566 - Miscellaneous Transmission Expenses - Allocated	F501725	EAST CREWS - SAFETY	127,219	116,370	10,850
566 - Miscellaneous Transmission Expenses - Allocated	F513834	ELDORADOSUBSite-Maintenance	20,932	24	20,908
566 - Miscellaneous Transmission Expenses - Allocated	F513840	ELDORADOSubBuilding-Maintenance	1,530	-	1,530
566 - Miscellaneous Transmission Expenses - Allocated	F514937	DEVERSSUBSite-Maintenance	18,015	20	17,995
566 - Miscellaneous Transmission Expenses - Allocated	F514945	DEVERSSUBBldg-Janitorial	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514946	DEVERSSUBBldg-Landscape	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514948	ELNIDOSUBSite	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514950	ELNIDOSUBSite-Maintenance	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514952	ELNIDOSUBSite-Janitorial	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514956	ELNIDOSUBBldg-Maintenance	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514958	ELNIDOSUBBldg-Janitorial	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514959	ELNIDOSUBBldg-Landscape	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514963	ELLISSUBSite-Maintenance	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514965	ELLISSUBSite-Janitorial	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514971	ELLISSUBBldg-Janitorial	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514974	LIGHTHIPESUBSite	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514976	LIGHTHIPESUBSite-Maintenance	57,599	157	57,443
566 - Miscellaneous Transmission Expenses - Allocated	F514978	LIGHTHIPESUBSite-Janitorial	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514979	LIGHTHIPESUBSite-Landscape	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514982	LIGHTHIPESUBBldg-Maintenance	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514984	LIGHTHIPESUBBldg-Janitorial	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514985	LIGHTHIPESUBBldg-Landscape	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514989	MESASUBSite-Maintenance	-	-	-

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		Total	Labor	Non-Labor
566 - Miscellaneous Transmission Expenses - Allocated	F514991	MESASUBSite-Janitorial	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514995	MESASUBBldg-Maintenance	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514997	MESASUBBldg-Janitorial	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F514998	MESASUBBldg-Landscape	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515002	MIRALOMASUBSite-Maintenance	4,972	-
566 - Miscellaneous Transmission Expenses - Allocated	F515004	MIRALOMASUBSite-Janitorial	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515007	MIRALOMASUBBldg	4,789	4,789
566 - Miscellaneous Transmission Expenses - Allocated	F515008	MIRALOMASUBBldg-Maintenance	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515010	MIRALOMASUBBldg-Janitorial	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515011	MIRALOMASUBBldg-Landscape	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515015	VALLEYSUBSite-Maintenance	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515021	VALLEYSUBBldg-Maintenance	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515023	VALLEYSUBBldg-Janitorial	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515024	VALLEYSUBBldg-Landscape	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515028	VILLAPARKSUBSite-Maintenance	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515030	VILLAPARKSUBSite-Janitorial	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515031	VILLAPARKSUBSite-Landscape	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515034	VILLAPARKSUBBldg-Maintenance	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515036	VILLAPARKSUBBldg-Janitorial	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515039	VISTASUBSite	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515041	VISTASUBSite-Maintenance	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515043	VISTASUBSite-Janitorial	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515044	VISTASUBSite-Landscape	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515047	VISTASUBBldg-Maintenance	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515049	VISTASUBBldg-Janitorial	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F515050	VISTASUBBldg-Landscape	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F520025	MAJOR PROJECT ORGANIZATION	6,919	397
566 - Miscellaneous Transmission Expenses - Allocated	F520112	FERC Grid Contract Mgmt	1,216,922	1,095,926
566 - Miscellaneous Transmission Expenses - Allocated	F520113	CONTRACT ANALYSIS & AMENDMENTS	447,173	416,002
566 - Miscellaneous Transmission Expenses - Allocated	F520114	INTERCONNECTION & CONTRACT DEVELOPMENT	3,963,237	3,056,300
566 - Miscellaneous Transmission Expenses - Allocated	F520115	CPUC Grid Contract Mgmt	810,505	731,043
566 - Miscellaneous Transmission Expenses - Allocated	F520124	PROVIDE/MAINTAIN IT	118,870	520
566 - Miscellaneous Transmission Expenses - Allocated	F520195	CHARGE TYPE 575 - GMC	11,965	-
566 - Miscellaneous Transmission Expenses - Allocated	F520497	HIGH - MNR MISCELLAN CHRGBCKS	4,661	-
566 - Miscellaneous Transmission Expenses - Allocated	F520498	METW - MNR MISCELLAN CHRGBCKS	1,693	-
566 - Miscellaneous Transmission Expenses - Allocated	F520499	NCST - MNR MISCELLAN CHRGBCKS	716	-
566 - Miscellaneous Transmission Expenses - Allocated	F520500	SJOA - MNR MISCELLAN CHRGBCKS	1,997	-
566 - Miscellaneous Transmission Expenses - Allocated	F520501	EAST - MNR MISCELLAN CHRGBCKS	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F520502	METE - MNR MISCELLAN CHRGBCKS	602	-
566 - Miscellaneous Transmission Expenses - Allocated	F520503	ORAN - MNR MISCELLAN CHRGBCKS	28	(2)
566 - Miscellaneous Transmission Expenses - Allocated	F520505	TRANS DIR & STAFF - NON IMM REL EXP	(4,532)	10
566 - Miscellaneous Transmission Expenses - Allocated	F520506	TRANS TPM - MNR MISCELLAN CHRGBCKS	5,084	-
566 - Miscellaneous Transmission Expenses - Allocated	F520507	TRANS RPPM - MNR MISCELLAN CHRGBCKS	245	-
566 - Miscellaneous Transmission Expenses - Allocated	F520508	CHARGEBACK REQUESTS	7,381	11
566 - Miscellaneous Transmission Expenses - Allocated	F520510	TRANS B STATIONS MNR MISCELLAN	2,146	-
566 - Miscellaneous Transmission Expenses - Allocated	F520512	CHARGEBACK REQUESTS	56,512	180
566 - Miscellaneous Transmission Expenses - Allocated	F520515	TRANS COMM MGMT - NON IMM REL EXP	2,146	-
566 - Miscellaneous Transmission Expenses - Allocated	F520668	DEFAULT TRANSMISSION O&M ACTIVITY	(77)	21
566 - Miscellaneous Transmission Expenses - Allocated	F520669	DEFAULT TRANSCAPITAL PROJECT ACTIVITY	(293)	992
566 - Miscellaneous Transmission Expenses - Allocated	F520740	INFO MTGS/GRIEV	118,332	92,561
566 - Miscellaneous Transmission Expenses - Allocated	F520832	EL DORADO MOH 500 T/L MISC FAC8	120	419
566 - Miscellaneous Transmission Expenses - Allocated	F520927	METE - DEVELOPMENT TRAINING	55,286	29,178
566 - Miscellaneous Transmission Expenses - Allocated	F521794	3RD PARTY ATTACHMENT -TRANS	24,233	4,250
566 - Miscellaneous Transmission Expenses - Allocated	F522157	SAFETY ACTIVITIES	332	322
566 - Miscellaneous Transmission Expenses - Allocated	F522367	METE CREWS - SAFETY	143,702	134,964
				8,737

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566 - Miscellaneous Transmission Expenses - Allocated	F522368	METW CREWS - SAFETY	145,117	141,194	3,923
566 - Miscellaneous Transmission Expenses - Allocated	F522370	ORAN CREWS - SAFETY	222,752	153,548	69,205
566 - Miscellaneous Transmission Expenses - Allocated	F522371	SJAC CREWS - SAFETY	48,987	46,630	2,357
566 - Miscellaneous Transmission Expenses - Allocated	F522372	NCST CREWS - SAFETY	119,048	111,296	7,751
566 - Miscellaneous Transmission Expenses - Allocated	F522373	HIGH CREWS - SAFETY	193,706	177,807	15,900
566 - Miscellaneous Transmission Expenses - Allocated	F522517	SAFETY MEETINGS	1,254,231	946,866	307,365
566 - Miscellaneous Transmission Expenses - Allocated	F522589	TRANS PROJECT DELIVERY - SAFETY	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F522592	TRANS ROW INFORMATION MEETINGS	5,369	5,369	-
566 - Miscellaneous Transmission Expenses - Allocated	F522707	TRANS GEN INTRCN&A/F MNR MISCELLAN	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F522712	TRANS-RECOGNITION	159	148	11
566 - Miscellaneous Transmission Expenses - Allocated	F522713	TRANS DSGN MGMT TPM PROJECTS MNR MISC	176	-	176
566 - Miscellaneous Transmission Expenses - Allocated	F523023	SUB OPS JOB TRAINING	6,133	-	6,133
566 - Miscellaneous Transmission Expenses - Allocated	F523029	RECOGNITION/COMP PROGRAM	15,919	9,000	6,919
566 - Miscellaneous Transmission Expenses - Allocated	F523035	COMPLIANCE TRAINING	24,972	8,505	16,467
566 - Miscellaneous Transmission Expenses - Allocated	F523254	SAFETY SUPPORT	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F523255	SAFETY PROJECT MGMT	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F523260	Training Development Transmission	562,261	89,356	472,905
566 - Miscellaneous Transmission Expenses - Allocated	F523268	TECHNICAL TRAINING TRANSMISSION	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F523270	TECHNICAL TRAINING TRANSMISSION	252,478	74,782	177,697
566 - Miscellaneous Transmission Expenses - Allocated	F523372	TECHNICAL TRAINING	56,380	55,262	1,118
566 - Miscellaneous Transmission Expenses - Allocated	F523373	TECHNICAL TRAINING	56,379	55,261	1,118
566 - Miscellaneous Transmission Expenses - Allocated	F523374	TECHNICAL TRAINING	198	-	198
566 - Miscellaneous Transmission Expenses - Allocated	F523414	TECHNICAL TRAINING	71	71	-
566 - Miscellaneous Transmission Expenses - Allocated	F525239	TRANS RPPM - SAFETY	3,607	345	3,262
566 - Miscellaneous Transmission Expenses - Allocated	F525240	TRANS DESIGN MGMT - SAFETY	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F525241	TRANS ASSET MGR - SAFETY	83,145	15,985	67,161
566 - Miscellaneous Transmission Expenses - Allocated	F525401	TRANSMISSION JOB TRAINING FOR SUBSTATION	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F525626	TELECOM SFTY	375,320	253,133	122,186
566 - Miscellaneous Transmission Expenses - Allocated	F525627	TELECOM TRAINING	1,514	886	629
566 - Miscellaneous Transmission Expenses - Allocated	F525628	TELECOM WRK ORDER RELTD EXPENSE	76,736	11,507	65,229
566 - Miscellaneous Transmission Expenses - Allocated	F525666	Milestone Anniversary Event - E&TS	6,264	-	6,264
566 - Miscellaneous Transmission Expenses - Allocated	F525853	RELIABILITY STANDARDS COMPLIANCE	171	-	171
566 - Miscellaneous Transmission Expenses - Allocated	F525854	EMPLOYEE DEVELOPMENT TRAINING	149	149	-
566 - Miscellaneous Transmission Expenses - Allocated	F525924	SPECIAL PROJECTS	557	-	557
566 - Miscellaneous Transmission Expenses - Allocated	F526008	Employee Recognition	4,182	61	4,121
566 - Miscellaneous Transmission Expenses - Allocated	F526009	EMPLOYEE RECOGNITION	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F526011	Employee Recognition	60	57	3
566 - Miscellaneous Transmission Expenses - Allocated	F526013	INNOVATION MANAGEMENT	52	-	52
566 - Miscellaneous Transmission Expenses - Allocated	F526055	RECOGNITION/COMP PROGRAM TRANSM	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F526057	RECOGNITION/COMP PROGRAM TRANSM	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F526178	TRANS CONSTR METHODS - NON IMM REL EXP	56	-	56
566 - Miscellaneous Transmission Expenses - Allocated	F526179	TRANS CONSTRUCTION METHODS - SAFETY	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F526183	EMPLOYEE RECOGNITION	636	603	33
566 - Miscellaneous Transmission Expenses - Allocated	F526184	EMPLOYEE RECOGNITION	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F526186	EMPLOYEE RECOGNITION	28,332	6,597	21,735
566 - Miscellaneous Transmission Expenses - Allocated	F526188	EMPLOYEE RECOGNITION	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F526189	EMPLOYEE RECOGNITION	2,558	2,030	529
566 - Miscellaneous Transmission Expenses - Allocated	F526190	EMPLOYEE RECOGNITION	(1,239)	-	(1,239)
566 - Miscellaneous Transmission Expenses - Allocated	F526199	INCENTIVE COMPENSATION PROGRAM	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F526453	MISC EXPENSES NW FAO TRANSMISSION	13,388	6	13,382
566 - Miscellaneous Transmission Expenses - Allocated	F526455	Milestone Anniversary Event - MPO	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F526493	TECHNICAL TRAINING-TRANSMISSION	85	85	-
566 - Miscellaneous Transmission Expenses - Allocated	F526556	SAFETY ACTIVITIES	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F526579	DEFAULT ACCOUNT	(49)	-	(49)
566 - Miscellaneous Transmission Expenses - Allocated	F526605	DEFAULT BUS MGMT	(12)	(0)	(12)

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566 - Miscellaneous Transmission Expenses - Allocated	F526606	DEFAULT GEN INT & MOS	(10)	(10)
566 - Miscellaneous Transmission Expenses - Allocated	F526613	GENERATION	439,374	407,251
566 - Miscellaneous Transmission Expenses - Allocated	F526620	DEFAULT RES PLAN & PERF MGMT	1	1
566 - Miscellaneous Transmission Expenses - Allocated	F526634	EMPLOYEE RECOGNITION	44,847	24,297
566 - Miscellaneous Transmission Expenses - Allocated	F526649	WORK ORDER WRITE OFF TRANSMISSION LINES	2,028,866	1,432,364
566 - Miscellaneous Transmission Expenses - Allocated	F526650	WORK ORDER WRITE OFF TRANSMISSION SUBS	1,501,994	168,845
566 - Miscellaneous Transmission Expenses - Allocated	F526689	ORANGECOSUBSite-Maintenance	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F526695	ORANGECOSUBBldg-Maintenance	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F526698	ORANGECOSUBBldg-Landscape	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F526717	SJOA-INFORMATION MEETINGS	24,611	24,085
566 - Miscellaneous Transmission Expenses - Allocated	F526718	METE-INFORMATION MEETINGS	53,021	52,903
566 - Miscellaneous Transmission Expenses - Allocated	F526719	METW-INFORMATION MEETINGS	52,738	51,998
566 - Miscellaneous Transmission Expenses - Allocated	F526720	EAST-INFORMATION MEETINGS	4,793	4,793
566 - Miscellaneous Transmission Expenses - Allocated	F526721	NCST-INFORMATION MEETINGS	25,391	24,782
566 - Miscellaneous Transmission Expenses - Allocated	F526722	HIGH-INFORMATION MEETINGS	13,644	13,392
566 - Miscellaneous Transmission Expenses - Allocated	F526723	ORAN-INFORMATION MEETINGS	10,911	10,911
566 - Miscellaneous Transmission Expenses - Allocated	F526724	SJAC-INFORMATION MEETINGS	1,007	1,007
566 - Miscellaneous Transmission Expenses - Allocated	F526799	MISCELLANEOUS EXPENSES-TRANSMISSION	219,710	2,152
566 - Miscellaneous Transmission Expenses - Allocated	F527141	EADEVS Information Meetings-Trans	703	703
566 - Miscellaneous Transmission Expenses - Allocated	F527142	EADEVS Safety Activities-Trans	600	600
566 - Miscellaneous Transmission Expenses - Allocated	F527143	EADEVS Safety Meetings-Trans	6,515	6,405
566 - Miscellaneous Transmission Expenses - Allocated	F527144	EAMESS Information Meetings-Trans	506	506
566 - Miscellaneous Transmission Expenses - Allocated	F527145	EAMESS Safety Activities-Trans	2,227	2,224
566 - Miscellaneous Transmission Expenses - Allocated	F527146	EAMESS Safety Meetings-Trans	5,648	5,648
566 - Miscellaneous Transmission Expenses - Allocated	F527147	EAMIRS Information Meetings-Trans	11,316	11,256
566 - Miscellaneous Transmission Expenses - Allocated	F527148	EAMIRS Safety Activities-Trans	5,474	5,474
566 - Miscellaneous Transmission Expenses - Allocated	F527149	EAMIRS Safety Meetings-Trans	15,586	15,525
566 - Miscellaneous Transmission Expenses - Allocated	F527150	EAIVSS Information Meetings-Trans	1,221	1,221
566 - Miscellaneous Transmission Expenses - Allocated	F527151	EAIVSS Safety Activities-Trans	15,833	15,833
566 - Miscellaneous Transmission Expenses - Allocated	F527152	EAIVSS Safety Meetings-Trans	8,016	8,016
566 - Miscellaneous Transmission Expenses - Allocated	F527153	NOELDS Safety Activities-Trans	3,900	3,900
566 - Miscellaneous Transmission Expenses - Allocated	F527154	NOELDS Safety Meetings-Trans	7,680	7,322
566 - Miscellaneous Transmission Expenses - Allocated	F527155	NOLUGS Information Meetings-Trans	1,464	1,464
566 - Miscellaneous Transmission Expenses - Allocated	F527156	NOLUGS Safety Activities-Trans	350	350
566 - Miscellaneous Transmission Expenses - Allocated	F527157	NOLUGS Safety Meetings-Trans	6,292	6,292
566 - Miscellaneous Transmission Expenses - Allocated	F527158	NORECS Information Meetings-Trans	341	341
566 - Miscellaneous Transmission Expenses - Allocated	F527159	NORECS Safety Activities-Trans	10,180	10,012
566 - Miscellaneous Transmission Expenses - Allocated	F527160	NOVENS Information Meetings-Trans	274	274
566 - Miscellaneous Transmission Expenses - Allocated	F527161	NOVENS Safety Activities-Trans	35	35
566 - Miscellaneous Transmission Expenses - Allocated	F527162	NOVENS Safety Meetings-Trans	9,205	9,083
566 - Miscellaneous Transmission Expenses - Allocated	F527163	NOVINS Information Meetings-Trans	60	60
566 - Miscellaneous Transmission Expenses - Allocated	F527164	NOVINS Safety Activities-Trans	1,448	1,413
566 - Miscellaneous Transmission Expenses - Allocated	F527165	NOVINS Safety Meetings-Trans	3,148	3,026
566 - Miscellaneous Transmission Expenses - Allocated	F527167	SOVALS Safety Activities-Trans	107	107
566 - Miscellaneous Transmission Expenses - Allocated	F527168	SOVALS Safety Meetings-Trans	2,582	2,582
566 - Miscellaneous Transmission Expenses - Allocated	F527169	SOORAS Information Meetings-Trans	3,144	3,144
566 - Miscellaneous Transmission Expenses - Allocated	F527170	SOORAS Safety Activities-Trans	697	697
566 - Miscellaneous Transmission Expenses - Allocated	F527171	SOORAS Safety Activities-Trans	7,355	7,355
566 - Miscellaneous Transmission Expenses - Allocated	F527173	WEELNS Safety Activities-Trans	652	652
566 - Miscellaneous Transmission Expenses - Allocated	F527174	WEELNS Safety Meetings-Trans	2,275	2,275
566 - Miscellaneous Transmission Expenses - Allocated	F527175	WELIGS Information Meetings-Trans	1,605	1,605
566 - Miscellaneous Transmission Expenses - Allocated	F527176	WELIGS Safety Activities-Trans	3,293	3,293
566 - Miscellaneous Transmission Expenses - Allocated	F527177	WELIGS Safety Meetings-Trans	2,718	2,718
566 - Miscellaneous Transmission Expenses - Allocated	F527472	TRANS LICENSING EMPL DEVLPMT TRAINING	1,522	885
566 - Miscellaneous Transmission Expenses - Allocated	F527474	TRANS LICENSING TECHNICAL TRAINING	277	277

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566 - Miscellaneous Transmission Expenses - Allocated	F527481	ROW SAFETY MEETINGS	28,745	27,725	1,021
566 - Miscellaneous Transmission Expenses - Allocated	F527483	TRANS LICENSING SAFETY MEETINGS	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F527484	TRANS CONSTMGT SAFETY MEETINGS	5,334	-	5,334
566 - Miscellaneous Transmission Expenses - Allocated	F527485	TRANS ASSET MGMT - MNR MISCELLAN	8,034	-	8,034
566 - Miscellaneous Transmission Expenses - Allocated	F527486	TRANS TPM MINOR MISC EXPNS	1,741	-	1,741
566 - Miscellaneous Transmission Expenses - Allocated	F527487	TRANS LICENSE GRP MINOR MISC EXPNS	527	-	527
566 - Miscellaneous Transmission Expenses - Allocated	F527488	TRANS CONST MGMT MINOR MISC EXPNS	2,133	-	2,133
566 - Miscellaneous Transmission Expenses - Allocated	F527567	NORECS SAFETY MEETINGS - TRANS	9,527	8,313	1,214
566 - Miscellaneous Transmission Expenses - Allocated	F527675	Milestone Anniversary Event - SCM	1,787	565	1,222
566 - Miscellaneous Transmission Expenses - Allocated	F527676	Milestone Anniversary Event - Trans	872	-	872
566 - Miscellaneous Transmission Expenses - Allocated	F527922	NERC Compliance Regulatory	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F527923	Cyber Security	2,164	12	2,152
566 - Miscellaneous Transmission Expenses - Allocated	F527924	Contract Analysis & Mgmt	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F527961	Integ, Maint. & Improvement Training	241,356	126,079	115,277
566 - Miscellaneous Transmission Expenses - Allocated	F527963	ANNUAL COMPLIANCE	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F527964	FIELD ACCOUNTING TRAINING	49,593	43,055	6,538
566 - Miscellaneous Transmission Expenses - Allocated	F527976	TRANSMISSION TRAINING	2,198,831	1,574,048	624,783
566 - Miscellaneous Transmission Expenses - Allocated	F527977	DEPLOYMENT TRAINING	115	-	115
566 - Miscellaneous Transmission Expenses - Allocated	F528020	PXCP RESIDUAL W.O. WRITE OFF TRANS LINES	760,168	637,366	122,803
566 - Miscellaneous Transmission Expenses - Allocated	F528021	PXCP RESIDUAL W.O. WRITE OFF TRANS SUBS	(376,617)	(268,375)	(108,241)
566 - Miscellaneous Transmission Expenses - Allocated	F528103	EMPLOYEE DEVELOPMENT TRAINING - TRANS	7,194	6,740	455
566 - Miscellaneous Transmission Expenses - Allocated	F528105	COMPLIANCE TRAINING - TRANSMISSION	813,522	752,261	61,261
566 - Miscellaneous Transmission Expenses - Allocated	F528107	TECHNICAL TRAINING - TRANSMISSION	4,173,268	3,401,926	771,342
566 - Miscellaneous Transmission Expenses - Allocated	F528148	SJOA ENCROACHMENT INVSTGN	74,190	42,610	31,579
566 - Miscellaneous Transmission Expenses - Allocated	F528149	METE ENCROACHMENT INVSTGN	41,047	35,533	5,514
566 - Miscellaneous Transmission Expenses - Allocated	F528150	METW ENCROACHMENT INVSTGN	32,269	24,597	7,672
566 - Miscellaneous Transmission Expenses - Allocated	F528151	EAST ENCROACHMENT INVSTGN	76,243	70,171	6,072
566 - Miscellaneous Transmission Expenses - Allocated	F528152	ORAN ENCROACHMENT INVSTGN	50,811	45,564	5,247
566 - Miscellaneous Transmission Expenses - Allocated	F528153	SJAC ENCROACHMENT INVSTGN	13,181	11,929	1,252
566 - Miscellaneous Transmission Expenses - Allocated	F528154	NCST ENCROACHMENT INVSTGN	150,562	44,838	105,723
566 - Miscellaneous Transmission Expenses - Allocated	F528155	HIGH ENCROACHMENT INVSTGN	69,209	63,596	5,614
566 - Miscellaneous Transmission Expenses - Allocated	F528156	SJOA PATROL/ROW LOGS MAINT	23,038	20,935	2,104
566 - Miscellaneous Transmission Expenses - Allocated	F528157	METE PATROL/ROW LOGS MAINT	20,739	18,778	1,961
566 - Miscellaneous Transmission Expenses - Allocated	F528158	METW PATROL/ROW LOGS MAINT	6,092	5,686	406
566 - Miscellaneous Transmission Expenses - Allocated	F528159	EAST PATROL/ROW LOGS MAINT	6,304	5,735	569
566 - Miscellaneous Transmission Expenses - Allocated	F528160	ORAN PATROL/ROW LOGS MAINT	1,179	1,115	64
566 - Miscellaneous Transmission Expenses - Allocated	F528162	NCST PATROL/ROW LOGS MAINT	81,764	73,900	7,864
566 - Miscellaneous Transmission Expenses - Allocated	F528163	HIGH PATROL/ROW LOGS MAINT	14,322	12,987	1,336
566 - Miscellaneous Transmission Expenses - Allocated	F528181	PWRD Shareholder Funded - Trans Expenses	7,735	7,034	701
566 - Miscellaneous Transmission Expenses - Allocated	F528201	PROVISIONS/ACCRAULS WRITE OFF TRANS	1,806,633	-	1,806,633
566 - Miscellaneous Transmission Expenses - Allocated	F528292	SJOA - POLE LOADING PROGRAM	(46)	67	(113)
566 - Miscellaneous Transmission Expenses - Allocated	F528293	METE - POLE LOADING PROGRAM	25,550	16,368	9,182
566 - Miscellaneous Transmission Expenses - Allocated	F528294	METW - POLE LOADING PROGRAM	4,074	3,465	608
566 - Miscellaneous Transmission Expenses - Allocated	F528295	EAST - POLE LOADING PROGRAM	1,102	1,007	96
566 - Miscellaneous Transmission Expenses - Allocated	F528296	NCST - POLE LOADING PROGRAM	14,733	13,275	1,458
566 - Miscellaneous Transmission Expenses - Allocated	F528297	HIGH - POLE LOADING PROGRAM	9,126	1,504	7,622
566 - Miscellaneous Transmission Expenses - Allocated	F528298	ORAN - POLE LOADING PROGRAM	8,756	7,870	886
566 - Miscellaneous Transmission Expenses - Allocated	F528299	SJAC - POLE LOADING PROGRAM	2,655	2,395	260
566 - Miscellaneous Transmission Expenses - Allocated	F528316	TRANSMISSION SAFETY RECOGNITION	9,912	2,298	7,614
566 - Miscellaneous Transmission Expenses - Allocated	F528427	PACKAGED SOFTWARE	701	-	701
566 - Miscellaneous Transmission Expenses - Allocated	F528444	TLRR MISC EXPENSE	20,705	7,322	13,383
566 - Miscellaneous Transmission Expenses - Allocated	F528563	SAFETY ACTIVITIES	90,641	55,552	35,089
566 - Miscellaneous Transmission Expenses - Allocated	F528670	TRANS POLE LOADING 3RD PARTY ATTACHMENT	287,578	81,597	205,981
566 - Miscellaneous Transmission Expenses - Allocated	F528722	BUDGET ONLY-ENCROACHMENTS	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F529047	Infrastructure Policy 566G	709,765	695,404	14,361

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566 - Miscellaneous Transmission Expenses - Allocated	F529107	POLE LOADING PROGRAM TRANSMISSION	41	39	1
566 - Miscellaneous Transmission Expenses - Allocated	F529237	ESP Mgmt Software	3,737	-	3,737
566 - Miscellaneous Transmission Expenses - Allocated	F529244	Governmt Land Encroachment Investigation	1,999	1,840	159
566 - Miscellaneous Transmission Expenses - Allocated	F529245	LM South Encroachment Investigation	195,296	69,971	125,325
566 - Miscellaneous Transmission Expenses - Allocated	F529246	LM North Encroachment Investigation	213,805	68,751	145,055
566 - Miscellaneous Transmission Expenses - Allocated	F529247	LM Metro Encroachment Investigation	261,218	123,152	138,066
566 - Miscellaneous Transmission Expenses - Allocated	F529248	LM East Encroachment Investigation	511,488	228,743	282,745
566 - Miscellaneous Transmission Expenses - Allocated	F529295	Restoration Environmental Activities	8,699,490	426,052	8,273,438
566 - Miscellaneous Transmission Expenses - Allocated	F529366	Land Mgmt South Consent Review	29,604	10,020	19,584
566 - Miscellaneous Transmission Expenses - Allocated	F529367	Land Mgmt North Consent Review	17,814	66,798	(48,984)
566 - Miscellaneous Transmission Expenses - Allocated	F529368	Land Mgmt Metro Consent Review	19,084	37,714	(18,630)
566 - Miscellaneous Transmission Expenses - Allocated	F529369	Land Mgmt East Consent Review	21,097	110,253	(89,156)
566 - Miscellaneous Transmission Expenses - Allocated	F529371	Other Trans Misc. Expsns Govmnt Land	(48,587)	(46,258)	(2,329)
566 - Miscellaneous Transmission Expenses - Allocated	F529373	Other Trans Misc. Expsns Land Mgmt	23,985	22,325	1,659
566 - Miscellaneous Transmission Expenses - Allocated	F529381	Govmnt Land Consent Review	9,204	-	9,204
566 - Miscellaneous Transmission Expenses - Allocated	F529829	AT OPERATIONS & PROJECT MGMT (TRANS)	12,884	3	12,881
566 - Miscellaneous Transmission Expenses - Allocated	F529888	CORPORATE REAL ESTATE TRANS SUB MNT	3,052,859	16,010	3,036,849
566 - Miscellaneous Transmission Expenses - Allocated	F529904	EMPLOYEE RECOGNITION	-	-	-
566 - Miscellaneous Transmission Expenses - Allocated	F529932	Meter Services Training Transmission	436,115	216,973	219,142
566 - Miscellaneous Transmission Expenses - Allocated	F529949	Telecom Information Meetings - NW	20,378	19,776	602
566 - Miscellaneous Transmission Expenses - Allocated	F529950	Telecom Information Meetings - SE	18,928	18,463	465
566 - Miscellaneous Transmission Expenses - Allocated	F529971	Analysis & Rptng Tran- Quality Oversight	179,566	178,488	1,078
566 - Miscellaneous Transmission Expenses - Allocated	F530059	Joint Pole Transmission Activity	85,216	73,097	12,119
566 - Miscellaneous Transmission Expenses - Allocated	F530060	Joint Pole Transmission Mgmt/Sup	20,601	20,055	546
566 - Miscellaneous Transmission Expenses - Allocated	F530109	GRID CONTROL COMPLIANCE TRAINING - T	7,294	-	7,294
566 - Miscellaneous Transmission Expenses - Allocated Total		43,137,241	21,165,534	21,971,707	
566 - Sylmar/Palo Verde/Other General Functions	F503041	UPL PHASE SHIFTER	336,335	-	336,335
566 - Sylmar/Palo Verde/Other General Functions	F526239	MICS LINE EXP/DWP 800DC	774,053	-	774,053
566 - Sylmar/Palo Verde/Other General Functions Total		1,110,387	-	1,110,387	
567 - Line Rents - Allocated	F500336	METE LINE RENTS - FERC	(6)	-	(6)
567 - Line Rents - Allocated	F526812	MORONGO LICENSING FEES	6,500,000	-	6,500,000
567 - Line Rents - Allocated	F529225	Transmission FERC Line Rents Govmnt Land	6,535,413	890	6,534,523
567 - Line Rents - Allocated	F529226	Transmission CPUC Line Rents Govmnt Land	818,088	-	818,088
567 - Line Rents - Allocated	F529229	Transmission FERC Line Rents Land Mgmt	138,355	4,554	133,801
567 - Line Rents - Allocated	F529230	Transmission CPUC Line Rents Land Mgmt	1,947,637	171	1,947,466
567 - Line Rents - Allocated Total		15,939,487	5,614	15,933,873	
567 - Eldorado	F520827	EL DORADO MEAD 220 T/L RENTS FAC7	39,821	-	39,821
567 - Eldorado	F520830	EL DORADO MOH 500 T/L RENTS FAC8	43,057	-	43,057
567 - Eldorado Total		82,879	-	82,879	
567 - Sylmar/Palo Verde	F520161	LINE RENTS/DWP-E 800DC	228,695	-	228,695
567 - Sylmar/Palo Verde	F520162	SUBSTATION RENTS/SYLMAR	185,308	-	185,308
567 - Sylmar/Palo Verde	F526246	LINE RENTS/DWP 800DC	24,000	-	24,000
567 - Sylmar/Palo Verde Total		438,003	-	438,003	
568 - Maintenance Supervision and Engineering - Allocated	F200897	MP&E 568 Station Exp	-	-	-
568 - Maintenance Supervision and Engineering - Allocated	F502637	MANAGEMENT AND SUPERVISION T	1,481,139	1,280,301	200,838

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		Cost Center Description	Total	Labor	Non-Labor
568 - Maintenance Supervision and Engineering - Allocated	F520565	SUB MTCE, SUPERVISION	1,097,624	951,513	146,111
568 - Maintenance Supervision and Engineering - Allocated	F520826	EL DORADO MTCE SUP FAC5	-	-	-
568 - Maintenance Supervision and Engineering - Allocated	F523429	SUB MTC-OPRN EXP-SONGS-CR	(7,106)	-	(7,106)
568 - Maintenance Supervision and Engineering - Allocated Total			2,571,657	2,231,814	339,843
568 - Sylmar/Palo Verde	F526241	MAINTANENCE SUPERVISION	248,127	-	248,127
569 - Maintenance of Structures - Allocated	F200730	Control Sub 569 Maint Structure	3,623	2,277	1,347
569 - Maintenance of Structures - Allocated	F200733	Casa Diablo Sub 569 Maint Structure	3,914	-	3,914
569 - Maintenance of Structures - Allocated	F200739	Lee Vining Sub 569 Maint Structure	3,428	(29,517)	32,946
569 - Maintenance of Structures - Allocated	F200742	Inyo Sub 569 Maint Structure	-	-	-
569 - Maintenance of Structures - Allocated	F200745	Sherwin Sub 569 Maint Structure	-	-	-
569 - Maintenance of Structures - Allocated	F200748	Control Sub 569 Maint Structure	80	-	80
569 - Maintenance of Structures - Allocated	F200751	Bridgeport Sub 569 Maint Structure	-	-	-
569 - Maintenance of Structures - Allocated	F200754	Zack 569 Maint Structure	953	-	953
569 - Maintenance of Structures - Allocated	F200757	June Lake Sub 569 Maint Structure	-	-	-
569 - Maintenance of Structures - Allocated	F200766	MTTom 569 Maint Structure	85	-	85
569 - Maintenance of Structures - Allocated	F200772	Skiland 569 Maint Structure	-	-	-
569 - Maintenance of Structures - Allocated	F200775	Minaret Sub 569 Maint Structure	-	-	-
569 - Maintenance of Structures - Allocated	F528260	TRANSMISSION IT IMM HARDWARE	6	-	6
569 - Maintenance of Structures - Allocated	F527573	SPCC SE TRANS	40,514	3,441	37,073
569 - Maintenance of Structures - Allocated	F528261	TRANSMISSION IT IMM SOFTWARE	50	50	-
569 - Maintenance of Structures - Allocated	F529972	IT Prod & Svcs O&M - Transmission	3,013,858	8,176	3,005,682
569 - Maintenance of Structures - Allocated	G905691	Topsides-569100	6,146,016	-	6,146,016
569 - Maintenance of Structures - Allocated	G905692	Topsides-569200	20,377,480	-	20,377,480
569 - Maintenance of Structures - Allocated	G905693	Topsides-569300	11,001,059	-	11,001,059
569 - Maintenance of Structures - Allocated Total			40,591,067	(15,574)	40,606,641
569 - Sylmar/Palo Verde	F526249	REP STRUCT/DWP-E 800DC	317	-	317
569 - Sylmar/Palo Verde	F526250	REPAIR SUB YARDS/SYLMAR	147,050	-	147,050
569 - Sylmar/Palo Verde			147,367	-	147,367
570 - Maintenance of Station Equipment - Allocated	F200641	Bishop Creek 2 570 Maint Station Equip	-	-	-
570 - Maintenance of Station Equipment - Allocated	F200651	Bishop Creek 3 570 Maint Station Equip	-	-	-
570 - Maintenance of Station Equipment - Allocated	F200661	Bishop Creek 4 570 Maint Station Equip	-	-	-
570 - Maintenance of Station Equipment - Allocated	F200714	Poole Ph 570 Maint Station Equipment	2,346	839	1,506
570 - Maintenance of Station Equipment - Allocated	F200723	Rush Crk PH 570 Maint Station Equipment	3,876	3,876	-
570 - Maintenance of Station Equipment - Allocated	F200728	Fish Lake Sub 570 Maint Station Equip	83	-	83
570 - Maintenance of Station Equipment - Allocated	F200731	Control Sub 570 Maint Station Equipment	44,973	15,988	28,985
570 - Maintenance of Station Equipment - Allocated	F200734	Casa Diablo Sub 570 Maint Station Equip	7,294	5,584	1,710
570 - Maintenance of Station Equipment - Allocated	F200737	Lundy Sub 570 Maint Station Equipment	1,926	1,926	-
570 - Maintenance of Station Equipment - Allocated	F200740	Lee Vining Sub 570 Maint Station Equip	2,825	987	1,838
570 - Maintenance of Station Equipment - Allocated	F200743	Inyo Sub 570 Maint Station Equipment	29,879	18,923	10,956
570 - Maintenance of Station Equipment - Allocated	F200746	Sherwin Sub 570 Maint Station Equipment	135	135	-
570 - Maintenance of Station Equipment - Allocated	F200749	Control Sub 570 Maint Station Equip	5,144	1,038	4,106
570 - Maintenance of Station Equipment - Allocated	F200752	Bridgeport Sub 570 Maint Station	18,149	14,940	3,209
570 - Maintenance of Station Equipment - Allocated	F200755	Zack 570 Maint Station Equipment	4,525	343	4,183
570 - Maintenance of Station Equipment - Allocated	F200758	June Lake Sub 570 Maint Station Equip	504	421	83
570 - Maintenance of Station Equipment - Allocated	F200761	Deep Springs Sub 570 Maint Station Equip	90	-	90
570 - Maintenance of Station Equipment - Allocated	F200764	White Mnt Radio 570 Maint Station Equip	11,445	7,868	3,577

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570 - Maintenance of Station Equipment - Allocated	F200767	MtTom 570 Maint Station Equipment	3,474	1,787	1,687
570 - Maintenance of Station Equipment - Allocated	F200773	Skiland 570 Maint Station Equipment	4,551	3,038	1,513
570 - Maintenance of Station Equipment - Allocated	F200776	Minaret Sub 570 Maint Station Equipment	3,851	1,989	1,863
570 - Maintenance of Station Equipment - Allocated	F200862	Santa Ana 1 570 Maint Station Equip	(645)	(645)	-
570 - Maintenance of Station Equipment - Allocated	F200873	Santa Ana 3 570 Maint Station Equipmnt	504	504	-
570 - Maintenance of Station Equipment - Allocated	F200907	Kaweah 1 570 Maint Station Equipment	4,166	4,166	-
570 - Maintenance of Station Equipment - Allocated	F200917	Kaweah 2 570 Maint Station Equipment	269	269	-
570 - Maintenance of Station Equipment - Allocated	F200927	Kaweah 3 570 Maint Station Equipment	269	269	-
570 - Maintenance of Station Equipment - Allocated	F200942	Tule PH & Canyon 570 Maint Station Equ	673	673	-
570 - Maintenance of Station Equipment - Allocated	F200953	Borel Pwrhouse 570 Maint Station Equip	3,991	3,991	-
570 - Maintenance of Station Equipment - Allocated	F200964	Kern River 1 570 Maint Station Equip	5,132	5,132	-
570 - Maintenance of Station Equipment - Allocated	F200975	Kern River 3 570 Maint Station Equipment	7,435	4,046	3,389
570 - Maintenance of Station Equipment - Allocated	F201008	Big Creek 3 570 Maint Station Equip	66,503	61,131	5,371
570 - Maintenance of Station Equipment - Allocated	F201022	Big Creek 4 Sub 570 Maint Station Equip	4,828	4,828	-
570 - Maintenance of Station Equipment - Allocated	F201036	Big Creek 2 570 Maint Station Equip	22,690	22,690	-
570 - Maintenance of Station Equipment - Allocated	F201050	Big Creek 2A 570 Maint Station Equip	9,880	9,880	-
570 - Maintenance of Station Equipment - Allocated	F201062	Big Creek 8 Sub 570 Maint Station Equip	(21,882)	9,311	(31,193)
570 - Maintenance of Station Equipment - Allocated	F201074	MPPH 570 Maint Station Equip	15,626	15,611	16
570 - Maintenance of Station Equipment - Allocated	F201090	Big Creek 1 Sub 570 Maint Station Equip	75,461	68,105	7,357
570 - Maintenance of Station Equipment - Allocated	F201105	Eastwood PH 570 Maint Station Equipment	20,116	20,086	30
570 - Maintenance of Station Equipment - Allocated	F201281	Mira Loma Maint 570 Maint Station Equip	-	-	-
570 - Maintenance of Station Equipment - Allocated	F501510	CB'S MAINT - TRANSMISSION	827,095	601,677	225,418
570 - Maintenance of Station Equipment - Allocated	F501512	TRANSFORMERS MAINT - TRANSMISSION	293,369	210,232	83,136
570 - Maintenance of Station Equipment - Allocated	F501514	OTH EQUIP MTC(REGS,DISC) Trans	(206,935)	124,035	(330,970)
570 - Maintenance of Station Equipment - Allocated	F501516	EQUIPMENT WASHING - TRANSMISSION	465,086	323,000	142,087
570 - Maintenance of Station Equipment - Allocated	F501520	CB'S MAINT - TRANSMISSION	674,574	481,853	192,720
570 - Maintenance of Station Equipment - Allocated	F501522	TRANSFORMERS MAINT - TRANSMISSION	219,421	148,091	71,330
570 - Maintenance of Station Equipment - Allocated	F501524	OTH EQUIP MTC(REGS,DISC) Trans	335,583	199,112	136,471
570 - Maintenance of Station Equipment - Allocated	F501526	EQUIPMENT WASHING - TRANSMISSION	162,162	95,325	66,837
570 - Maintenance of Station Equipment - Allocated	F502831	INSTRUMENT REPAIR/CALIBRATION - SC&M	498,419	251,333	247,086
570 - Maintenance of Station Equipment - Allocated	F520749	CB'S MAINT - TRANS FAC1	3,925	4,632	(708)
570 - Maintenance of Station Equipment - Allocated	F520751	TRANSFORMERS MAINT - TRANS FAC3	6,856	10,058	(3,201)
570 - Maintenance of Station Equipment - Allocated	F520753	OTH EQUIP MTCE FAC1	-	-	-
570 - Maintenance of Station Equipment - Allocated	F520800	CB'S MAINT - TRANS FAC2	1,522	2,645	(1,123)
570 - Maintenance of Station Equipment - Allocated	F520808	CB'S MAINT - TRANS FAC4	2,873	4,984	(2,111)
570 - Maintenance of Station Equipment - Allocated	F520809	OTH EQUIP MTCE FAC4	-	-	-
570 - Maintenance of Station Equipment - Allocated	F520818	CB'S MAINT - TRANS FAC6	2,140	2,000	141
570 - Maintenance of Station Equipment - Allocated	F520819	TRANSFORMERS MAINT - TRANS FAC6	3,301	3,024	277
570 - Maintenance of Station Equipment - Allocated	F520820	OTH EQUIP MTCE FAC6	562	528	34
570 - Maintenance of Station Equipment - Allocated	F523352	WORK ORDER RELATED EXPENSE	3,297,288	1,037,334	2,259,954
570 - Maintenance of Station Equipment - Allocated	F525951	DC Systems Transmission	52,553	22,692	29,861
570 - Maintenance of Station Equipment - Allocated	F526371	SE TRENCH COVERS - TRANS	183	172	10
570 - Maintenance of Station Equipment - Allocated	F526480	DC SYSTEMS ELDO FAC2	(507)	-	(507)
570 - Maintenance of Station Equipment - Allocated	F526482	DC SYSTEMS ELDO FAC4	(1,841)	-	(1,841)
570 - Maintenance of Station Equipment - Allocated	F526483	DC SYSTEMS ELDO FAC5	821	2,042	(1,221)
570 - Maintenance of Station Equipment - Allocated	F527496	Transformer Maint - Trans Fac2	-	-	-
570 - Maintenance of Station Equipment - Allocated	F527545	CIRCUIT BREAKER BD - NW-TRANS	96,370	60,065	36,306
570 - Maintenance of Station Equipment - Allocated	F527546	CIRCUIT BREAKER BD - SE-TRANS	96,294	58,684	37,609
570 - Maintenance of Station Equipment - Allocated	F527549	DC SYSTEMS BD NW - TRAN	3,457	3,095	361
570 - Maintenance of Station Equipment - Allocated	F527550	DC SYSTEMS BD SE - TRAN	4,850	4,230	621
570 - Maintenance of Station Equipment - Allocated	F527553	OTHER EQUIP BD - NW - TRANS	246,406	110,027	136,379
570 - Maintenance of Station Equipment - Allocated	F527554	OTHER EQUIP BD - SE - TRANS	57,694	40,751	16,943
570 - Maintenance of Station Equipment - Allocated	F527561	TRANSFORMER BD - NW - TRANS	164,055	94,558	69,497
570 - Maintenance of Station Equipment - Allocated	F527562	TRANSFORMER BD - SE - TRANS	347,195	169,614	177,581
570 - Maintenance of Station Equipment - Allocated	F528219	CB'S BREAKDOWN ELDO FAC 1	72,830	10,895	61,935

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		Total	Labor	Non-Labor	
570 - Maintenance of Station Equipment - Allocated	F528220	CB'S BREAKDOWN ELD0 FAC 2	731	1,507	(776)
570 - Maintenance of Station Equipment - Allocated	F528221	CB'S BREAKDOWN ELD0 FAC 4	5,863	772	5,091
570 - Maintenance of Station Equipment - Allocated	F528232	RELAY BREAKDOWN ELD0 FAC 6	-	-	-
570 - Maintenance of Station Equipment - Allocated Total		8,094,281	4,388,695	3,705,586	
570 - Sylmar/Palo Verde	F500089	SUBSTATION STRUCTURES/EQUIPMENT	188,138	-	188,138
570 - Sylmar/Palo Verde	F526253	REPAIR CONDUCTORS/DWP 800DC	74,601	-	74,601
570 - Sylmar/Palo Verde	F526254	REPAIR TRNSFRMR/SYLMAR	113,984	-	113,984
570 - Sylmar/Palo Verde	F526256	CLEAN INSULATORS/SYLMAR	4,464	-	4,464
570 - Sylmar/Palo Verde	F526258	MISC EQUIP/SYLMAR REPAIR	129,090	-	129,090
570 - Sylmar/Palo Verde	F526259	REPAIR BATTERIES/SYLMAR	123,999	-	123,999
570 - Sylmar/Palo Verde	F526260	CIRCUIT BRKRS/SYLMAR REPAIR	(156,012)	-	(156,012)
570 - Sylmar/Palo Verde	F526261	REPAIR DC VALVES-SYLMAR	372,978	14,053	358,925
570 - Sylmar/Palo Verde	F526263	REPAIR SHNT REACT-SYLMAR	156,178	-	156,178
570 - Sylmar/Palo Verde Total		1,007,421	14,053	993,368	
571 - Maintenance of Overhead Lines - Allocated	F501618	SJOA - REPAIR TOWERS MAINTENANCE	471,661	136,558	335,103
571 - Maintenance of Overhead Lines - Allocated	F501621	METE - REPAIR TOWERS MAINTENANCE	137,162	58,363	78,800
571 - Maintenance of Overhead Lines - Allocated	F501624	METW - REPAIR TOWERS MAINTENANCE	318,195	199,191	119,004
571 - Maintenance of Overhead Lines - Allocated	F501627	EAST - REPAIR TOWERS MAINTENANCE	27,021	24,803	2,218
571 - Maintenance of Overhead Lines - Allocated	F501630	ORAN - REPAIR TOWERS MAINTENANCE	416,261	92,811	323,450
571 - Maintenance of Overhead Lines - Allocated	F501636	NCST - REPAIR TOWERS MAINTENANCE	65,571	24,183	41,388
571 - Maintenance of Overhead Lines - Allocated	F501639	HIGH - REPAIR TOWERS MAINTENANCE	47,250	26,162	21,089
571 - Maintenance of Overhead Lines - Allocated	F501642	SJOA - TRANS TRIM / REMOVAL TREES	4,831	4,495	336
571 - Maintenance of Overhead Lines - Allocated	F501643	METE - TRANS TRIM / REMOVAL TREES	3,957	189	3,769
571 - Maintenance of Overhead Lines - Allocated	F501644	METW - TRANS TRIM / REMOVAL TREES	1,038	475	563
571 - Maintenance of Overhead Lines - Allocated	F501645	EAST - TRANS TRIM / REMOVAL TREES	26,281	3,562	22,718
571 - Maintenance of Overhead Lines - Allocated	F501646	ORAN - TRANS TRIM / REMOVAL TREES	10,304	5,745	4,559
571 - Maintenance of Overhead Lines - Allocated	F501647	SJAC - TRANS TRIM / REMOVAL TREES	3,687	3,582	105
571 - Maintenance of Overhead Lines - Allocated	F501648	NCST - TRANS TRIM / REMOVAL TREES	58,978	10,818	48,160
571 - Maintenance of Overhead Lines - Allocated	F501649	HIGH - TRANS TRIM / REMOVAL TREES	436	5	431
571 - Maintenance of Overhead Lines - Allocated	F501650	SJOA - CORRIDOR BRUSHING	(908)	921	(1,829)
571 - Maintenance of Overhead Lines - Allocated	F501653	METE - CORRIDOR BRUSHING	139	137	1
571 - Maintenance of Overhead Lines - Allocated	F501656	METW - CORRIDOR BRUSHING	3,863	38	3,826
571 - Maintenance of Overhead Lines - Allocated	F501659	EAST - CORRIDOR BRUSHING	21,735	2,397	19,338
571 - Maintenance of Overhead Lines - Allocated	F501662	ORAN - CORRIDOR BRUSHING	423	417	6
571 - Maintenance of Overhead Lines - Allocated	F501671	HIGH - CORRIDOR BRUSHING	5,602	177	5,425
571 - Maintenance of Overhead Lines - Allocated	F501674	SJOA - INSULATOR WASHING - T/L	45,446	34,659	10,788
571 - Maintenance of Overhead Lines - Allocated	F501677	METE - INSULATOR WASHING - T/L	13,907	7,493	6,414
571 - Maintenance of Overhead Lines - Allocated	F501680	METW - INSULATOR WASHING - T/L	137,033	116,605	20,428
571 - Maintenance of Overhead Lines - Allocated	F501683	EAST - INSULATOR WASHING - T/L	49,113	38,787	10,326
571 - Maintenance of Overhead Lines - Allocated	F501686	ORAN - INSULATOR WASHING - T/L	294,978	261,133	33,846
571 - Maintenance of Overhead Lines - Allocated	F501689	SJAC - INSULATOR WASHING - T/L	6,389	632	5,758
571 - Maintenance of Overhead Lines - Allocated	F501692	NCST - INSULATOR WASHING - T/L	68,783	47,480	21,303
571 - Maintenance of Overhead Lines - Allocated	F501695	HIGH - INSULATOR WASHING - T/L	15,068	8,330	6,738
571 - Maintenance of Overhead Lines - Allocated	F501731	SJOA - WORK ORDER RELATED EXPENSE (OH)	(2,088,253)	30,248	(2,118,501)
571 - Maintenance of Overhead Lines - Allocated	F501736	METE - WORK ORDER RELATED EXPENSE (OH)	686,440	119,758	566,682
571 - Maintenance of Overhead Lines - Allocated	F501741	METW - WORK ORDER RELATED EXPENSE (OH)	(122,444)	139,417	(261,861)
571 - Maintenance of Overhead Lines - Allocated	F501746	EAST - WORK ORDER RELATED EXPENSE (OH)	1,178,069	276,108	901,962
571 - Maintenance of Overhead Lines - Allocated	F501751	ORAN - WORK ORDER RELATED EXPENSE (OH)	263,436	54,054	209,382
571 - Maintenance of Overhead Lines - Allocated	F501756	SJAC - WORK ORDER RELATED EXPENSE (OH)	(348,683)	15,985	(364,668)
571 - Maintenance of Overhead Lines - Allocated	F501761	NCST - WORK ORDER RELATED EXPENSE (OH)	50,988	52,477	(1,489)
571 - Maintenance of Overhead Lines - Allocated	F501766	HIGH - WORK ORDER RELATED EXPENSE (OH)	369,807	93,029	276,779

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571 - Maintenance of Overhead Lines - Allocated	F501898	SJOA - BREAKDOWN OVHD TRANSMISSION MTC	1,098	1,017	81
571 - Maintenance of Overhead Lines - Allocated	F501900	METE - BREAKDOWN OVHD TRANSMISSION MTC	129,954	17,526	112,427
571 - Maintenance of Overhead Lines - Allocated	F501902	METW - BREAKDOWN OVHD TRANSMISSION MTC	966	454	512
571 - Maintenance of Overhead Lines - Allocated	F501904	EAST - BREAKDOWN OVHD TRANSMISSION MTC	24,810	9,411	15,399
571 - Maintenance of Overhead Lines - Allocated	F501906	ORAN - BREAKDOWN OVHD TRANSMISSION MTC	2,954	2,729	225
571 - Maintenance of Overhead Lines - Allocated	F501910	NCST - BREAKDOWN OVHD TRANSMISSION MTC	15,002	4,977	10,025
571 - Maintenance of Overhead Lines - Allocated	F501912	HIGH - BREAKDOWN OVHD TRANSMISSION MTC	44,372	6,187	38,186
571 - Maintenance of Overhead Lines - Allocated	F502474	VEGETATION MGMT TRANS	10,379,167	1,126,601	9,252,566
571 - Maintenance of Overhead Lines - Allocated	F526301	EAST-PAINT TOWERS MAINTENANCE	6,074	5,546	529
571 - Maintenance of Overhead Lines - Allocated	F526302	EAST-REPAIR POLES BREAKDOWN	3,454	3,144	310
571 - Maintenance of Overhead Lines - Allocated	F526303	EAST-REPAIR POLES MAINTENANCE	173,641	124,605	49,036
571 - Maintenance of Overhead Lines - Allocated	F526304	EAST-REPAIR CONDUCTOR BREAKDOWN	188,639	120,888	67,750
571 - Maintenance of Overhead Lines - Allocated	F526305	EAST-REPAIR CONDUCTOR MAINTENANCE	163,807	143,553	20,254
571 - Maintenance of Overhead Lines - Allocated	F526307	HIGH-PAINT TOWERS MAINTENANCE	8,196	7,237	959
571 - Maintenance of Overhead Lines - Allocated	F526308	HIGH-REPAIR POLES BREAKDOWN	12,692	9,213	3,478
571 - Maintenance of Overhead Lines - Allocated	F526309	HIGH-REPAIR POLES MAINTENANCE	149,132	104,373	44,760
571 - Maintenance of Overhead Lines - Allocated	F526310	HIGH-REPAIR CONDUCTOR BREAKDOWN	88,261	77,586	10,675
571 - Maintenance of Overhead Lines - Allocated	F526311	HIGH-REPAIR CONDUCTOR MAINTENANCE	103,613	105,869	(2,257)
571 - Maintenance of Overhead Lines - Allocated	F526313	METE- PAINT TOWERS MAINTENANCE	13,076	12,076	1,000
571 - Maintenance of Overhead Lines - Allocated	F526314	METE-REPAIR POLES BREAKDOWN	40,316	33,029	7,287
571 - Maintenance of Overhead Lines - Allocated	F526315	METE-REPAIR POLES MAINTENANCE	171,990	137,654	34,336
571 - Maintenance of Overhead Lines - Allocated	F526316	METE-REPAIR CONDUCTOR BREAKDOWN	98,977	87,473	11,504
571 - Maintenance of Overhead Lines - Allocated	F526317	METE-REPAIR CONDUCTOR MAINTENANCE	166,561	137,571	28,990
571 - Maintenance of Overhead Lines - Allocated	F526319	METW-PAINT TOWERS MAINTENANCE	2,187	1,981	206
571 - Maintenance of Overhead Lines - Allocated	F526320	METW-REPAIR POLES BREAKDOWN	46,060	38,957	7,103
571 - Maintenance of Overhead Lines - Allocated	F526321	METW-REPAIR POLES MAINTENANCE	388,120	241,249	146,871
571 - Maintenance of Overhead Lines - Allocated	F526322	METW-REPAIR CONDUCTOR BREAKDOWN	96,703	85,836	10,867
571 - Maintenance of Overhead Lines - Allocated	F526323	METW-REPAIR CONDUCTOR MAINTENANCE	491,222	426,437	64,786
571 - Maintenance of Overhead Lines - Allocated	F526325	NCST-PAINT TOWERS MAINTENANCE	505	477	27
571 - Maintenance of Overhead Lines - Allocated	F526326	NCST-REPAIR POLES BREAKDOWN	19,840	17,725	2,114
571 - Maintenance of Overhead Lines - Allocated	F526327	NCST-REPAIR POLES MAINTENANCE	8,402	44,047	(35,645)
571 - Maintenance of Overhead Lines - Allocated	F526328	NCST-REPAIR CONDUCTOR BREAKDOWN	63,419	52,791	10,627
571 - Maintenance of Overhead Lines - Allocated	F526329	NCST-REPAIR CONDUCTOR MAINTENANCE	(152,689)	19,789	(172,478)
571 - Maintenance of Overhead Lines - Allocated	F526331	ORAN-PAINT TOWERS MAINTENANCE	-	-	-
571 - Maintenance of Overhead Lines - Allocated	F526332	ORAN-REPAIR POLES BREAKDOWN	33,521	26,752	6,768
571 - Maintenance of Overhead Lines - Allocated	F526333	ORAN-REPAIR POLES MAINTENANCE	589,312	195,061	394,250
571 - Maintenance of Overhead Lines - Allocated	F526334	ORAN-REPAIR CONDUCTOR BREAKDOWN	105,471	83,569	21,902
571 - Maintenance of Overhead Lines - Allocated	F526335	ORAN-REPAIR CONDUCTOR MAINTENANCE	86,332	76,629	9,703
571 - Maintenance of Overhead Lines - Allocated	F526337	SJOA-PAINT TOWERS MAINTENANCE	2,837	2,570	267
571 - Maintenance of Overhead Lines - Allocated	F526338	SJOA-REPAIR POLES BREAKDOWN	20,904	17,231	3,674
571 - Maintenance of Overhead Lines - Allocated	F526339	SJOA-REPAIR POLES MAINTENANCE	48,017	41,232	6,785
571 - Maintenance of Overhead Lines - Allocated	F526340	SJOA-REPAIR CONDUCTOR BREAKDOWN	66,661	49,663	16,998
571 - Maintenance of Overhead Lines - Allocated	F526341	SJOA-REPAIR CONDUCTOR MAINTENANCE	221,931	176,783	45,148
571 - Maintenance of Overhead Lines - Allocated	F526344	SJAC - REPAIR POLES BREAKDOWN	2,662	2,465	196
571 - Maintenance of Overhead Lines - Allocated	F526345	SJAC - REPAIR POLES MAINTENANCE	14,875	9,936	4,939
571 - Maintenance of Overhead Lines - Allocated	F526346	SJAC - REPAIR CONDUCTOR BREAKDOWN	36,709	33,078	3,630
571 - Maintenance of Overhead Lines - Allocated	F526347	SJAC - REPAIR CONDUCTOR MAINTENANCE	3,631	3,330	301
571 - Maintenance of Overhead Lines - Allocated	F526348	SJOA-ROAD CONSTRUCTION/MAINTENANCE	174,506	43,127	131,379
571 - Maintenance of Overhead Lines - Allocated	F526349	METE - ROAD CONSTRUCTION/MAINTENANCE	552,545	72,929	479,615
571 - Maintenance of Overhead Lines - Allocated	F526350	METW- ROAD CONSTRUCTION/MAINTENANCE	5,461	377	5,084
571 - Maintenance of Overhead Lines - Allocated	F526351	EAST - ROAD CONSTRUCTION/MAINTENANCE	2,580,584	568,775	2,011,809
571 - Maintenance of Overhead Lines - Allocated	F526352	NCST - ROAD CONSTRUCTION/MAINTENANCE	72,471	13,821	58,650
571 - Maintenance of Overhead Lines - Allocated	F526353	HIGH - ROAD CONSTRUCTION/MAINTENANCE	430,898	218,597	212,302
571 - Maintenance of Overhead Lines - Allocated	F526354	ORAN - ROAD CONSTRUCTION/MAINTENANCE	319,515	66,711	252,804
571 - Maintenance of Overhead Lines - Allocated	F526355	SJAC-ROAD CONSTRUCTION/MAINTENANCE	216,701	80,948	135,753

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		Total	Labor	Non-Labor	
571 - Maintenance of Overhead Lines - Allocated	F526356	EAST-REPAIR INTERFERENCE	24	27	(3)
571 - Maintenance of Overhead Lines - Allocated	F526357	HIGH-REPAIR INTERERENCE	603	19	584
571 - Maintenance of Overhead Lines - Allocated	F526361	ORAN - REPAIR INTERFERENCE	-	-	-
571 - Maintenance of Overhead Lines - Allocated	F527502	TRANS REPAIR CONDUCTOR FAC 7	741	1,414	(673)
571 - Maintenance of Overhead Lines - Allocated	F527503	TRANS REPAIR CONDUCTOR FAC 8	19	67	(48)
571 - Maintenance of Overhead Lines - Allocated	F527506	TRANS ROW CONSTRUCTION FAC 7	4,079	1,418	2,661
571 - Maintenance of Overhead Lines - Allocated	F527507	TRANS ROW CONSTRUCTION FAC 8	-	-	-
571 - Maintenance of Overhead Lines - Allocated	F528439	TLRR POLE REPAIR MAINTENANCE	-	-	-
571 - Maintenance of Overhead Lines - Allocated	F528440	TLRR CONDUCTOR/INSULATOR REPAIRS	448,664	175,945	272,719
571 - Maintenance of Overhead Lines - Allocated	F528442	TLRR ROAD GRADING/CONSTRUCTION	1,895	725	1,170
571 - Maintenance of Overhead Lines - Allocated	F529181	POLE LOADING PRGM MALIBU R.E. TRANS (SH)	2,950,636	91,444	2,859,192
571 - Maintenance of Overhead Lines - Allocated	F529183	POLE LOADING MALIBU REPAIRS TRANS (SH)	1,101	60	1,042
571 - Maintenance of Overhead Lines - Allocated	F529332	Land Mgmt South ROW Maintenance	93,323	3,570	89,752
571 - Maintenance of Overhead Lines - Allocated	F529333	Land Mgmt North ROW Maintenance	23,359	836	22,523
571 - Maintenance of Overhead Lines - Allocated	F529334	Land Mgmt Metro ROW Maintenance	11,861	6,997	4,864
571 - Maintenance of Overhead Lines - Allocated	F529335	Land Mgmt East ROW Maintenance	39,436	1,721	37,715
571 - Maintenance of Overhead Lines - Allocated	F529796	POLE LOADING PRGM DIST BALANCING ACCOUNT	1,097,634	131,161	966,474
571 - Maintenance of Overhead Lines - Allocated	F530040	Eldorado-Mead Co-Tenancy & Operating	342,534	-	342,534
571 - Maintenance of Overhead Lines - Allocated	F530056	PLP Trans Repairs Balancing Account	98,734	49,082	49,652
571 - Maintenance of Overhead Lines - Allocated	F530058	PLP Trans Related Exp Balancing Acct	18,251	967	17,285
571 - Maintenance of Overhead Lines - Allocated	F530114	GS&RP Mitigation -T	4,768	2	4,766
571 - Maintenance of Overhead Lines - Allocated Total		25,917,292	7,348,270	18,569,022	
571 - Sylmar/Palo Verde	F526251	REPAIR TOWERS/DWP-E 800DC	410,427	-	410,427
571 - Sylmar/Palo Verde	F526252	CLEAN LINE INSULATORS DWP-800DC	8,397	-	8,397
571 - Sylmar/Palo Verde	F526255	CLEAR R/W	62,221	-	62,221
571 - Sylmar/Palo Verde	F526257	ROADS/TRAILS R/W	37,130	-	37,130
571 - Sylmar/Palo Verde Total		518,175	-	518,175	
572 - Maintenance of Underground Lines - Allocated	F501622	METE - REPAIR UG MAINTENANCE	243,977	25,216	218,761
572 - Maintenance of Underground Lines - Allocated	F501625	METW - REPAIR UG MAINTENANCE	107,510	16,430	91,080
572 - Maintenance of Underground Lines - Allocated	F501628	EAST - REPAIR UG MAINTENANCE	3,142	2,812	330
572 - Maintenance of Underground Lines - Allocated	F501631	ORAN - REPAIR UG MAINTENANCE	28,880	19,848	9,032
572 - Maintenance of Underground Lines - Allocated	F501634	SJAC - REPAIR UG MAINTENANCE	(25,760)	-	(25,760)
572 - Maintenance of Underground Lines - Allocated	F501637	NCST - REPAIR UG MAINTENANCE	5,060	1,583	3,476
572 - Maintenance of Underground Lines - Allocated	F501640	HIGH - REPAIR UG MAINTENANCE	149	138	10
572 - Maintenance of Underground Lines - Allocated	F501732	SJOA - WORK ORDER RELATED EXPENSE (UG)	3,898	1,145	2,753
572 - Maintenance of Underground Lines - Allocated	F501742	METW - WORK ORDER RELATED EXPENSE (UG)	35,871	8,870	27,001
572 - Maintenance of Underground Lines - Allocated	F501747	EAST - WORK ORDER RELATED EXPENSE (UG)	(4,669)	23,047	(27,716)
572 - Maintenance of Underground Lines - Allocated	F501752	ORAN - WORK ORDER RELATED EXPENSE (UG)	(93,752)	(53,748)	(40,004)
572 - Maintenance of Underground Lines - Allocated	F501762	NCST - WORK ORDER RELATED EXPENSE (UG)	3,544	754	2,790
572 - Maintenance of Underground Lines - Allocated	F501767	HIGH - WORK ORDER RELATED EXPENSE (UG)	88	72	16
572 - Maintenance of Underground Lines - Allocated	F501899	SJOA -BREAKDOWN UNDGRND TRANSMISSION MTC	-	-	-
572 - Maintenance of Underground Lines - Allocated	F501901	METE -BREAKDOWN UNDGRND TRANSMISSION MTC	-	-	-
572 - Maintenance of Underground Lines - Allocated	F501903	METW -BREAKDOWN UNDGRND TRANSMISSION MTC	5,638	5,300	338
572 - Maintenance of Underground Lines - Allocated	F501905	EAST -BREAKDOWN UNDGRND TRANSMISSION MTC	(732)	4,150	(4,881)
572 - Maintenance of Underground Lines - Allocated	F501907	ORAN -BREAKDOWN UNDGRND TRANSMISSION MTC	8,137	6,105	2,033
572 - Maintenance of Underground Lines - Allocated	F501911	NCST -BREAKDOWN UNDGRND TRANSMISSION MTC	480	346	134
572 - Maintenance of Underground Lines - Allocated	F501913	HIGH -BREAKDOWN UNDGRND TRANSMISSION MTC	1,317	1,191	126
572 - Maintenance of Underground Lines - Allocated Total		322,776	63,260	259,516	

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		Cost Center Description	Total	Labor	Non-Labor
572 - Sylmar/Palo Verde	F526240	RAPAIR U/G CABLE	393	-	393
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526064	STORM WO RELATED EXPENSE - TRANSMISSION	-	-	-
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526066	STORM REPAIR >200 FT. TRANS SUBS	-	-	-
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526068	STORM WO RELATED EXPENSE - TRANSMISSION	(782,608)	(10,345)	(772,263)
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526071	STORM FLOOD DAMAGE TRANS. SUBS	226	-	226
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526072	TRSJOA - STORM WO RELATED EXPENSE - TRNS	753	622	131
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526074	TRSJOA - STORM REPAIR >200 FT. TRANS SUBS	57,034	52,984	4,050
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526075	TRSJOA - STORM FLOOD DAMAGE TRANS. SUBS	74,819	26,800	48,020
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526076	TRMETE - STORM WO RELATED EXP - TRANSM	11,429	3,683	7,747
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526077	TRMETE - STORM REPAIR <200 FT. TRANS SUBS	16,020	1,972	14,049
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526078	TRMETE - STORM REPAIR >200 FT TRANS SUBS	(1,027,223)	(241,851)	(785,372)
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526079	TRMETE - STORM FLOOD DAMAGE TRANS. SUBS	-	-	-
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526080	TRMETW - STORM WO RELATED EXP - TRANSM	845	177	668
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526081	TRMETW - STORM REPAIR <200 FT. TRANS SUBS	329	326	4
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526082	TRMETW - STORM REPAIR >200 FT. TRANS SUBS	11,129	10,157	973
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526083	TRMETW - STORM FLOOD DAMAGE TRANS. SUBS	7,036	5,348	1,688
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526084	TREAST - STORM WO RELATED EXP - TRANSM	(6,853)	3,156	(10,009)
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526085	TREAST - STORM REPAIR <200 FT. TRANS SUBS	-	-	-
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526086	TREAST - STORM REPAIR >200 FT. TRANS SUBS	58,727	50,393	8,334
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526087	TREAST - STORM FLOOD DAMAGE TRANS. SUBS	145,623	92,036	53,587
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526088	TROJAN - STORM WO RELATED EXP - TRANSM	77,215	4,213	73,003
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526089	TROJAN - STORM REPAIR<200 FT. TRANS SUBS	19,166	14,936	4,230
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526090	TROJAN - STORM REPAIR>200 FT. TRANS SUBS	148,913	111,040	37,874
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526091	TROJAN - STORM FLOOD DAMAGE TRANS. SUBS	1,169	54	1,114
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526092	TRSJAC - STORM WO RELATED EXP - TRANSM	684	487	198
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526094	TRSJAC - STORM REPAIR >200 FT TRANS SUBS	32,911	29,411	3,500
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526095	TRSJAC - STORM FLOOD DAMAGE TRANS. SUBS	-	-	-
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526096	TRNCST - STORM WO RELATED EXP - TRANSM	95,913	20,489	75,424
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526097	TRNCST - STORM REPAIR <200 FT TRANS SUBS	7,823	5,521	2,303
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526098	TRNCST - STORM REPAIR >200 FT TRANS SUBS	100,216	86,219	13,997
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526099	TRNCST - STORM FLOOD DAMAGE TRANS. SUBS	194,456	23,940	170,515
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526100	TRHIGH - STORM WO RELATED EXP - TRANSM	130,013	72,212	57,802
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526101	TRHIGH - STORM REPAIR <200 FT TRANS SUBS	5,218	3,127	2,091
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526102	TRHIGH - STORM REPAIR >200 FT TRANS SUBS	96,144	84,978	11,166
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526103	TRHIGH - STORM FLOOD DAMAGE TRANS SUBS	40,261	28,483	11,778
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526121	TOXIC WASTE TRANS. SUBS	-	-	-
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526122	TOXIC WASTE TRANS. SUBS	(1)	0	(1)
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526123	TRSJOA - TOXIC WASTE TRANS SUBS	5,480	1,942	3,538
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526125	TRMETW - TOXIC WASTE TRANS. SUBS	-	-	-
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526126	TREAST - TOXIC WASTE TRANS. SUBS	(18)	24	(43)
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526127	TROJAN - TOXIC WASTE TRANS. SUBS	-	-	-
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526128	TRSJAC - TOXIC WASTE TRANS. SUBS	922	803	120
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526129	TRNCST - TOXIC WASTE TRANS. SUBS	-	-	-
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F526130	TRHIGH - TOXIC WASTE TRANS. SUBS	10,323	710	9,613
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F527500	Trans. Eldorado Storm - Facility 7	-	-	-
573 - Maintenance of Miscellaneous Trans. Plant - Allocated	F529945	Telecom Storm Repairs	103,231	93,003	10,228
573 - Maintenance of Miscellaneous Trans. Plant - Allocated Total			(362,672)	577,048	(939,720)
582 - Station Expenses	F200891	East Region Comm 582 Ops Station Exp	110	-	110
582 - Station Expenses	F201009	Big Creek 3 582 Ops Station Exp	42,627	42,528	99
582 - Station Expenses	F201023	Big Creek 4 Sub 582 Ops Station Exp	42,377	42,277	99
582 - Station Expenses	F201037	Big Creek 2 582 Ops Station Exp	10,523	10,440	83

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		Cost Center Description	Total	Labor	Non-Labor
582 - Station Expenses	F201091	Big Creek 1 Sub 582 Ops Station Exp	13,093	13,020	73
582 - Station Expenses	F201106	Eastwood PH 582 Ops Station Exp	30,128	30,043	85
582 - Station Expenses	F500395	SUB UTIL SVCS-MISC ST EXP	364,989	-	364,989
582 - Station Expenses	F500487	SUB OPRN MISC STATN EXP	(103)	-	(103)
582 - Station Expenses	F500489	SUB OPRN-OPERATING EQUIP DIST	1,524,716	1,308,313	216,403
582 - Station Expenses	F500494	SUB OPRN-OPERATING EQUIP DIST	117	-	117
582 - Station Expenses	F500498	SUB OPRN-OPERATING EQUIP DIST	404	-	404
582 - Station Expenses	F500548	SUB OPRN-OPERATING EQUIP DIST	9	-	9
582 - Station Expenses	F500550	SUB OPRN-OPERATING EQUIP	2,003,919	1,719,234	284,684
582 - Station Expenses	F500554	SUB OPRN TOOL EXP	432	-	432
582 - Station Expenses	F500561	SUB OPRN-EQUIPM TEST	1,592,619	1,365,855	226,764
582 - Station Expenses	F500568	SUB OPRN-OPERATING EQUIP DIST	257,887	222,465	35,422
582 - Station Expenses	F500573	SUB OPRN-OPERATING EQUIP DIST	1,172,808	1,004,223	168,585
582 - Station Expenses	F501553	SUBS EQUIPMENT INSPECTIONS- DISTRIBUTION	460,229	399,432	60,797
582 - Station Expenses	F501555	SUBS EQUIPMENT INSPECTIONS- DISTRIBUTION	622,725	504,562	118,163
582 - Station Expenses	F520562	SUB MTCE MISC STATN EXP	570,913	381,514	189,399
582 - Station Expenses	F520712	SUB OPERATION EQUIP AND TEST	942	-	942
582 - Station Expenses	F520713	SUB OPERATION EQUIP AND TEST	2,589,089	2,211,333	377,756
582 - Station Expenses	F520714	SUB OPERATION EQUIP AND TEST	1,638,922	1,399,584	239,338
582 - Station Expenses	F520715	SUB OPERATION EQUIP AND TEST	1,704,537	1,463,618	240,919
582 - Station Expenses	F520778	DO NOT USE - REPLACED BY I/O 411814	758,099	659,600	98,499
582 - Station Expenses	F523025	SUB OPS EQUIPMENT TEST	109,205	83,365	25,840
582 - Station Expenses	F523355	SUB OPS OPERATING EQUIP DISTR	-	-	-
582 - Station Expenses	F525773	RELAY INSPECTION-NW DISTRIBUTION	801,696	727,390	74,306
582 - Station Expenses	F525775	RELAY INSPECTION SE DISTRIBUTION	520,590	479,008	41,582
582 - Station Expenses	F525814	SUB OPRN-OPERATING EQUIP - DIST	2,317,306	1,984,807	332,499
582 - Station Expenses	F525817	SUB OPRN-OPERATING EQUIP - DIST	3,052,439	2,603,546	448,892
582 - Station Expenses	F526372	SUB MTCE MISC STATN EXP DISTR	259,226	151,510	107,716
582 - Station Expenses	F526759	EAVISS SUB OPRN-EQUIPM TEST	1,200	-	1,200
582 - Station Expenses	F526760	EAMESS SUB OPRN-EQUIPM TEST	1,492,269	1,280,358	211,910
582 - Station Expenses	F526761	NOLUGS SUB OPRN-EQUIPM TEST	2,267	2,010	257
582 - Station Expenses	F527036	EADEVS-Substation Equipment Dist	18,450	15,339	3,111
582 - Station Expenses	F527038	EAMESS-Substation Equipment Dist	81,772	71,017	10,754
582 - Station Expenses	F527040	EAMIRS-Substation Equipment Dist	5,504	4,877	627
582 - Station Expenses	F527042	EAVISS-Substation Equipment Dist	1,356,318	1,165,371	190,947
582 - Station Expenses	F527044	NOELDS-Substation Equipment Dist	28,686	25,007	3,679
582 - Station Expenses	F527046	NOLUGS-Substation Equipment Dist	936,532	809,949	126,582
582 - Station Expenses	F527048	NORECS-Substation Equipment Dist	172,438	148,233	24,205
582 - Station Expenses	F527050	NOVENS-Substation Equipment Dist	3,474	3,073	401
582 - Station Expenses	F527052	NOVINS-Substation Equipment Dist	25,150	21,828	3,322
582 - Station Expenses	F527054	SOORAS-Substation Equipment Dist	7,573	3,051	4,522
582 - Station Expenses	F527056	SOVALS-Substation Equipment Dist	789	783	5
582 - Station Expenses	F527058	WEELNS-Substation Equipment Dist	16,010	13,734	2,276
582 - Station Expenses	F527060	WEIGLS-Substation Equipment Dist	93,132	79,838	13,294
582 - Station Expenses	F527104	EADEVS-Substation Expense Dist	575	429	146
582 - Station Expenses	F527106	EAMESS-Substation Expense Dist	143	125	18
582 - Station Expenses	F527108	EAMIRS-Substation Expense Dist	427	376	51
582 - Station Expenses	F527113	NOELDS-Substation Expense Dist	338	53	285
582 - Station Expenses	F527117	NORECS-Substation Expense Dist	72,875	31,743	41,132
582 - Station Expenses	F527119	NOVENS-Substation Expense Dist	-	-	-
582 - Station Expenses	F527121	NOVINS-Substation Expense Dist	452	397	55
582 - Station Expenses	F527129	WEIGLS-Substation Expense Dist	220	187	33
582 - Station Expenses	F527539	RELAY BREAKDOWN NW - DIST	192,466	147,700	44,766
582 - Station Expenses	F527540	RELAY BREAKDOWN SE - DIST	156,599	130,336	26,263
582 - Station Expenses	F527563	RELAY MAINT - DISTRIBUTION	224,145	193,440	30,705

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582 - Station Expenses	F527564	RELAY MAINT - DISTRIBUTION	344,763	342,435	2,328
582 - Station Expenses	F527815	OTH EQUIP INSP NW - DIST	21,171	13,940	7,231
582 - Station Expenses	F527816	OTH EQUIP INSP SE - DIST	1,193	769	424
582 - Station Expenses	F527820	PWR CABLE INSP NW - DIST	15,949	12,942	3,006
582 - Station Expenses	F527842	PWR CABLE INSP SE - DIST	11,597	10,688	910
582 - Station Expenses	F527843	DC SYSTEMS INSP NW - DIST	102,455	86,864	15,591
582 - Station Expenses	F527844	DC SYSTEMS INSP SE - DIST	72,481	62,900	9,581
582 - Station Expenses	F529293	NCR for T&D Environmental Activities	6,133,739	2,734,731	3,399,008
582 - Station Expenses	F529355	PEM for T&D Environmental Activities	-	-	-
582 - Station Expenses	F529358	TS for T&D Environmental Activities	897	897	-
582 - Station Expenses	F530168	GS&RP CB Fast Curve Settings - Dist	560,382	466,164	94,218
582 - Station Expenses Total			34,617,001	26,689,255	7,927,745
590 - Maintenance Supervision and Engineering	F520566	SUB MTCE, SUPERVISION	1,096,183	951,510	144,673
590 - Maintenance Supervision and Engineering	F525245	SUB MTCE, SUPERVISION	1,463,474	1,280,179	183,295
590 - Maintenance Supervision and Engineering Total			2,559,657	2,231,690	327,968
591 - Maintenance of Structures	F200892	East Region Comm 591 Maint Structure	280	-	280
591 - Maintenance of Structures	F523384	FAC MAINT OF STRUCTURES/EQUIPMENT	43,088	8,717	34,371
591 - Maintenance of Structures	F527570	SPCC NW DIST	4,910	326	4,584
591 - Maintenance of Structures	F527572	SPCC SE DIST	11,123	712	10,411
591 - Maintenance of Structures Total			59,401	9,755	49,645
592 - Maintenance of Station Equipment	F501511	TRANSFORMERS MAINT - DISTRIBUTION	152,739	113,463	39,276
592 - Maintenance of Station Equipment	F501521	TRANSFORMERS MAINT - DISTRIBUTION	372,573	254,255	118,318
592 - Maintenance of Station Equipment	F527559	TRANSFORMER BD - NW - DIST	213,421	147,913	65,508
592 - Maintenance of Station Equipment	F527560	TRANSFORMER BD - SE - DIST	135,914	109,378	26,536
592 - Maintenance of Station Equipment	F501509	CB'S MAINT- DISTRIBUTION	715,465	605,834	109,631
592 - Maintenance of Station Equipment	F501519	CB'S MAINT- DISTRIBUTION	1,058,361	931,147	127,214
592 - Maintenance of Station Equipment	F527544	CIRCUIT BREAKER BD - SE-DIST	105,556	92,811	12,745
592 - Maintenance of Station Equipment	F501513	OTH EQUIP MTC(REGS,DISC) Dist	388	(9,346)	9,733
592 - Maintenance of Station Equipment	F501523	OTH EQUIP MTC(REGS,DISC) Dist	429,897	412,855	17,042
592 - Maintenance of Station Equipment	F200893	East Region Comm 592 Maint Station Equip	763	647	116
592 - Maintenance of Station Equipment	F201010	Big Creek 3 592 Maint Station Equip	21,373	21,373	-
592 - Maintenance of Station Equipment	F201024	Big Creek 4 Sub 592 Maint Station Equip	8,331	7,806	525
592 - Maintenance of Station Equipment	F201038	Big Creek 2 592 Maint Station Equip	50,482	47,037	3,445
592 - Maintenance of Station Equipment	F201092	Big Creek 1 Sub 592 Maint Station Equip	5,240	5,098	142
592 - Maintenance of Station Equipment	F201107	Eastwood PH 592 Maint Station Equipment	38,328	1,761	36,567
592 - Maintenance of Station Equipment	F501515	EQUIPMENT WASHING - DISTRIBUTION	183,786	116,579	67,207
592 - Maintenance of Station Equipment	F501525	EQUIPMENT WASHING - DISTRIBUTION	289,176	225,097	64,079
592 - Maintenance of Station Equipment	F502650	WORK ORDER RELATED EXPENSE (DISTRB SUBS)	4,934,058	1,190,625	3,743,433
592 - Maintenance of Station Equipment	F525952	DC Systems Distribution	61,020	30,914	30,106
592 - Maintenance of Station Equipment	F526364	NW POWER CABLE - DIST	(18,856)	10,187	(29,043)
592 - Maintenance of Station Equipment	F526366	SE POWER CABLE - DIST	2,719	205	2,514
592 - Maintenance of Station Equipment	F526368	NW TRENCH COVERS - DIST	5,851	4,894	957
592 - Maintenance of Station Equipment	F526370	SE TRENCH COVERS - DIST	1,946	67	1,880
592 - Maintenance of Station Equipment	F527547	DC SYSTEMS BD NW - DIST	26,468	20,640	5,828
592 - Maintenance of Station Equipment	F527548	DC SYSTEMS BD SE - DIST	13,353	11,082	2,271
592 - Maintenance of Station Equipment	F527551	OTHER EQUIP BD - NW - DIST	150,741	65,928	84,813
592 - Maintenance of Station Equipment	F527552	OTHER EQUIP BD - SE - DIST	76,243	50,252	25,991
592 - Maintenance of Station Equipment Total			9,035,334	4,468,502	4,566,832

2018 Final Cost Centers by Account/Work Activity

TO2020 Annual Update

Attachment 4

WP-Schedule 19 - Cost Detail

Page 19 of 19

Account/Work Activity	Final Cost Center	2018 Total Recorded O&M Expenses			
		Cost Center Description	Total	Labor	Non-Labor
Accounts with no ISO Distribution Costs			486,655,346	202,370,099	284,285,247

SCHEDULE 20

A&G

WORKPAPERS

Total of all A&G Exclusions in Formula Input Format ("Shareholder + Other" and Incentive Compensation)

The following matrix presents the exclusions to be entered into the Schedule 20 exclusions matrix and associated notes.

Presented in same format as Schedule 20.

See "Shareholder and Other" and "Incentives" worksheets for contributions to these exclusions.

Note 1: Itemization of exclusions			<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	
Line	Acct.	<u>(Sum of C1 to C4)</u>	Shareholder Exclusions				
			Total Amount Excluded	or Other	Franchise Requirements	NOIC	PBOPs
24	920	\$151,417,275	\$41,829,058			\$109,588,216	
25	921	\$8,604,255	\$8,604,255			\$0	
26	922	-\$62,480,935	-\$7,944,352			-\$54,536,583	
27	923	\$8,738,283	\$8,738,283			\$0	
28	924	\$0	\$0			\$0	
29	925	\$3,991,252	\$3,991,252			\$0	
30	926	-\$28,030,488	-\$6,078,155			\$0	-\$21,952,333
31	927	NA	NA	NA	NA	NA	
32	928	\$11,197,494	\$11,197,494			\$0	
33	929	\$0	\$0			\$0	
34	930.1	\$0	\$0			\$0	
35	930.2	\$14,064,692	\$14,064,692			\$0	
36	931	\$11,993,182	\$11,993,182			\$0	
37	935	\$699,128	\$699,128			\$0	

Source of Yellow-shaded Inputs

- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Not applicable, not yellow shaded
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets

Note 2: Non-Officer Incentive Compensation ("NOIC") Adjustment

Adjust NOIC by excluding accrued NOIC Amount and replacing with the actual non-capitalized A&G NOIC payout.

		<u>Amount</u>	<u>Source</u>
a		Accrued NOIC Amount:	\$137,026,591
b		Actual A&G NOIC payout:	\$27,438,375
c		Adjustment:	\$109,588,216
Actual non-capitalized NOIC Payouts:			
	<u>Department</u>	<u>Amount</u>	<u>Source</u>
d	A&G	\$27,438,375	SCE Records and Workpapers
e	Other	\$13,321,307	SCE Records and Workpapers
f	TDBU	\$41,730,326	SCE Records and Workpapers
g	Total:	\$82,490,008	Sum of d to f

Source of Yellow-shaded Inputs

- Incentives Worksheet, Section 1

Source of Yellow-shaded Inputs

- Incentives Worksheet, Section 2
- Incentives Worksheet, Section 2
- Incentives Worksheet, Section 2

Note 3: PBOPs Exclusion Calculation

	<u>Amount</u>	<u>Note:</u>
a	Current Authorized PBOPs expense amount:	\$18,219,000 See instruction #4
b	Prior Year Authorized PBOPs Expense Amount:	\$40,171,333
c	Prior Year FF1 PBOPs expense:	\$18,219,000
d	PBOPs Expense Exclusion:	-\$21,952,333 c - b

Source of Yellow-shaded Inputs

- Authorized PBOPs Expense Amount during Prior Year
- SCE Records

A&G "Shareholder or Other Exclusions" workpapers

1) Shareholder Exclusions for A&G Accounts 920-935:

<u>Line</u>	<u>Account</u>	<u>Shareholder Exclusion</u>	<u>Notes:</u>
1a	920	\$1,355,210	See ShareholderExclusions tab for detail
1b	921	\$8,822,816	See ShareholderExclusions tab for detail
1c	923	\$6,253,647	See ShareholderExclusions tab for detail
1d	926	-\$1,501,839	See ShareholderExclusions tab for detail
1e	928	\$1,757,200	See ShareholderExclusions tab for detail
1f	930.2	<u>\$1,880,844</u>	See ShareholderExclusions tab for detail
Total Shareholder:		\$18,567,877	

2) Other Exclusions for A&G Accounts 920-935:

The following additional items have been determined to be not appropriate for inclusion in transmission rates, and therefore have been excluded as "Other Exclusions" in Note 1 to Schedule 20, Column 1.

<u>Line</u>	<u>Account</u>	<u>Other Exclusions</u>	<u>Item</u>
2a	920	\$361,765	Generation, Hydro, Nuclear, Solar, and SSID 100% CPUC costs
2b	920	\$778	Miscellaneous Charitable Donations
2c	920	\$312,199	Affiliate Charges
2d	921	-\$218,561	Generation, Hydro, FERC Licensing, Engineering, Power Procurement and Solar 100% CPUC costs
2e	923	\$2,484,472	Finance related Shareholder work
2f	923	\$165	SONGS outside services costs
2g	925	\$3,261,670	Nuclear General Functions and SONGS Settlement Costs
2h	925	-\$60,980	Claim reimbursement for 2011 and 2012 claims from insurer
2i	925	\$790,562	Base Revenue Requirement Balancing Account (BRRBA)
2j	926	\$5,000,856	Generation, Nuclear and Hydro 100% CPUC costs
2k	928	\$5,656,181	Energy Resource Recovery Account (ERRA)
2l	928	\$1,760,472	Public Purpose Programs Adjustment Mechanism (PPPAM)
2m	928	\$2,023,642	Litigation Cost Tracking Account (LCTA)
2n	930.2	\$12,104	Distribution Resources Plan Demonstration Balancing Account (DRPDBA)
2o	930.2	-\$413,522	Accounting Suspense
2p	930.2	-\$760,529	Provision for Doubtful Accounts
2q	930.2	\$13,341,707	Electric Program Investment Charge balancing acct. (EPICBA)
2r	930.2	\$4,087	Base Revenue Requirement Balancing Account (BRRBA) Distribution
2s	931	\$11,993,182	Nuclear expenses
2t	935	<u>\$699,128</u>	SSID 100% CPUC costs
Total Other:		\$46,249,378	

3) Order 668 Amount Transferred from O&M Accounts 569.

This amount of costs is transferred from O&M accounts 569.100, 569.200, and 569.300:

Transfer to A&G account 920: -\$37,524,555 -\$37,524,555

4) Total "Shareholder and Other" Input Exclusions for Column 1, Lines 24-37 of Schedule 20
 (In Formula Input Format)

<u>Line #</u>	<u>Acct.</u>	<u>Col 1 Shareholder or Other Exclusions</u>	<u>Calculation</u>
24	920	\$39,554,507	Line 1a + 2a to 2c - 3
25	921	\$8,604,255	Line 1b+ 2d
26	922		
27	923	\$8,738,283	Line 1c + 2e + 2f
28	924		
29	925	\$3,991,252	Line 2g to 2i
30	926	\$3,499,016	Line 1d + 2j
31	927		
32	928	\$11,197,494	Line 1e + (2k to 2m)
33	929		
34	930.1		
35	930.2	\$14,064,692	Line 1f + (2n to 2r)
36	931	\$11,993,182	Line 2s
37	935	\$699,128	Line 2t
Total All "Shareholder or Other":		\$102,341,811	

A&G Incentive Compensation Adjustments Calculations

A) A&G Non-Officer Incentive Compensation (NOIC) Adjustments

(NOIC includes Short-Term Incentive Plan, Augmented Bonus, and Non-Officer Executive Incentive Compensation, as well as any plans which replace these).

1) Calculation of capitalized portion of NOIC costs in Account 920:

<u>Line</u>	<u>Item</u>	<u>Amount</u>	<u>Source or Calculation</u>
1	Accrued NOIC	\$137,026,591	Included in Account 920
2	Capitalization rate	39.8%	CPUC GRC Decision for Test Year
3	Capitalized NOIC	\$54,536,583	L1 * L2

2) Calculation of NOIC Payouts:

<u>Line</u>			
1	Actual NOIC Payout	\$137,026,591	Section 2, L7

	<u>Business Unit</u>	<u>Actual Payout</u>	<u>% of Total Payout</u>	<u>Allocated Capitalized NOIC</u>	<u>Non-Capitalized NOIC</u>
		A	B = Col A / L7	C = Section 1, L3 * B	D = A - C
4	A&G	\$45,578,695	33%	\$18,140,321	\$27,438,375
5	Other	\$22,128,417	16%	\$8,807,110	\$13,321,307
6	Trans. And Dist. Business Unit	\$69,319,479	51%	\$27,589,152	\$41,730,326
7	Totals	\$137,026,591	100%	\$54,536,583	\$82,490,008

Instruction for Lines 4-6, Column A: "Actual Payout" amount is to be the actual amount paid out in the Prior Year.

Actual non-capitalized NOIC Payouts

(In Formula Input Format for input to Schedule 20, Note 2)

	<u>Department</u>	<u>Amount</u>	<u>Source</u>
d	A&G	\$27,438,375	Line 4, column D above
e	Other	\$13,321,307	Line 5, column D above
f	Trans. And Dist. Business Unit	\$41,730,326	Line 6, column D above
	Total:	\$82,490,008	

B) A&G Officer Executive Incentive Compensation (OEIC) Adjustments

3) Calculation of capitalized portion of OEIC costs in Account 920:

<u>Line</u>	<u>Item</u>	<u>Amount</u>	<u>Source or Calculation</u>
1	Accrued OEIC	\$4,051,761	Included in Account 920.
2	Capitalization rate	39.8%	CPUC GRC Decision for test year:
3	Capitalized OEIC	\$1,612,601	L1 * L2

4) Calculation of OEIC Payouts:

<u>Line</u>	<u>Actual OEIC Payout</u>	<u>Section 4, L4</u>
1	\$3,389,811	Section 4, L4

<u>Business Unit</u>	<u>Actual Payout</u>	<u>% of Total Payout</u>	<u>Allocated Capitalized OEIC</u>	<u>Non-Capitalized OEIC</u>
	A	B	C = Section 3, L3 * B	D = A - C
2 A&G	\$3,389,811	100%	\$1,612,601	\$1,777,210

Instruction for Line 2: "Actual Payout" amount is to be the actual amount paid out in the Prior Year.

5) Calculation of capitalized portion of SERP costs in Account 926:

<u>Line</u>	<u>Item</u>	<u>Amount</u>	<u>Source or Calculation</u>
1	Accrued SERP	\$15,908,922	Included in Account 926.
2	Capitalization rate	39.8%	CPUC GRC Decision for test year:
3	Capitalized SERP	\$6,331,751	L1 * L2

C) A&G Summary of Incentive Compensation Adjustment Calculations

6) Adjustments to Account 920:

<u>Line</u>		<u>Source</u>
1	Deduct Accrued OEIC	\$4,051,761 Section 3, L1
2	Add Non-Capitalized OEIC	<u>-\$1,777,210</u> G Section 4,L2, Col E (-) Section 4, L2, Col
3	Total	\$2,274,551

7) Adjustments to Account 922:

<u>Line</u>		<u>Source</u>
1	Deduct Capitalized NOIC	\$54,536,583 Section 1, L3
2	Deduct Capitalized OEIC	\$1,612,601 Section 3, L3
3	Deduct Capitalized SERP	<u>\$6,331,751</u> Section 5,L3, Col.E
4	Total	\$62,480,935

8) Adjustments to Account 926:

<u>Line</u>		<u>Source</u>
1	Add Non-Capitalized SERP	Section 5, L1, Col E - Section 5, L3, Col E -\$9,577,171

D) Total All A&G Incentive Compensation Adjustments

9) Total Incentive Compensation Input Adjustments for Columns 1 and 3, Lines 24-37 of Schedule 20

(In Formula Input Format)

<u>Line</u>	<u>Acct.</u>	<u>Col 1</u> Shareholder Exclusions or Other <u>Adjustments</u>	<u>Source</u>	<u>Col 3</u> <u>NOIC</u>	<u>Source</u>
24	920	\$2,274,551	Sec. 6, L3	\$0	Not an input in formula
25	921			\$0	
26	922	-\$7,944,352	Sec. 7, L2 and L3 (enter neg)	-\$54,536,583	Sec. 1, L3 (enter negative)
27	923			\$0	
28	924			\$0	
29	925			\$0	
30	926	-\$9,577,171	Sec. 8, L1 (enter neg)	\$0	
31	927		Not an input in formula		Not an input in formula
32	928			\$0	
33	929			\$0	
34	930.1			\$0	
35	930.2			\$0	
36	931			\$0	
37	935			\$0	

Shareholder Exclusions in June 15, 2018 Draft Annual Update

Schedule 20, Lines 24-37, Column 1 for the following accounts:

Account	Amount	Title	Description
920	\$62,972	LAM Shareholder Licensing Activities-Eastern	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
920	\$974,867	LAM Shareholder Licensing Activities-Metro	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
920	\$240,336	LAM Shareholder Licensing Activities-Northern	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
920	\$41,317	Land Ops Mgmt Shareholder AG	Includes costs incurred by Real Properties for shareholder funded activities.
920	\$25,071	Right of Way Southern Region Shareholder	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
920	\$696	Law Shareholder Funded Activities	Includes labor and other expenses by Law for shareholder funded activities.
920	<u>\$9,952</u>	Finance Shareholder Funded Activities	Includes labor and other expenses by Finance for shareholder funded activities.
Total 920:	\$1,355,210		

Account	Amount	Title	Description
921	-\$672	Law and Finance Shareholder Funded A&G	Includes labor and non-labor related expenses by Law for shareholder funded activities.
921	\$61,697	LAM Shareholder Licensing Activities-Eastern	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
921	\$122,260	LAM Shareholder Licensing Activities-Northern	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
921	\$6,974,131	LAM Shareholder Licensing Activities-Metro	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
921	\$124,210	Land Ops Mgmt Shareholder AG	Includes costs incurred by Real Properties for shareholder funded activities.
921	\$1,994	RER Shareholder AG	Includes salaries and other expenses of Revenue Enhancement personnel for developing a division-wide revenue enhancement plan for shareholder funded activities. Activities include review of revenues derived from secondary land use for shareholder funded activities.
921	-\$13	ASD Shareholder Funded Activities	Includes labor and non-labor related expenses by Audit Services Division for shareholder funded activities.
921	<u>\$1,539,209</u>	Right of Way Southern Region Shareholder	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
Total 921:	\$8,822,816		

Account	Amount	Title	Description
923	\$6,059,957	EIX Costs	Removes certain EIX costs not recoverable from ratepayers
923	<u>\$193,689</u>	Outside Services	Removes shareholder outside services costs
Total 923:	\$6,253,647		

<u>Account</u>	<u>Amount</u>	<u>Title</u>	<u>Description</u>
926	\$211,957	Fitness Center Expenses	Includes labor and non-labor costs supporting the Company Fitness Center, as well as removes a credit associated with dues paid by members.
926	\$572,488	Employee Recognition, Tenure, and Service Awards	Includes company expenses related to anniversary awards, service pins, and other costs incurred in connection with employee welfare activities not otherwise included in a specific final cost center.
926	\$103,641	Diamond Club	Company cost to support quarterly meetings for retiree and employees with 25+ years of service.
926	\$6,493	Humanitarian Award Program	Company cost to provide recognition of employees who provided a life saving action.
926	\$1,073	Miscellaneous	Includes adjusting entries and miscellaneous corrections.
926	<u>-\$2,397,490</u>	Executive Benefits Adjustment	Removes executive benefit credits not related to Executive Retirement Plan
Total 926:	-\$1,501,839		

<u>Account</u>	<u>Amount</u>	<u>Title</u>	<u>Description</u>
928	\$ 1,757,200	SONGS Outside Services Costs	Removes costs associated with outside services related to San Onofre Generating Station
Total 928:	\$1,757,200		

<u>Account</u>	<u>Amount</u>	<u>Title</u>	<u>Description</u>
930.2	<u>\$1,880,844</u>	General Function - Controllers	Miscellaneous Controllers Department General Function
Total 930.2:	\$1,880,844		
Total All	\$18,567,877		

If there are multiple items in an account, add sub lines for each excluded item

FERC Form 1 Pg. 335 Line #	Description	FERC Form 1 Amount	Included	Excluded	Formula References
1	Industry Association Dues	\$2,098,640	\$2,098,640	\$0	Sch. 20, Line 35
2	Nuclear Power Research Expenses			\$0	
3	Other Experimental and General Research Expenses	\$13,353,811	\$0	\$13,353,811	Sch. 20, Line 35
4	Pub & Dist Info to Stkhldr...expn servicing outstanding Securities	\$652,121	\$652,121	\$0	
5	Other Expn >=\$5,000 show purpose, receipt, amount. Group if < \$5,000				
6	Credit Line Fees / Bank Charges	\$3,987,169	\$3,987,169	\$0	
7	Directors' Fees and Expenses	\$3,393,013	\$3,393,013	\$0	
8	Periodic SEC Reports	\$508,761	\$508,761	\$0	
9	Planning and Development of Communication Systems	\$1,704,316	\$1,704,316	\$0	
10	Provision for Doubtful Accounts - Non-Energy Billings	-\$760,529	\$0	-\$760,529	Sch. 20, Line 35
11	Vendor Discounts	-\$14,286,012	-\$14,286,012	\$0	
12	Accounting Suspense	-\$413,522	\$0	-\$413,522	Sch. 20, Line 35
13	Miscellaneous	\$1,892,827	\$11,983	\$1,880,844	Sch. 20, Line 35
14					
16	Administrative and General Expense Charged or Paid to Others	\$11,760,165	\$11,760,165	\$0	Sch. 20, Line 35
46	Total	\$23,890,760	\$9,830,156	\$14,060,605	

SCHEDULE 22 WORKPAPERS

RECORDED QUARTERLY - Network Upgrade Credits
2018

Refund Date										
	3/31/2018	6/30/2018	9/30/2018	12/31/2018	Total	Total Refunds Due	Refunds Completed by Year-End	Remaining Refunds Due		
TOT175: Mojave Solar Project - Estimate										
Facility Cost - Principal	\$ 401,861.00	\$ 3,825,653.63	\$ 630,113.84	\$ 630,113.84	\$ 5,487,742.31	\$ 12,602,276.84	\$ 10,711,935.31	\$ 1,890,341.53		
Facility Cost - Interest	\$ 45,652.83	\$ 349,995.95	\$ 71,026.07	\$ 65,002.31	\$ 531,677.16					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOT211: Desert Stateline										
Facility Cost - Principal	\$ 1,974,800.00	\$ 1,974,800.00	\$ 1,974,800.00	\$ 1,974,800.00	\$ 7,899,200.00	\$ 39,496,000.00	\$ 19,748,000.00	\$ 19,748,000.00		
Facility Cost - Interest	\$ 383,421.11	\$ 379,646.72	\$ 373,434.94	\$ 364,519.29	\$ 1,501,022.06					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOT219: Rising Tree										
Facility Cost - Principal	\$ 119,750.00	\$ 119,750.00	\$ 119,750.00	\$ 119,750.00	\$ 479,000.00	\$ 2,395,000.00	\$ 1,796,250.00	\$ 598,750.00		
Facility Cost - Interest	\$ 14,936.36	\$ 14,301.28	\$ 13,512.90	\$ 12,560.51	\$ 55,311.05					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOT223: Genesis McCoy Solar Project										
Facility Cost - Principal	\$ 120,500.00	\$ 120,500.00	\$ 120,500.00	\$ 120,500.00	\$ 482,000.00	\$ 2,410,000.00	\$ 1,325,500.00	\$ 1,084,500.00		
Facility Cost - Interest	\$ 23,020.10	\$ 22,704.28	\$ 22,237.24	\$ 21,603.67	\$ 89,565.29					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOT381: Silver State South Solar										
Facility Cost - Principal	\$ 3,166,350.00	\$ 3,166,350.00	\$ 3,166,350.00	\$ 3,166,350.00	\$ 12,665,400.00	\$ 63,327,000.00	\$ 31,663,500.00	\$ 31,663,500.00		
Facility Cost - Interest	\$ 580,730.32	\$ 574,733.02	\$ 564,862.86	\$ 550,696.38	\$ 2,271,022.56					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOT404: CMS 2										
Facility Cost - Principal	\$ 309,050.00	\$ 309,050.00	\$ 309,050.00	\$ 309,050.00	\$ 1,236,200.00	\$ 6,181,000.00	\$ 4,635,750.00	\$ 1,545,250.00		
Facility Cost - Interest	\$ 48,866.49	\$ 47,178.82	\$ 45,083.78	\$ 42,552.90	\$ 183,681.99					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOT411 (Phase 1&2)										
Facility Cost - Principal	\$ 85,863.76	\$ 85,863.76	\$ 85,863.76	\$ 85,863.76	\$ 343,455.04	\$ 1,717,275.18	\$ 772,773.83	\$ 944,501.35		
Facility Cost - Interest	\$ 14,304.72	\$ 14,203.41	\$ 14,000.55	\$ 13,684.18	\$ 56,192.86					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOT508: TA-Acacia										
Facility Cost - Principal	\$ 56,750.00	\$ 56,750.00	\$ 56,750.00	\$ 56,750.00	\$ 227,000.00	\$ 1,135,000.00	\$ 964,750.00	\$ 170,250.00		
Facility Cost - Interest	\$ 4,461.27	\$ 4,091.17	\$ 3,648.66	\$ 3,129.75	\$ 15,330.85					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOT522: Blue Sky Ranch										
Facility Cost - Principal	\$ 29,050.00	\$ 29,050.00	\$ 29,050.00	\$ 29,050.00	\$ 116,200.00	\$ 581,000.00	\$ 493,850.00	\$ 87,150.00		
Facility Cost - Interest	\$ 2,278.15	\$ 2,088.73	\$ 1,862.25	\$ 1,596.67	\$ 7,825.79					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOT544: Kingbird Solar A										
Facility Cost - Principal	\$ 51,443.73	\$ 51,443.73	\$ 51,443.73	\$ 51,443.73	\$ 205,774.93	\$ 1,021,796.00	\$ 558,802.42	\$ 462,993.58		
Facility Cost - Interest	\$ 7,910.79	\$ 7,780.18	\$ 7,587.03	\$ 7,325.01	\$ 30,603.01					
One-Time Cost - Principal	\$ 914.80	\$ 914.80	\$ 914.80	\$ 914.80	\$ 3,659.20					
One-Time Cost - Interest	\$ 204.86	\$ 202.40	\$ 198.75	\$ 193.81	\$ 799.82					
TOT545: Kingbird Solar B										
Facility Cost - Principal	\$ 51,438.23	\$ 51,438.23	\$ 51,438.23	\$ 51,438.23	\$ 205,752.91	\$ 1,021,796.00	\$ 558,851.96	\$ 462,944.04		
Facility Cost - Interest	\$ 7,910.04	\$ 7,779.44	\$ 7,586.31	\$ 7,324.32	\$ 30,600.12					
One-Time Cost - Principal	\$ 914.80	\$ 914.80	\$ 914.80	\$ 914.80	\$ 3,659.20					
One-Time Cost - Interest	\$ 204.86	\$ 202.40	\$ 198.75	\$ 193.81	\$ 799.82					
TOT573: RE Astoria										
Facility Cost - Principal	\$ 284,132.80	\$ 284,132.80	\$ 284,132.80	\$ 284,132.80	\$ 1,136,531.20	\$ 5,682,656.00	\$ 2,557,195.20	\$ 3,125,460.80		
Facility Cost - Interest	\$ 52,403.73	\$ 52,063.35	\$ 51,381.79	\$ 50,318.90	\$ 206,167.77					
One-Time Cost - Principal	\$ 1,824.70	\$ 1,824.70	\$ 1,824.70	\$ 1,824.70	\$ 7,298.80					
One-Time Cost - Interest	\$ 421.02	\$ 418.75	\$ 414.20	\$ 407.11	\$ 1,661.08					
TOT581: Copper Mountain Solar										
Facility Cost - Principal	\$ 36,261.35	\$ 36,261.35	\$ 36,261.35	\$ 36,261.35	\$ 145,045.40	\$ 725,227.00	\$ 326,352.15	\$ 398,874.85		
Facility Cost - Interest	\$ 10,564.94	\$ 10,517.58	\$ 10,422.75	\$ 10,274.85	\$ 41,780.12					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOT585 (Phase 1&2)										
Facility Cost - Principal	\$ 123,668.04	\$ 123,668.04	\$ 123,668.04	\$ 123,668.04	\$ 494,672.15	\$ 2,473,360.73	\$ 989,344.29	\$ 1,484,016.44		
Facility Cost - Interest	\$ 24,892.17	\$ 24,827.86	\$ 24,615.82	\$ 24,237.41	\$ 98,573.26					

RECORDED QUARTERLY - Network Upgrade Credits

One-Time Cost - Principal	\$ 557.71	\$ 557.71	\$ 557.71	\$ 557.71	\$ 2,230.84
One-Time Cost - Interest	\$ 136.66	\$ 136.36	\$ 135.37	\$ 133.60	\$ 542.00
TOT672: RE Garland					
Facility Cost - Principal	\$ 25,432.19	\$ 25,432.19	\$ 25,432.19	\$ 25,432.19	\$ 101,728.77
Facility Cost - Interest	\$ 4,157.45	\$ 4,110.09	\$ 4,032.14	\$ 3,920.28	\$ 16,219.95
One-Time Cost - Principal	\$ 13,301.31	\$ 13,301.31	\$ 13,301.31	\$ 13,301.31	\$ 53,205.23
One-Time Cost - Interest	\$ 2,529.50	\$ 2,504.16	\$ 2,462.46	\$ 2,402.61	\$ 9,898.74
WDT1099TOC: Oasis					
Facility Cost - Principal	\$ 752.65	\$ 752.65	\$ 752.65	\$ 752.65	\$ 3,010.60
Facility Cost - Interest	\$ 89.90	\$ 87.01	\$ 83.19	\$ 78.37	\$ 338.47
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -
TOT276 (Phase 1&2)					
Facility Cost - Principal	\$ -	\$ 499,896.91	\$ 62,989.69	\$ 62,989.69	\$ 625,876.29
Facility Cost - Interest	\$ -	\$ 114,560.16	\$ 25,476.83	\$ 25,144.53	\$ 165,181.53
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -
TOT032 - Trued-up					
Facility Cost - Principal	\$ 671,684.15	\$ -	\$ -	\$ -	\$ 671,684.15
Facility Cost - Interest	\$ 22,676.12	\$ -	\$ -	\$ -	\$ 22,676.12
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -
TOT041 - Trued-up					
Facility Cost - Principal	\$ 894,591.65	\$ 894,591.65	\$ -	\$ -	\$ 1,789,183.30
Facility Cost - Interest	\$ 39,646.66	\$ 30,665.79	\$ -	\$ -	\$ 70,312.45
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -
TOT135 - Trued-up					
Facility Cost - Principal	\$ 182,500.00	\$ -	\$ -	\$ -	\$ 182,500.00
Facility Cost - Interest	\$ 11,006.16	\$ -	\$ -	\$ -	\$ 11,006.16
One-Time Cost - Principal	\$ 10,000.00	\$ -	\$ -	\$ -	\$ 10,000.00
One-Time Cost - Interest	\$ 848.69	\$ -	\$ -	\$ -	\$ 848.69
TOT455 - Trued-up					
Facility Cost - Principal	\$ 37,319.25	\$ 37,319.25	\$ 37,319.25	\$ -	\$ 111,957.75
Facility Cost - Interest	\$ 3,549.56	\$ 3,216.75	\$ 2,832.73	\$ -	\$ 9,599.03
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -
2018 Total					
Facility Cost - Principal	\$ 8,623,198.80	\$ 11,692,704.18	\$ 7,165,665.53	\$ 7,128,346.28	\$ 34,609,914.78
Facility Cost - Interest	\$ 1,302,478.87	\$ 1,664,551.57	\$ 1,243,687.84	\$ 1,203,969.34	\$ 5,414,687.62
One-Time Cost - Interest	\$ 4,345.59	\$ 3,464.07	\$ 3,409.54	\$ 3,330.94	\$ 14,550.14

Notes:

1) Definitions:

Facility Cost - Principal: Total payments made by SCE on the Facility

Facility Cost - Interest: Total payments made by SCE on post-construction interest (quarterly) for Facility Costs. Interest calculations begin on the in-service date of the Facility.

One-Time Cost - Principal: Total payments made by SCE on One-Time Costs

One-Time Cost - Interest: Total payments made by SCE on pre- and post-construction interest (accrued interest and quarterly interest, respectively) for One-Time Costs. Interest calculations begin upon receipt of payment from the customer.

2) When actual costs are determined (True Up), refund amounts are recalculated to reflect the new totals. Adjustments are made for principal and accrued interest refunds for prior quarters to align the refund totals to the 1/20th per quarter criteria.

Sum is input to Schedule 22, Line 8

Input to Schedule 22, Line 4

RECORDED QUARTERLY - Network Upgrade Credits
2017

	Refund Date				Total	Total Refunds Due	Refunds Completed by Year-End	Remaining Refunds Due
	3/31/2017	6/30/2017	9/30/2017	12/31/2017				
TOT032: CPV Sentinel - Estimate								
Facility Cost - Principal	\$ 671,684.15	\$ 671,684.15	\$ 671,684.15	\$ 671,684.15	\$ 671,684.15	\$ 2,686,736.60	\$ 13,433,683.00	\$ 12,761,998.85
Facility Cost - Interest	\$ 45,126.46	\$ 40,898.83	\$ 36,051.44	\$ 30,058.66	\$ 152,135.39			\$ 671,684.15
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOT041: NRG El Segundo - Estimate								
Facility Cost - Principal	\$ 894,591.65	\$ 894,591.65	\$ 894,591.65	\$ 894,591.65	\$ 894,591.65	\$ 3,578,366.60	\$ 17,891,833.00	\$ 16,102,649.70
Facility Cost - Interest	\$ 67,850.56	\$ 62,787.64	\$ 57,002.21	\$ 49,598.50	\$ 237,238.91			\$ 1,789,183.30
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOT135: EME Walnut Creek - Estimate								
Facility Cost - Principal	\$ 182,500.00	\$ 182,500.00	\$ 182,500.00	\$ 182,500.00	\$ 182,500.00	\$ 730,000.00	\$ 3,650,000.00	\$ 3,467,500.00
Facility Cost - Interest	\$ 17,262.68	\$ 16,084.52	\$ 14,733.63	\$ 13,063.55	\$ 61,144.38			\$ 182,500.00
One-Time Cost - Principal	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 40,000.00			
One-Time Cost - Interest	\$ 1,199.45	\$ 1,133.40	\$ 1,057.66	\$ 964.03	\$ 4,354.55			
TOT175: Mojave Solar Project - Estimate								
Facility Cost - Principal	\$ 1,513,136.00	\$ 401,861.00	\$ 401,861.00	\$ 401,861.00	\$ 2,718,719.00	\$ 8,037,220.00	\$ 5,224,193.00	\$ 2,813,027.00
Facility Cost - Interest	\$ 277,361.76	\$ 53,632.75	\$ 52,522.23	\$ 50,462.48	\$ 433,979.21			
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOT211								
Facility Cost - Principal	\$ 1,974,800.00	\$ 1,974,800.00	\$ 1,974,800.00	\$ 1,974,800.00	\$ 7,899,200.00	\$ 39,496,000.00	\$ 11,848,800.00	\$ 27,647,200.00
Facility Cost - Interest	\$ 401,169.04	\$ 405,077.53	\$ 410,134.28	\$ 409,045.75	\$ 1,625,426.61			
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOT219: Rising Tree								
Facility Cost - Principal	\$ 119,750.00	\$ 119,750.00	\$ 119,750.00	\$ 119,750.00	\$ 479,000.00	\$ 2,395,000.00	\$ 1,317,250.00	\$ 1,077,750.00
Facility Cost - Interest	\$ 17,136.59	\$ 16,989.30	\$ 16,841.61	\$ 16,388.68	\$ 67,356.19			
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOT223: Genesis McCoy Solar Project								
Facility Cost - Principal	\$ 120,500.00	\$ 120,500.00	\$ 120,500.00	\$ 120,500.00	\$ 482,000.00	\$ 2,410,000.00	\$ 843,500.00	\$ 1,566,500.00
Facility Cost - Interest	\$ 24,343.78	\$ 24,505.60	\$ 24,723.76	\$ 24,577.30	\$ 98,150.44			
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOT278: Alta Vista SunTower Gen - Estimate								
Facility Cost - Principal	\$ 459,750.00	\$ 459,750.00	\$ 459,750.00	\$ 459,750.00	\$ 1,839,000.00	\$ 9,195,000.00	\$ 9,195,000.00	\$ -
Facility Cost - Interest	\$ 21,512.92	\$ 18,362.66	\$ 14,740.57	\$ 10,390.35	\$ 65,006.51			
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOT381								
Facility Cost - Principal	\$ 3,166,350.00	\$ 3,166,350.00	\$ 3,166,350.00	\$ 3,166,350.00	\$ 12,665,400.00	\$ 63,327,000.00	\$ 18,998,100.00	\$ 44,328,900.00
Facility Cost - Interest	\$ 608,930.78	\$ 615,141.14	\$ 623,176.04	\$ 621,446.41	\$ 2,468,694.37			
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOT404								
Facility Cost - Principal	\$ -	\$ -	\$ -	\$ 3,090,500.00	\$ 309,050.00	\$ 3,399,550.00	\$ 6,181,000.00	\$ 3,399,550.00
Facility Cost - Interest	\$ -	\$ -	\$ -	\$ 245,481.54	\$ 52,725.91	\$ 298,207.45		
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOT411 (Phase 1&2)								
Facility Cost - Principal	\$ -	\$ 257,591.28	\$ 85,863.76	\$ 85,863.76	\$ 429,318.80	\$ 1,717,275.18	\$ 429,318.80	\$ 1,287,956.39
Facility Cost - Interest	\$ -	\$ 31,092.18	\$ 15,535.14	\$ 15,535.28	\$ 62,180.60			
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOT455: Catalina Solar - Estimate								
Facility Cost - Principal	\$ 37,319.25	\$ 37,319.25	\$ 37,319.25	\$ 37,319.25	\$ 149,277.00	\$ 746,385.00	\$ 634,427.25	\$ 111,957.75
Facility Cost - Interest	\$ 4,613.46	\$ 4,445.03	\$ 4,254.44	\$ 3,986.51	\$ 17,299.44			
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOT508: TA-Acacia - Estimate								
Facility Cost - Principal	\$ 56,750.00	\$ 56,750.00	\$ 56,750.00	\$ 56,750.00	\$ 227,000.00	\$ 1,135,000.00	\$ 737,750.00	\$ 397,250.00
Facility Cost - Interest	\$ 5,691.67	\$ 5,552.77	\$ 5,400.87	\$ 5,119.14	\$ 21,764.44			
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOT522: Blue Sky Ranch - Estimate								
Facility Cost - Principal	\$ 29,050.00	\$ 29,050.00	\$ 29,050.00	\$ 29,050.00	\$ 116,200.00	\$ 581,000.00	\$ 377,650.00	\$ 203,350.00
Facility Cost - Interest	\$ 2,907.87	\$ 2,836.78	\$ 2,759.04	\$ 2,614.84	\$ 11,118.53			
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOT544: Kingbird Solar A								
Facility Cost - Principal	\$ 51,046.35	\$ 51,361.16	\$ 51,361.16	\$ 51,443.73	\$ 205,212.40	\$ 1,021,796.00	\$ 353,027.49	\$ 668,768.51
Facility Cost - Interest	\$ 8,399.91	\$ 8,523.61	\$ 8,614.53	\$ 8,554.79	\$ 34,092.85			
One-Time Cost - Principal	\$ 3,659.20	\$ 914.80	\$ 914.80	\$ 914.80	\$ 6,403.60			

One-Time Cost - Interest	\$ 451.09	\$ 216.45	\$ 218.15	\$ 217.01	\$ 1,102.70							
TOT545: Kingbird Solar B												
Facility Cost - Principal	\$ 51,046.35	\$ 51,361.16	\$ 51,438.23	\$ 51,438.23	\$ 205,283.96	\$ 1,021,796.00	\$ 353,099.05	\$ 668,696.95				
Facility Cost - Interest	\$ 8,399.91	\$ 8,523.61	\$ 8,614.53	\$ 8,553.97	\$ 34,092.03							
One-Time Cost - Principal	\$ 3,659.20	\$ 914.80	\$ 914.80	\$ 914.80	\$ 6,403.60							
One-Time Cost - Interest	\$ 451.09	\$ 216.45	\$ 218.15	\$ 217.01	\$ 1,102.70							

TOT573: RE Astoria										
Facility Cost - Principal	\$ 284,132.80	\$ 284,132.80	\$ 284,132.80	\$ 284,132.80	\$ 284,132.80	\$ 1,136,531.20	\$ 5,682,656.00	\$ 1,420,664.00	\$ 4,261,992.00	
Facility Cost - Interest	\$ 54,375.74	\$ 55,108.61	\$ 56,036.53	\$ 56,065.85	\$ 221,586.74					
One-Time Cost - Principal	\$ 1,824.70	\$ 1,824.70	\$ 1,824.70	\$ 1,824.70	\$ 1,824.70	\$ 7,298.80				
One-Time Cost - Interest	\$ 434.18	\$ 439.07	\$ 445.26	\$ 445.46	\$ 1,763.97					
TOT581										
Facility Cost - Principal	\$ -	\$ -	\$ 145,045.40	\$ 36,261.35	\$ 181,306.75	\$ 725,227.00	\$ 181,306.75	\$ 543,920.25		
Facility Cost - Interest	\$ -	\$ -	\$ 24,894.43	\$ 11,074.49	\$ 35,968.92					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -					
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -					
TOT585 (Phase 1&2)										
Facility Cost - Principal	\$ 123,668.04	\$ 123,668.04	\$ 123,668.04	\$ 123,668.04	\$ 494,672.15	\$ 2,473,360.73	\$ 494,672.15	\$ 1,978,688.58		
Facility Cost - Interest	\$ 3,559.73	\$ 25,919.02	\$ 26,418.06	\$ 26,511.06	\$ 82,407.87					
One-Time Cost - Principal	\$ 557.71	\$ 557.71	\$ 557.71	\$ 557.71	\$ 2,230.84					
One-Time Cost - Interest	\$ 36.95	\$ 141.46	\$ 143.79	\$ 144.23	\$ 466.44					
TOT672: RE Garland										
Facility Cost - Principal	\$ -	\$ 101,728.77	\$ 25,432.19	\$ 25,432.19	\$ 152,593.15	\$ 508,643.83	\$ 152,593.15	\$ 356,050.68		
Facility Cost - Interest	\$ -	\$ 13,890.42	\$ 4,582.79	\$ 4,574.83	\$ 23,048.04					
One-Time Cost - Principal	\$ -	\$ 53,205.23	\$ 13,301.31	\$ 13,301.31	\$ 79,807.85					
One-Time Cost - Interest	\$ -	\$ 10,001.46	\$ 2,723.85	\$ 2,720.04	\$ 15,445.35					
WDT1099TOC: Oasis										
Facility Cost - Principal	\$ 752.65	\$ 752.65	\$ 752.65	\$ 752.65	\$ 3,010.60	\$ 15,053.00	\$ 6,773.85	\$ 8,279.15		
Facility Cost - Interest	\$ 100.61	\$ 100.64	\$ 100.84	\$ 99.01	\$ 401.11					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -					
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -					
WDT1007: RE Columbia - Trued-up										
Facility Cost - Principal	\$ 63,310.05	\$ 633,100.50	\$ -	\$ -	\$ 696,410.55	\$ 1,266,201.00	\$ 1,266,201.00	\$ -		
Facility Cost - Interest	\$ 6,275.53	\$ 8,302.33	\$ -	\$ -	\$ 14,577.86					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -					
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -					
TOT516 - Trued-up										
Facility Cost - Principal	\$ -	\$ 563,584.00	\$ -	\$ -	\$ 563,584.00	\$ 563,584.00	\$ 563,584.00	\$ -		
Facility Cost - Interest	\$ -	\$ 26,120.14	\$ -	\$ -	\$ 26,120.14					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -					
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -					
TOT733 - Trued-up										
Facility Cost - Principal	\$ -	\$ 2,101.00	\$ -	\$ -	\$ 2,101.00	\$ -	\$ -	\$ -		
Facility Cost - Interest	\$ -	\$ 45.91	\$ -	\$ -	\$ 45.91					
One-Time Cost - Principal	\$ -	\$ 36,743.00	\$ -	\$ -	\$ 36,743.00					
One-Time Cost - Interest	\$ -	\$ 249.17	\$ -	\$ -	\$ 249.17					
WDT400 - Trued-up										
Facility Cost - Principal	\$ -	\$ -	\$ 15,000.00	\$ -	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ -		
Facility Cost - Interest	\$ -	\$ -	\$ 692.32	\$ -	\$ 692.32					
One-Time Cost - Principal	\$ -	\$ -	\$ -	\$ -	\$ -					
One-Time Cost - Interest	\$ -	\$ -	\$ -	\$ -	\$ -					
2017 Total										
Facility Cost - Principal	\$ 9,800,137.28	\$ 10,184,287.40	\$ 11,988,100.27	\$ 9,082,948.80	\$ 41,055,473.75	\$ 183,489,713.74	\$ 90,144,609.04	\$ 93,345,104.71		
Facility Cost - Interest	\$ 1,575,019.01	\$ 1,443,941.04	\$ 1,653,310.85	\$ 1,420,465.37	\$ 6,092,736.27					
One-Time Cost - Interest	\$ 2,572.76	\$ 12,397.46	\$ 4,806.87	\$ 4,707.78	\$ 24,484.87					

Input to
Schedule
22, Line 1

Notes:

1) Definitions:

Facility Cost - Principal: Total payments made by SCE on the Facility

Facility Cost - Interest: Total payments made by SCE on post-construction interest (quarterly) for Facility Costs. Interest calculations begin on the in-service date of the Facility.

One-Time Cost - Principal: Total payments made by SCE on One-Time Costs

One-Time Cost - Interest: Total payments made by SCE on pre- and post-construction interest (accrued interest and quarterly interest, respectively) for One-Time Costs. Interest calculations begin upon receipt of payment from the customer.

2) When actual costs are determined (True Up), refund amounts are recalculated to reflect the new totals. Adjustments are made for principal and accrued interest refunds for prior quarters to align the refund totals to the 1/20th per quarter criteria.

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost		Total Cost
01	01/01/13	\$ 5,567,720.00	\$ -	\$ -	\$ -	\$ 5,567,720.00
02	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
03	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
04	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
05	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
06	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
07	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
08	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
09	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
10	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
11	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
12	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
13	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
14	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
15	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
16	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
17	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
18	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
19	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
21	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
22	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
23	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
24	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ 5,567,720.00	\$ -	\$ -	\$ 5,567,720.00	
True Up 1		\$ 2,469,500.00				\$ 2,469,500.00
True Up 2		\$ 4,565,056.84				\$ 4,565,056.84
Grand Total		\$ 12,602,276.84	\$ -	\$ -	\$ 12,602,276.84	

	Estimate	Actual	Comments/Notes
In-Service Date:	07/30/14	11/12/13	
COD:	11/12/14	12/04/14	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
		11/12/13	12/31/13	50	3.250%	\$ 5,567,720.00	\$ 24,787.79	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,592,507.79	\$ 5,592,507.79
	Facility Cost	01/01/14	03/31/14	90	3.250%	\$ 5,592,507.79	\$ 44,816.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,637,324.47	\$ 5,637,324.47
		04/01/14	06/30/14	91	3.250%	\$ 5,637,324.47	\$ 45,677.77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,683,002.24	\$ 5,683,002.24
		07/01/14	09/30/14	92	3.250%	\$ 5,683,002.24	\$ 46,553.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,729,556.15	\$ 5,729,556.15
01	Q4/2014	10/01/14	12/31/14	92	3.250%	\$ 5,729,556.15	\$ 46,935.27	\$ 10,438.57	\$ -	\$ -	\$ 10,438.57	\$ 278,386.00	\$ 288,824.57	\$ 5,776,491.42	\$ 5,487,666.85
02	Q1/2015	01/01/15	03/31/15	90	3.250%	\$ 5,487,666.85	\$ -	\$ 10,438.57	\$ 43,976.51	\$ 54,415.08	\$ 278,386.00	\$ 332,801.08	\$ 5,531,643.35	\$ 5,198,842.27	
03	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 5,198,842.27	\$ -	\$ 10,438.57	\$ 42,124.87	\$ 52,563.44	\$ 278,386.00	\$ 330,949.44	\$ 5,240,967.14	\$ 4,910,017.70	
04	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 4,910,017.70	\$ -	\$ 10,438.57	\$ 40,221.79	\$ 50,660.36	\$ 278,386.00	\$ 329,046.36	\$ 4,950,239.49	\$ 4,621,193.13	
05	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 4,621,193.13	\$ -	\$ 10,438.57	\$ 37,855.80	\$ 48,294.37	\$ 278,386.00	\$ 326,680.37	\$ 4,659,048.93	\$ 4,332,368.56	
06	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 4,332,368.56	\$ -	\$ 10,438.57	\$ 35,008.14	\$ 45,446.71	\$ 278,386.00	\$ 323,832.71	\$ 4,367,376.70	\$ 4,043,543.99	
07	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 4,043,543.99	\$ -	\$ 10,438.57	\$ 34,785.53	\$ 45,224.10	\$ 278,386.00	\$ 323,610.10	\$ 4,078,329.52	\$ 3,754,719.42	
08	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 3,754,719.42	\$ -	\$ 10,438.57	\$ 33,033.32	\$ 43,471.89	\$ 278,386.00	\$ 321,857.89	\$ 3,787,752.74	\$ 3,465,894.85	
09	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 3,465,894.85	\$ -	\$ 10,438.57	\$ 30,492.30	\$ 40,930.87	\$ 278,386.00	\$ 319,316.87	\$ 3,496,387.15	\$ 3,177,070.28	
10	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 3,177,070.28	\$ -	\$ 10,438.57	\$ 27,418.55	\$ 37,857.12	\$ 278,386.00	\$ 316,243.12	\$ 3,204,488.83	\$ 2,888,245.71	
11	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,888,245.71	\$ -	\$ 10,438.57	\$ 26,715.09	\$ 37,153.66	\$ 278,386.00	\$ 315,539.66	\$ 2,914,960.79	\$ 2,599,421.14	
12	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,599,421.14	\$ -	\$ 10,438.57	\$ 25,945.78	\$ 36,384.35	\$ 278,386.00	\$ 314,770.35	\$ 2,625,366.92	\$ 2,310,596.57	
13	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 2,310,596.57	\$ -	\$ 10,438.57	\$ 24,518.91	\$ 34,957.48	\$ 278,386.00	\$ 313,343.48	\$ 2,335,115.48	\$ 2,021,772.00	
14	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 2,021,772.00	\$ -	\$ 10,438.57	\$ 21,187.06	\$ 31,625.63	\$ 278,386.00	\$ 310,011.63	\$ 2,042,959.06	\$ 1,732,947.42	
15	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,732,947.42	\$ -	\$ 10,438.57	\$ 19,312.63	\$ 29,751.20	\$ 278,386.00	\$ 308,137.20	\$ 1,752,260.06	\$ 1,444,122.85	
16	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,444,122.85	\$ -	\$ 10,438.57	\$ 17,071.51	\$ 27,510.08	\$ 278,386.00	\$ 305,896.08	\$ 1,461,194.36	\$ 1,155,298.28	
17	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,155,298.28	\$ -	\$ 10,438.57	\$ 14,443.44	\$ 24,882.02	\$ 278,386.00	\$ 303,268.02	\$ 1,169,741.73	\$ 866,473.71	
18	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 866,473.71	\$ -	\$ 10,438.57	\$ 11,067.12	\$ 21,505.70	\$ 278,386.00	\$ 299,891.70	\$ 877,540.84	\$ 577,649.14	
19	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 577,649.14	\$ -	\$ 10,438.57	\$ 7,848.91	\$ 18,287.48	\$ 278,386.00	\$ 296,673.48	\$ 585,498.05	\$ 288,824.57	
20	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 288,824.57	\$ -	\$ 10,438.57	\$ 4,377.71	\$ 14,816.28	\$ 278,386.00	\$ 293,202.28	\$ 293,202.28	\$ 0.00	
						\$ 83,086,779.10	\$ 208,771.42	\$ 208,771.42	\$ 497,404.97	\$ 706,176.39	\$ 5,567,720.00	\$ 6,273,896.39	\$ 83,792,955.49	\$ 77,519,059.10	

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost		Total Cost
01	01/01/13	\$ 5,567,720.00	\$ -	\$ -	\$ -	\$ 5,567,720.00
02	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
03	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
04	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
05	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
06	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
07	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
08	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
09	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
10	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
11	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
12	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
13	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
14	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
15	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
16	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
17	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
18	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
19	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
21	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
22	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
23	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
24	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ 5,567,720.00	\$ -	\$ -	\$ -	\$ 5,567,720.00
True Up 1	N/A	\$ 2,469,500.00	\$ -	\$ -	\$ -	\$ 2,469,500.00
True Up 2	N/A	\$ 4,565,056.84	\$ -	\$ -	\$ -	\$ 4,565,056.84
Grand Total		\$ 12,602,276.84	\$ -	\$ -	\$ -	\$ 12,602,276.84

	In-Service Date:	Estimate	Actual	Comments/Notes
		COD:	11/12/13	
		07/30/14		
		11/12/14	12/04/14	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest					Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								Accrued Interest	Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)							
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest	Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)				
01	Q4/2014	10/01/14	12/31/14	92	3.250%	\$ 2,541,280.62	\$ 20,817.61	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,562,098.23	\$ 2,562,098.23		
02	Q1/2015	01/01/15	03/31/15	90	3.250%	\$ 2,562,098.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,582,630.11	\$ 2,582,630.11			
03	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 2,562,098.23	\$ -	\$ -	\$ -	\$ 20,760.02	\$ 20,760.02	\$ -	\$ -	\$ -	\$ 2,582,858.24	\$ 2,582,858.24			
04	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 2,562,098.23	\$ -	\$ -	\$ -	\$ 20,988.15	\$ 20,988.15	\$ -	\$ -	\$ -	\$ 2,583,086.38	\$ 2,583,086.38			
05	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 2,562,098.23	\$ -	\$ -	\$ -	\$ 20,988.15	\$ 20,988.15	\$ -	\$ -	\$ -	\$ 2,583,086.38	\$ 2,583,086.38			
06	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 2,562,098.23	\$ -	\$ -	\$ -	\$ 20,703.29	\$ 20,703.29	\$ -	\$ -	\$ -	\$ 2,582,801.52	\$ 2,582,801.52			
07	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 2,562,098.23	\$ -	\$ -	\$ 22,041.05	\$ 22,041.05	\$ -	\$ -	\$ -	\$ 2,584,139.27	\$ 2,584,139.27				
08	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 2,562,098.23	\$ -	\$ -	\$ 22,540.86	\$ 22,540.86	\$ -	\$ -	\$ -	\$ 2,584,639.09	\$ 2,584,639.09				
09	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 2,562,098.23	\$ -	\$ -	\$ 22,540.86	\$ 22,540.86	\$ -	\$ -	\$ -	\$ 2,584,639.09	\$ 2,584,639.09				
10	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,562,098.23	\$ -	\$ 46,299.11	\$ 22,111.26	\$ 68,410.37	\$ 1,234,750.00	\$ 1,303,160.37	\$ -	\$ 2,584,209.49	\$ 2,584,209.49				
11	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,281,049.11	\$ -	\$ 4,629.91	\$ 11,849.18	\$ 16,479.09	\$ 123,475.00	\$ 139,954.09	\$ -	\$ 1,292,898.29	\$ 1,292,898.29				
12	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,152,944.20	\$ -	\$ 4,629.91	\$ 11,507.96	\$ 16,137.87	\$ 123,475.00	\$ 139,612.87	\$ -	\$ 1,164,452.17	\$ 1,164,452.17				
13	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,024,839.29	\$ -	\$ 4,629.91	\$ 10,875.09	\$ 15,505.00	\$ 123,475.00	\$ 138,980.00	\$ -	\$ 1,035,714.38	\$ 896,734.38				
14	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 896,734.38	\$ -	\$ 4,629.91	\$ 9,397.28	\$ 14,027.20	\$ 123,475.00	\$ 137,502.20	\$ -	\$ 906,131.67	\$ 768,629.47				
15	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 768,629.47	\$ -	\$ 4,629.91	\$ 8,565.90	\$ 13,195.81	\$ 123,475.00	\$ 136,670.81	\$ -	\$ 777,195.37	\$ 640,524.56				
16	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 640,524.56	\$ -	\$ 4,629.91	\$ 7,571.88	\$ 12,201.79	\$ 123,475.00	\$ 135,676.79	\$ -	\$ 648,096.44	\$ 512,419.65				
17	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 512,419.65	\$ -	\$ 4,629.91	\$ 6,406.23	\$ 11,036.14	\$ 123,475.00	\$ 134,511.14	\$ -	\$ 518,825.87	\$ 384,314.73				
18	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 384,314.73	\$ -	\$ 4,629.91	\$ 4,908.70	\$ 9,538.61	\$ 123,475.00	\$ 133,013.61	\$ -	\$ 389,223.43	\$ 256,209.82				
19	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 256,209.82	\$ -	\$ 4,629.91	\$ 3,481.29	\$ 8,111.21	\$ 123,475.00	\$ 131,586.21	\$ -	\$ 259,691.12	\$ 128,104.91				
20	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 128,104.91	\$ -	\$ 4,629.91	\$ 1,941.68	\$ 6,571.59	\$ 123,475.00	\$ 130,046.59	\$ -	\$ 130,046.59	\$ 0.00				
								\$ 42,616,933.59	\$ 92,598.23	\$ 269,710.72	\$ 362,308.95	\$ 2,469,500.00	\$ 2,831,808.95	\$ 42,979,242.54	\$ 40,147,433.59				

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost		Total Cost
01	01/01/13	\$ 5,567,720.00	\$ -	\$ -	\$ -	\$ 5,567,720.00
02	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
03	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
04	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
05	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
06	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
07	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
08	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
09	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
10	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
11	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
12	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
13	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
14	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
15	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
16	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
17	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
18	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
19	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
21	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
22	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
23	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
24	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ 5,567,720.00	\$ -	\$ -	\$ -	\$ 5,567,720.00
True Up 1	N/A	\$ 2,469,500.00	\$ -	\$ -	\$ -	\$ 2,469,500.00
True Up 2	N/A	\$ 4,565,056.84	\$ -	\$ -	\$ -	\$ 4,565,056.84
Grand Total		\$ 12,602,276.84	\$ -	\$ -	\$ -	\$ 12,602,276.84

	In-Service Date:	Estimate	Actual	Comments/Notes
		07/30/14	11/12/13	
	COD:	11/12/14	12/04/14	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest					Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
14	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 4,850,787.76	\$ 50,833.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,901,621.35	\$ 4,901,621.35
15	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 4,901,621.35	\$ -	\$ 252,423.38	\$ 54,625.55	\$ 307,048.93	\$ 3,423,792.63	\$ 3,730,841.56	\$ 4,956,246.90	\$ 1,225,405.34
16	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,225,405.34	\$ -	\$ 16,828.23	\$ 14,485.97	\$ 31,314.20	\$ 228,252.84	\$ 259,567.04	\$ 1,239,891.31	\$ 980,324.27
17	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 980,324.27	\$ -	\$ 16,828.23	\$ 12,255.93	\$ 29,084.16	\$ 228,252.84	\$ 257,337.00	\$ 992,580.20	\$ 735,243.20
18	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 735,243.20	\$ -	\$ 16,828.23	\$ 9,390.97	\$ 26,219.20	\$ 228,252.84	\$ 254,472.04	\$ 744,634.17	\$ 490,162.14
19	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 490,162.14	\$ -	\$ 16,828.23	\$ 6,660.16	\$ 23,488.39	\$ 228,252.84	\$ 251,741.23	\$ 496,822.30	\$ 245,081.07
20	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 245,081.07	\$ -	\$ 16,828.23	\$ 3,714.69	\$ 20,542.91	\$ 228,252.84	\$ 248,795.75	\$ 248,795.75	\$ (0.00)
						\$ 46,138,746.66	\$ 336,564.51	\$ 336,564.51	\$ 101,133.27	\$ 437,697.78	\$ 4,565,056.84	\$ 5,002,754.62	\$ 46,576,444.44	\$ 41,573,689.82

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost		Total Cost
01	01/01/13	\$ 5,567,720.00	\$ -	\$ -	\$ -	\$ 5,567,720.00
02	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
03	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
04	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
05	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
06	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
07	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
08	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
09	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
10	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
11	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
12	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
13	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
14	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
15	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
16	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
17	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
18	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
19	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
21	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
22	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
23	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
24	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ 5,567,720.00	\$ -	\$ -	\$ 5,567,720.00	
True Up 1						
True Up 2						
Grand Total		\$ 12,602,276.84	\$ -	\$ -	\$ 12,602,276.84	

	Estimate	Actual	Comments/Notes
In-Service Date:	07/30/14	11/12/13	
COD:	11/12/14	12/04/14	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest					Accrued Interest Refund (A) Quarterly Interest Refund (B) Total Interest Refund (A) + (B) = (C) Principal Refund (D) Total Refund (C) + (D) = (E)					Total Due (1) + (2) + (B) = (3)		Running Balance (3) - (E)	
								Accrued Interest					Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)		Running Balance (3) - (E)	
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)		Running Balance (3) - (E)		Total Due (1) + (2) + (B) = (3)		Running Balance (3) - (E)		
01	Q4/2014	10/01/14	12/31/14	92	3.250%	\$ 8,270,836.76	\$ 301,369.65	\$ 10,438.57	\$ -	\$ 278,386.00	\$ 288,824.57	\$ 8,572,206.41	\$ 8,283,381.84	\$ 8,283,381.84		\$ 8,283,381.84		\$ 8,283,381.84			
02	Q1/2015	01/01/15	03/31/15	90	3.250%	\$ 8,049,765.07	\$ -	\$ 10,438.57	\$ 43,976.51	\$ 54,415.08	\$ 278,386.00	\$ 332,801.08	\$ 8,093,741.58	\$ 7,760,940.50	\$ 7,760,940.50		\$ 7,760,940.50		\$ 7,760,940.50		
03	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 7,760,940.50	\$ -	\$ 10,438.57	\$ 42,124.87	\$ 52,563.44	\$ 278,386.00	\$ 330,949.44	\$ 7,803,065.37	\$ 7,472,115.93	\$ 7,472,115.93		\$ 7,472,115.93		\$ 7,472,115.93		
04	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 7,472,115.93	\$ -	\$ 10,438.57	\$ 40,221.79	\$ 50,660.36	\$ 278,386.00	\$ 329,046.36	\$ 7,512,337.72	\$ 7,183,291.36	\$ 7,183,291.36		\$ 7,183,291.36		\$ 7,183,291.36		
05	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 7,183,291.36	\$ -	\$ 10,438.57	\$ 37,855.80	\$ 48,294.37	\$ 278,386.00	\$ 326,680.37	\$ 7,221,147.16	\$ 6,894,466.79	\$ 6,894,466.79		\$ 6,894,466.79		\$ 6,894,466.79		
06	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 6,894,466.79	\$ -	\$ 10,438.57	\$ 35,008.14	\$ 45,446.71	\$ 278,386.00	\$ 323,832.71	\$ 6,929,474.93	\$ 6,605,642.22	\$ 6,605,642.22		\$ 6,605,642.22		\$ 6,605,642.22		
07	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 6,605,642.22	\$ -	\$ 10,438.57	\$ 34,785.53	\$ 45,224.10	\$ 278,386.00	\$ 323,610.10	\$ 6,640,427.75	\$ 6,316,817.65	\$ 6,316,817.65		\$ 6,316,817.65		\$ 6,316,817.65		
08	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 6,316,817.65	\$ -	\$ 10,438.57	\$ 33,033.32	\$ 43,471.89	\$ 278,386.00	\$ 321,857.89	\$ 6,349,850.97	\$ 6,027,993.08	\$ 6,027,993.08		\$ 6,027,993.08		\$ 6,027,993.08		
09	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 6,027,993.08	\$ -	\$ 10,438.57	\$ 30,492.30	\$ 40,930.87	\$ 278,386.00	\$ 319,316.87	\$ 6,058,485.38	\$ 5,739,168.51	\$ 5,739,168.51		\$ 5,739,168.51		\$ 5,739,168.51		
10	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 5,739,168.51	\$ -	\$ 56,737.69	\$ 220,624.07	\$ 277,361.76	\$ 1,513,136.00	\$ 1,790,497.76	\$ 5,959,792.58	\$ 4,169,294.82	\$ 4,169,294.82		\$ 4,169,294.82		\$ 4,169,294.82		
11	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 4,169,294.82	\$ -	\$ 15,068.48	\$ 38,564.26	\$ 53,632.75	\$ 401,861.00	\$ 455,493.75	\$ 4,207,859.09	\$ 3,752,365.34	\$ 3,752,365.34		\$ 3,752,365.34		\$ 3,752,365.34		
12	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 3,752,365.34	\$ -	\$ 15,068.48	\$ 37,453.75	\$ 52,522.23	\$ 401,861.00	\$ 454,383.23	\$ 3,789,819.09	\$ 3,335,435.86	\$ 3,335,435.86		\$ 3,335,435.86		\$ 3,335,435.86		
13	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 3,335,435.86	\$ -	\$ 15,068.48	\$ 35,394.00	\$ 50,462.48	\$ 401,861.00	\$ 452,323.48	\$ 3,370,829.86	\$ 2,918,506.38	\$ 2,918,506.38		\$ 2,918,506.38		\$ 2,918,506.38		
14	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 2,918,506.38	\$ -	\$ 15,068.48	\$ 30,584.35	\$ 45,652.83	\$ 401,861.00	\$ 447,513.83	\$ 7,850,712.08	\$ 7,403,198.25	\$ 7,403,198.25		\$ 7,403,198.25		\$ 7,403,198.25		
15	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 2,501,576.89	\$ -	\$ 267,491.87	\$ 82,504.08	\$ 349,995.95	\$ 3,825,653.63	\$ 4,175,649.58	\$ 7,485,702.33	\$ 3,310,052.75	\$ 3,310,052.75		\$ 3,310,052.75		\$ 3,310,052.75		
16	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 2,084,647.41	\$ -	\$ 31,896.71	\$ 39,129.36	\$ 71,026.07	\$ 630,113.84	\$ 701,139.91	\$ 3,349,182.11	\$ 2,648,042.20	\$ 2,648,042.20		\$ 2,648,042.20		\$ 2,648,042.20		
17	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,667,717.93	\$ -	\$ 31,896.71	\$ 33,105.61	\$ 65,002.31	\$ 630,113.84	\$ 695,116.16	\$ 2,681,147.81	\$ 1,986,031.65	\$ 1,986,031.65		\$ 1,986,031.65		\$ 1,986,031.65		
18	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,250,788.45	\$ -	\$ 31,896.71	\$ 25,366.79	\$ 57,263.50	\$ 630,113.84	\$ 687,377.34	\$ 2,011,398.44	\$ 1,324,021.10	\$ 1,324,021.10		\$ 1,324,021.10		\$ 1,324,021.10		
19	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 833,858.96	\$ -	\$ 31,896.71	\$ 17,990.36	\$ 49,887.07	\$ 630,113.84	\$ 680,000.91	\$ 1,342,011.46	\$ 662,010.55	\$ 662,010.55		\$ 662,010.55		\$ 662,010.55		
20	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 416,929.48	\$ -	\$ 31,896.71	\$ 10,034.08	\$ 41,930.78	\$ 630,113.84	\$ 672,044.63	\$ 672,044.63	\$ 0.00	\$ 0.00		\$ 0.00		\$ 0.00		
								\$ 93,252,159.41	\$ 301,369.65	\$ 637,934.16	\$ 868,248.96	\$ 1,506,183.12	\$ 12,602,276.84	\$ 14,108,459.96	\$ 107,901,236.74	\$ 93,792,776.78					
								\$ 301,369.65	\$ 637,934.16	\$ 868,248.96	\$ 1,506,183.12	\$ 12,602,276.84	\$ 14,108,459.96	\$ 107,901,236.74	\$ 93,792,776.78						
								\$ 637,934.16	\$ 868,248.96	\$ 1,506,183.12	\$ 12,602,276.84	\$ 14,108,459.96	\$ 107,901,236.74	\$ 93,792,776.78	\$ 107,901,236.74	\$ 93,792,776.78					

Payment #	Date Received	Facility Cost	reliability Network	ITCC	One-Time Cost	Total Cost			
	20	N/A	\$ -	\$ -	\$ -	\$ -			
	Total	\$ 36,596,000.00	\$ 2,900,000.00	\$ -	\$ -	\$ 39,496,000.00			
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	Estimate	Actual	Comments/Notes
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	In-Service Date:	07/14/15	07/14/15
	Grand Total	\$ 36,596,000.00	\$ 2,900,000.00	\$ -	\$ -	\$ 39,496,000.00	COD:	08/20/16	08/30/16

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest	Facility Cost 01					Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
									Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
N/A	Q3/2015	07/14/15	09/30/15	79	3.250%	\$ 39,496,000.00	\$ 277,824.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,773,824.60	\$ 39,773,824.60
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 39,773,824.60	\$ 325,818.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,099,643.06	\$ 40,099,643.06
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 40,099,643.06	\$ 324,029.22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,423,672.28	\$ 40,423,672.28
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 40,423,672.28	\$ 347,754.03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,771,426.30	\$ 40,771,426.30
01	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 40,771,426.30	\$ 358,699.43	\$ 81,706.29	\$ -	\$ 81,706.29	\$ 1,974,800.00	\$ 2,056,506.29	\$ 41,130,125.74	\$ 39,073,619.45	
02	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 39,073,619.45	\$ -	\$ 81,706.29	\$ 343,762.44	\$ 425,468.73	\$ 1,974,800.00	\$ 2,400,268.73	\$ 39,417,381.90	\$ 37,017,113.16	
03	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 37,017,113.16	\$ -	\$ 81,706.29	\$ 319,462.76	\$ 401,169.04	\$ 1,974,800.00	\$ 2,375,969.04	\$ 37,336,575.92	\$ 34,960,606.88	
04	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 34,960,606.88	\$ -	\$ 81,706.29	\$ 323,371.25	\$ 405,077.53	\$ 1,974,800.00	\$ 2,379,877.53	\$ 35,283,978.12	\$ 32,904,100.59	
05	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 32,904,100.59	\$ -	\$ 81,706.29	\$ 328,428.00	\$ 410,134.28	\$ 1,974,800.00	\$ 2,384,934.28	\$ 33,232,528.59	\$ 30,847,594.30	
06	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 30,847,594.30	\$ -	\$ 81,706.29	\$ 327,339.46	\$ 409,045.75	\$ 1,974,800.00	\$ 2,383,845.75	\$ 31,174,933.76	\$ 28,791,088.02	
07	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 28,791,088.02	\$ -	\$ 81,706.29	\$ 301,714.83	\$ 383,421.11	\$ 1,974,800.00	\$ 2,358,221.11	\$ 29,092,802.84	\$ 26,734,581.73	
08	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 26,734,581.73	\$ -	\$ 81,706.29	\$ 297,940.43	\$ 379,646.72	\$ 1,974,800.00	\$ 2,354,446.72	\$ 27,032,522.16	\$ 24,678,075.44	
09	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 24,678,075.44	\$ -	\$ 81,706.29	\$ 291,728.66	\$ 373,434.94	\$ 1,974,800.00	\$ 2,348,234.94	\$ 24,969,804.10	\$ 22,621,569.16	
10	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 22,621,569.16	\$ -	\$ 81,706.29	\$ 282,813.00	\$ 364,519.29	\$ 1,974,800.00	\$ 2,339,319.29	\$ 22,904,382.15	\$ 20,565,062.87	
11	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 20,565,062.87	\$ -	\$ 81,706.29	\$ 262,669.38	\$ 344,375.67	\$ 1,974,800.00	\$ 2,319,175.67	\$ 20,827,732.25	\$ 18,508,556.58	
12	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 18,508,556.58	\$ -	\$ 81,706.29	\$ 251,488.18	\$ 333,194.47	\$ 1,974,800.00	\$ 2,307,994.47	\$ 18,760,044.76	\$ 16,452,050.30	
13	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 16,452,050.30	\$ -	\$ 81,706.29	\$ 249,363.27	\$ 331,069.56	\$ 1,974,800.00	\$ 2,305,869.56	\$ 16,701,413.57	\$ 14,395,544.01	
14	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 14,395,544.01	\$ -	\$ 81,706.29	\$ 226,799.87	\$ 308,506.16	\$ 1,974,800.00	\$ 2,283,306.16	\$ 14,622,343.88	\$ 12,339,037.72	
15	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 12,339,037.72	\$ -	\$ 81,706.29	\$ 192,791.65	\$ 274,497.93	\$ 1,974,800.00	\$ 2,249,297.93	\$ 12,531,829.37	\$ 10,282,531.43	
16	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 10,282,531.43	\$ -	\$ 81,706.29	\$ 166,231.94	\$ 247,938.22	\$ 1,974,800.00	\$ 2,222,738.22	\$ 10,448,763.37	\$ 8,226,025.15	
17	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 8,226,025.15	\$ -	\$ 81,706.29	\$ 134,429.23	\$ 216,135.52	\$ 1,974,800.00	\$ 2,190,935.52	\$ 8,360,454.38	\$ 6,169,518.86	
18	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 6,169,518.86	\$ -	\$ 81,706.29	\$ 100,826.53	\$ 182,532.81	\$ 1,974,800.00	\$ 2,157,332.81	\$ 6,270,345.39	\$ 4,113,012.57	
19	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 4,113,012.57	\$ -	\$ 81,706.29	\$ 65,936.59	\$ 147,642.87	\$ 1,974,800.00	\$ 2,122,442.87	\$ 4,178,949.16	\$ 2,056,506.29	
20	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 2,056,506.29	\$ -	\$ 81,706.29	\$ 33,334.61	\$ 115,040.89	\$ 1,974,800.00	\$ 2,089,840.89	\$ 2,089,840.89	\$ (0.00)	

Date Payment Received		Facility Cost	ITCC	One-Time Cost		Total Cost
Payment #		\$ 380,000.00	\$ -	\$ -	\$ 380,000.00	
01	10/15/10	\$ 380,000.00	\$ -	\$ -	\$ 380,000.00	
		Total	\$ 3,815,000.00	\$ -	\$ -	\$ 3,815,000.00
Adjustment	N/A	\$ (1,420,000.00)	\$ -	\$ -	\$ -	\$ (1,420,000.00)
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
		Grand Total	\$ 2,395,000.00	\$ -	\$ -	\$ 2,395,000.00

	Estimate	Actual	Comments/Notes		
In-Service Date:	07/31/15	12/18/14	9/30/16: CHANGED BASE FROM 3,815,000 (BASED ON OLD AGMT) TO 2,395,000 (PER LATEST A		
COD:	10/31/15	06/25/15			

										\$ 355,000.00					
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Facility Cost	12/18/14	12/31/14	14	3.250%	\$ 3,815,000.00	\$ 4,755.68		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,819,755.68	\$ 3,819,755.68
	01/01/15	03/31/15	90	3.250%	\$ 3,819,755.68	\$ 30,610.37		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,850,366.06	\$ 3,850,366.06
	04/01/15	06/30/15	91	3.250%	\$ 3,850,366.06	\$ 31,198.51		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,881,564.57	\$ 3,881,564.57
	07/01/15	09/30/15	92	3.250%	\$ 3,881,564.57	\$ -		\$ -	\$ 31,796.93	\$ 31,796.93	\$ -	\$ -	\$ -	\$ 3,913,361.50	\$ 3,913,361.50
	10/01/15	12/31/15	92	3.250%	\$ 3,913,361.50	\$ -		\$ -	\$ 32,057.40	\$ 32,057.40	\$ -	\$ -	\$ -	\$ 3,945,418.90	\$ 3,945,418.90
01-03	Q1/2016	01/01/16	02/29/16	60	3.250%	\$ 3,945,418.90		\$ -	\$ 9,984.69	\$ 21,020.67	\$ 94,859.69	\$ 572,250.00	\$ 667,109.69	\$ 3,966,439.57	\$ 3,299,329.88
04	Q1/2016	03/01/16	03/31/16	31	3.250%	\$ 3,299,329.88		\$ -	\$ 3,328.23	\$ 9,082.17	\$ 12,410.40	\$ 190,750.00	\$ 203,160.40	\$ 3,308,412.06	\$ 3,105,251.66
05	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 3,105,251.66		\$ -	\$ 3,328.23	\$ 26,713.65	\$ 30,041.88	\$ 190,750.00	\$ 220,791.88	\$ 3,131,965.30	\$ 2,911,173.43
06	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 2,911,173.43		\$ -	\$ 3,328.23	\$ 25,611.96	\$ 28,940.19	\$ (235,250.00)	\$ (206,309.81)	\$ 2,936,785.39	\$ 1,723,095.20
07	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,723,095.20		\$ -	\$ 3,328.23	\$ 15,159.47	\$ 18,487.70	\$ 119,750.00	\$ 138,237.70	\$ 1,738,254.67	\$ 1,600,016.97
08	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,600,016.97		\$ -	\$ 3,328.23	\$ 13,808.37	\$ 17,136.59	\$ 119,750.00	\$ 136,886.59	\$ 1,613,825.34	\$ 1,476,938.74
09	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,476,938.74		\$ -	\$ 3,328.23	\$ 13,661.08	\$ 16,989.30	\$ 119,750.00	\$ 136,739.30	\$ 1,490,599.82	\$ 1,353,860.51
10	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,353,860.51		\$ -	\$ 3,328.23	\$ 13,513.38	\$ 16,841.61	\$ 119,750.00	\$ 136,591.61	\$ 1,367,373.90	\$ 1,230,782.28
11	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,230,782.28		\$ -	\$ 3,328.23	\$ 13,060.45	\$ 16,388.68	\$ 119,750.00	\$ 136,138.68	\$ 1,243,842.74	\$ 1,107,704.00
12	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,107,704.06		\$ -	\$ 3,328.23	\$ 11,608.13	\$ 14,936.36	\$ 119,750.00	\$ 134,686.36	\$ 1,119,312.19	\$ 984,625.83
13	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 984,625.83		\$ -	\$ 3,328.23	\$ 10,973.05	\$ 14,301.28	\$ 119,750.00	\$ 134,051.28	\$ 995,598.88	\$ 861,547.60
14	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 861,547.60		\$ -	\$ 3,328.23	\$ 10,184.67	\$ 13,512.90	\$ 119,750.00	\$ 133,262.90	\$ 871,732.27	\$ 738,469.37
15	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 738,469.37		\$ -	\$ 3,328.23	\$ 9,232.28	\$ 12,560.51	\$ 119,750.00	\$ 132,310.51	\$ 747,701.65	\$ 615,391.14
16	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 615,391.14		\$ -	\$ 3,328.23	\$ 7,860.15	\$ 11,188.38	\$ 119,750.00	\$ 130,938.38	\$ 623,251.29	\$ 492,312.91
17	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 492,312.91		\$ -	\$ 3,328.23	\$ 6,689.39	\$ 10,017.61	\$ 119,750.00	\$ 129,767.61	\$ 499,002.30	\$ 369,234.62
18	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 369,234.69		\$ -	\$ 3,328.23	\$ 5,596.48	\$ 8,924.71	\$ 119,750.00	\$ 128,674.71	\$ 374,831.17	\$ 246,156.46
19	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 246,156.46		\$ -	\$ 3,328.23	\$ 3,878.16	\$ 7,206.39	\$ 119,750.00	\$ 126,956.39	\$ 250,034.62	\$ 123,078.23
20	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 123,078.23		\$ -	\$ 3,328.23	\$ 1,923.04	\$ 5,251.27	\$ 119,750.00	\$ 125,001.27	\$ 125,001.27	\$ (0.00)

Payment #	Date Payment Received	Facility Cost		ITCC	One-Time Cost		Total Cost
01		\$ 2,410,000.00	\$ -	\$ -	\$ -	\$ -	\$ 2,410,000.00
02	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
03	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
05	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
06	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
08	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
09	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ 2,410,000.00	\$ -	\$ -	\$ -	\$ 2,410,000.00	
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
Grand Total		\$ 2,410,000.00	\$ -	\$ -	\$ -	\$ 2,410,000.00	

In-Service Date:	Estimate	Actual	Comments/Notes
	COD:	05/01/15	
		06/27/16	06/27/16

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)	
		05/01/15	06/30/15	61	3.250%	\$ 2,410,000.00	\$ 13,089.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,423,089.93	\$ 2,423,089.93	
		07/01/15	09/30/15	92	3.250%	\$ 2,423,089.93	\$ 19,849.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,442,939.35	\$ 2,442,939.35	
		10/01/15	12/31/15	92	3.250%	\$ 2,442,939.35	\$ 20,012.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,462,951.38	\$ 2,462,951.38	
		01/01/16	03/31/16	91	3.250%	\$ 2,462,951.38	\$ 19,902.13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,482,853.50	\$ 2,482,853.50	
		04/01/16	06/30/16	91	3.460%	\$ 2,482,853.50	\$ 21,359.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,504,212.83	\$ 2,504,212.83	
01-02	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 2,504,212.83	\$ 22,031.60	\$ 11,624.44	\$ 22,031.60	\$ 33,656.04	\$ 241,000.00	\$ 274,656.04	\$ 2,548,276.03	\$ 2,273,619.98	
03	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 2,273,619.98	\$ -	\$ 5,812.22	\$ 20,002.89	\$ 25,815.11	\$ 120,500.00	\$ 146,315.11	\$ 2,293,622.87	\$ 2,147,307.76	
04	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,147,307.76	\$ -	\$ 5,812.22	\$ 18,531.56	\$ 24,343.78	\$ 120,500.00	\$ 144,843.78	\$ 2,165,839.32	\$ 2,020,995.54	
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,020,995.54	\$ -	\$ 5,812.22	\$ 18,693.38	\$ 24,505.60	\$ 120,500.00	\$ 145,005.60	\$ 2,039,688.92	\$ 1,894,683.32	
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,894,683.32	\$ -	\$ 5,812.22	\$ 18,911.53	\$ 24,723.76	\$ 120,500.00	\$ 145,223.76	\$ 1,913,594.86	\$ 1,768,371.10	
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,768,371.10	\$ -	\$ 5,812.22	\$ 18,765.08	\$ 24,577.30	\$ 120,500.00	\$ 145,077.30	\$ 1,787,136.18	\$ 1,642,058.88	
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,642,058.88	\$ -	\$ 5,812.22	\$ 17,207.88	\$ 23,020.10	\$ 120,500.00	\$ 143,520.10	\$ 1,659,266.76	\$ 1,515,746.66	
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,515,746.66	\$ -	\$ 5,812.22	\$ 16,892.06	\$ 22,704.28	\$ 120,500.00	\$ 143,204.28	\$ 1,532,638.72	\$ 1,389,434.44	
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,389,434.44	\$ -	\$ 5,812.22	\$ 16,425.02	\$ 22,237.24	\$ 120,500.00	\$ 142,737.24	\$ 1,405,859.45	\$ 1,263,122.21	
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,263,122.21	\$ -	\$ 5,812.22	\$ 15,791.45	\$ 21,603.67	\$ 120,500.00	\$ 142,103.67	\$ 1,278,913.66	\$ 1,136,809.99	
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,136,809.99	\$ -	\$ 5,812.22	\$ 14,520.02	\$ 20,332.24	\$ 120,500.00	\$ 140,832.24	\$ 1,151,330.01	\$ 1,010,497.77	
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,010,497.77	\$ -	\$ 5,812.22	\$ 13,730.31	\$ 19,542.53	\$ 120,500.00	\$ 140,042.53	\$ 1,024,228.08	\$ 884,185.55	
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 884,185.55	\$ -	\$ 5,812.22	\$ 13,401.58	\$ 19,213.80	\$ 120,500.00	\$ 139,713.80	\$ 897,587.13	\$ 757,873.33	
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 757,873.33	\$ -	\$ 5,812.22	\$ 11,940.19	\$ 17,752.41	\$ 120,500.00	\$ 138,252.41	\$ 769,813.52	\$ 631,561.11	
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 631,561.11	\$ -	\$ 5,812.22	\$ 9,867.84	\$ 15,680.07	\$ 120,500.00	\$ 136,180.07	\$ 641,428.95	\$ 505,248.89	
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 505,248.89	\$ -	\$ 5,812.22	\$ 8,168.08	\$ 13,980.30	\$ 120,500.00	\$ 134,480.30	\$ 513,416.96	\$ 378,936.66	
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 378,936.66	\$ -	\$ 5,812.22	\$ 6,192.56	\$ 12,004.78	\$ 120,500.00	\$ 132,504.78	\$ 385,129.23	\$ 252,624.44	
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 252,624.44	\$ -	\$ 5,812.22	\$ 4,128.56	\$ 9,940.78	\$ 120,500.00	\$ 130,440.78	\$ 256,753.01	\$ 126,312.22	
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 126,312.22	\$ -	\$ 5,812.22	\$ 2,024.94	\$ 7,837.16	\$ 120,500.00	\$ 128,337.16	\$ 128,337.16	\$ (0.00)	
								\$ 36,325,436.85	\$ 116,244.43	\$ 267,226.53	\$ 383,470.96	\$ 2,410,000.00	\$ 2,793,470.96	\$ 36,708,907.81	\$ 33,915,436.85

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
		01/00/00	03/31/00	92	#N/A	\$ #N/A	-	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A
		04/01/00	06/30/00	91	#N/A	\$ #N/A	#N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A
		07/01/00	09/30/00	92	#N/A	\$ #N/A	#N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A
		10/01/00	12/31/00	92	#N/A	\$ #N/A	#N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A
		01/01/01	03/31/01	90	#N/A	\$ #N/A	#N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A
		04/01/01	06/30/01	91	#N/A	\$ #N/A	#N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A
		07/01/01	09/30/01	92	#N/A	\$ #N/A	#N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A
		10/01/01	12/31/01	92	#N/A	\$ #N/A	#N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A	\$ #N/A

Payment #	Date Payment Received	Facility Cost		ITCC	One-Time Cost		Total Cost
01		\$ 2,410,000.00	\$ -	\$ -	\$ -	\$ -	\$ 2,410,000.00
02	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
03	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
05	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
06	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
08	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
09	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ 2,410,000.00	\$ -	\$ -	\$ -	\$ -	\$ 2,410,000.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grand Total		\$ 2,410,000.00	\$ -	\$ -	\$ -	\$ -	\$ 2,410,000.00

	Estimate	Actual	Comments/Notes
In-Service Date:	05/01/15	05/01/15	
COD:	06/27/16	06/27/16	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
	01/01/02	03/31/02	90	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	04/01/02	06/30/02	91	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	07/01/02	09/30/02	92	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	10/01/02	12/31/02	92	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	01/01/03	03/31/03	90	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	04/01/03	06/30/03	91	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	07/01/03	09/30/03	92	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	10/01/03	12/31/03	92	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	01/01/04	03/31/04	91	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	04/01/04	06/30/04	91	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	07/01/04	09/30/04	92	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	10/01/04	12/31/04	92	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	01/01/05	03/31/05	90	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	04/01/05	06/30/05	91	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	07/01/05	09/30/05	92	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	10/01/05	12/31/05	92	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	01/01/06	03/31/06	90	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	04/01/06	06/30/06	91	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	07/01/06	09/30/06	92	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
	10/01/06	12/31/06	92	#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	#N/A
				#N/A	#N/A	\$ -	-	\$ -	#N/A	#N/A	\$ -	#N/A	#N/A	

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
20	N/A	\$ -	\$ -	\$ -	\$ -
	Total	\$ 63,327,000.00	\$ -	\$ -	\$ 63,327,000.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 63,327,000.00	\$ -	\$ -	\$ 63,327,000.00

	Estimate	Actual	Comments/Notes	
	In-Service Date:	10/24/15	10/24/15	
COD:	08/20/16	08/23/16		

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest					Facility Cost 01					Total Due (1) + (2) + (3)	Running Balance (3) - (E)
								Accrued Interest		Quarterly Interest		Total Interest		Refund (A)	Refund (B)	Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	
								Refund	Refund	Refund	Refund	Refund	Refund	Refund	Refund	Refund	Refund		
N/A	Q4/2015	10/24/15	12/31/15	69	3.250%	\$ 63,327,000.00	\$ 389,070.68	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 63,716,070.68	\$ 63,716,070.68
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 63,716,070.68	\$ 514,864.15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,230,934.83	\$ 64,230,934.83
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 64,230,934.83	\$ 552,561.53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,783,496.36	\$ 64,783,496.36
01	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 64,783,496.36	\$ 569,953.16	\$ 101,322.48	\$ -	\$ 101,322.48	\$ 647,541.61	\$ 3,166,350.00	\$ 3,267,672.48	\$ 65,353,449.53	\$ 62,085,777.05	\$ 62,631,996.18	\$ 58,818,104.57		
02	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 62,085,777.05	\$ -	\$ 101,322.48	\$ 546,219.13	\$ 615,141.14	\$ 3,166,350.00	\$ 3,781,491.14	\$ 56,064,250.77	\$ 52,282,759.62	\$ 52,804,613.18	\$ 49,015,087.15			
03	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 58,818,104.57	\$ -	\$ 101,322.48	\$ 507,608.30	\$ 608,930.78	\$ 3,166,350.00	\$ 3,775,280.78	\$ 59,325,712.87	\$ 55,550,432.10	\$ 55,932,110.54	\$ 52,477,416.67			
04	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 55,550,432.10	\$ -	\$ 101,322.48	\$ 513,818.67	\$ 623,176.04	\$ 3,166,350.00	\$ 3,789,526.04	\$ 52,804,613.18	\$ 49,015,087.15	\$ 49,535,211.08	\$ 45,747,416.67			
05	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 52,282,759.62	\$ -	\$ 101,322.48	\$ 521,853.56	\$ 621,446.41	\$ 3,166,350.00	\$ 3,787,796.41	\$ 49,535,211.08	\$ 46,226,822.51	\$ 42,479,742.19	\$ 39,212,069.72			
06	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 49,015,087.15	\$ -	\$ 101,322.48	\$ 520,123.93	\$ 630,730.32	\$ 3,166,350.00	\$ 3,747,080.32	\$ 42,953,152.73	\$ 39,212,069.72	\$ 39,212,069.72	\$ 35,944,397.24			
07	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 45,747,416.67	\$ -	\$ 101,322.48	\$ 479,407.84	\$ 580,730.32	\$ 3,166,350.00	\$ 3,747,080.32	\$ 42,953,152.73	\$ 39,212,069.72	\$ 39,212,069.72	\$ 36,393,771.14			
08	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 42,479,742.19	\$ -	\$ 101,322.48	\$ 473,410.54	\$ 574,733.02	\$ 3,166,350.00	\$ 3,741,083.02	\$ 42,953,152.73	\$ 39,212,069.72	\$ 39,212,069.72	\$ 32,676,724.76			
09	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 39,212,069.72	\$ -	\$ 101,322.48	\$ 463,540.38	\$ 564,862.86	\$ 3,166,350.00	\$ 3,731,212.86	\$ 39,675,610.10	\$ 35,944,397.24	\$ 35,944,397.24	\$ 33,094,091.59			
10	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 35,944,397.24	\$ -	\$ 101,322.48	\$ 449,373.90	\$ 550,696.38	\$ 3,166,350.00	\$ 3,717,046.38	\$ 32,676,724.76	\$ 32,676,724.76	\$ 32,676,724.76	\$ 30,409,052.29			
11	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 32,676,724.76	\$ -	\$ 101,322.48	\$ 417,366.82	\$ 518,689.30	\$ 3,166,350.00	\$ 3,685,039.30	\$ 29,409,052.29	\$ 29,409,052.29	\$ 29,409,052.29	\$ 26,141,379.81			
12	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 29,409,052.29	\$ -	\$ 101,322.48	\$ 399,600.53	\$ 500,923.01	\$ 3,166,350.00	\$ 3,667,273.01	\$ 29,808,652.82	\$ 26,141,379.81	\$ 26,141,379.81	\$ 26,537,603.98			
13	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 26,141,379.81	\$ -	\$ 101,322.48	\$ 396,224.17	\$ 497,546.65	\$ 3,166,350.00	\$ 3,663,896.65	\$ 26,537,603.98	\$ 22,873,707.33	\$ 22,873,707.33	\$ 22,873,707.33			
14	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 22,873,707.33	\$ -	\$ 101,322.48	\$ 360,372.20	\$ 461,694.68	\$ 3,166,350.00	\$ 3,628,044.68	\$ 23,234,079.54	\$ 19,606,034.86	\$ 19,606,034.86	\$ 19,912,369.91			
15	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 19,606,034.86	\$ -	\$ 101,322.48	\$ 306,335.05	\$ 407,657.53	\$ 3,166,350.00	\$ 3,574,007.53	\$ 16,338,362.38	\$ 16,338,362.38	\$ 16,602,495.55	\$ 13,070,689.91			
16	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 16,338,362.38	\$ -	\$ 101,322.48	\$ 264,133.17	\$ 365,455.65	\$ 3,166,350.00	\$ 3,531,805.65	\$ 16,602,495.55	\$ 13,070,689.91	\$ 13,284,290.37	\$ 9,803,017.43			
17	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 13,070,689.91	\$ -	\$ 101,322.48	\$ 213,600.46	\$ 314,922.94	\$ 3,166,350.00	\$ 3,481,272.94	\$ 9,963,225.09	\$ 6,535,344.95	\$ 6,640,114.47	\$ 3,267,672.48			
18	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 9,803,017.43	\$ -	\$ 101,322.48	\$ 160,207.66	\$ 261,530.14	\$ 3,166,350.00	\$ 3,427,880.14	\$ 9,963,225.09	\$ 6,535,344.95	\$ 6,640,114.47	\$ 3,267,672.48			
19	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 6,535,344.95	\$ -	\$ 101,322.48	\$ 104,769.52	\$ 206,091.99	\$ 3,166,350.00	\$ 3,372,441.99	\$ 6,640,114.47	\$ 3,267,672.48	\$ 3,267,672.48	\$ 3,267,672.48			
20	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 3,267,672.48	\$ -	\$ 101,322.48	\$ 52,966.81	\$ 154,289.29	\$ 3,166,350.00	\$ 3,320,639.29	\$ 3,320,639.29	\$ 3,320,639.29	\$ 3,320,639.29	\$ -	\$ 886,092,654.56	\$ 813,588,272.38	

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
	Total	\$ 6,181,000.00	\$ -	\$ -	\$ 6,181,000.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
Grand Total		\$ 6,181,000.00	\$ -	\$ -	\$ 6,181,000.00

In-Service Date:	Estimate	Actual	Comments/Notes
COD:	09/30/13	09/30/13	
	12/31/16	12/31/16	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Facility Cost 01				Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)	
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
N/A	Q3/2013	09/30/13	09/30/13	1	3.250%	\$ 6,181,000.00	\$ 550.36	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,181,550.36	\$ 6,181,550.36
N/A	Q4/2013	10/01/13	12/31/13	92	3.250%	\$ 6,181,550.36	\$ 50,637.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,232,188.27	\$ 6,232,188.27
N/A	Q1/2014	01/01/14	03/31/14	90	3.250%	\$ 6,232,188.27	\$ 49,942.88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,282,131.15	\$ 6,282,131.15
N/A	Q2/2014	04/01/14	06/30/14	91	3.250%	\$ 6,282,131.15	\$ 50,902.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,333,033.62	\$ 6,333,033.62
N/A	Q3/2014	07/01/14	09/30/14	92	3.250%	\$ 6,333,033.62	\$ 51,878.82	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,384,912.44	\$ 6,384,912.44
N/A	Q4/2014	10/01/14	12/31/14	92	3.250%	\$ 6,384,912.44	\$ 52,303.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,437,216.25	\$ 6,437,216.25
N/A	Q1/2015	01/01/15	03/31/15	90	3.250%	\$ 6,437,216.25	\$ 51,585.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,488,802.16	\$ 6,488,802.16
N/A	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 6,488,802.16	\$ 52,577.08	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,541,379.23	\$ 6,541,379.23
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 6,541,379.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,541,379.23	\$ 6,541,379.23
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 6,541,379.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,541,379.23	\$ 6,541,379.23
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 6,541,379.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,541,379.23	\$ 6,541,379.23
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 6,541,379.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,541,379.23	\$ 6,541,379.23
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 6,541,379.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,541,379.23	\$ 6,541,379.23
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 6,541,379.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,541,379.23	\$ 6,541,379.23
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 6,541,379.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,541,379.23	\$ 6,541,379.23
N/A	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 6,541,379.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,541,379.23	\$ 6,541,379.23
01-10	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 6,541,379.23	\$ -	\$ 180,189.62	\$ 65,291.93	\$ 245,481.54	\$ 3,090,500.00	\$ 3,335,981.54	\$ 6,606,671.16	\$ 3,270,689.62
11	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 3,270,689.62	\$ -	\$ 18,018.96	\$ 34,706.95	\$ 52,725.91	\$ 309,050.00	\$ 361,775.91	\$ 3,305,396.56	\$ 2,943,620.66
12	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 2,943,620.66	\$ -	\$ 18,018.96	\$ 30,847.53	\$ 48,866.49	\$ 309,050.00	\$ 357,916.49	\$ 2,974,468.19	\$ 2,616,551.69
13	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 2,616,551.69	\$ -	\$ 18,018.96	\$ 29,159.86	\$ 47,178.82	\$ 309,050.00	\$ 356,228.82	\$ 2,645,711.55	\$ 2,289,482.73
14	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 2,289,482.73	\$ -	\$ 18,018.96	\$ 27,064.82	\$ 45,083.78	\$ 309,050.00	\$ 354,133.78	\$ 2,316,547.55	\$ 1,962,413.77
15	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,962,413.77	\$ -	\$ 18,018.96	\$ 24,533.94	\$ 42,552.90	\$ 309,050.00	\$ 351,602.99	\$ 1,986,947.71	\$ 1,635,344.81
16	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,635,344.81	\$ -	\$ 18,018.96	\$ 20,887.61	\$ 38,906.57	\$ 309,050.00	\$ 347,956.57	\$ 1,656,232.42	\$ 1,308,275.85
17	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,308,275.85	\$ -	\$ 18,018.96	\$ 17,776.42	\$ 35,795.38	\$ 309,050.00	\$ 344,845.38	\$ 1,326,052.27	\$ 981,206.89
18	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 981,206.89	\$ -	\$ 18,018.96	\$ 14,872.13	\$ 32,891.09	\$ 309,050.00	\$ 341,941.09	\$ 996,079.01	\$ 654,137.92
19	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 654,137.92	\$ -	\$ 18,018.96	\$ 10,305.86	\$ 28,324.82	\$ 309,050.00	\$ 337,374.82	\$ 664,443.78	\$ 327,068.96
20	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 327,066.96	\$ -	\$ 18,018.96	\$ 5,110.30	\$ 23,129.26	\$ 309,050.00	\$ 332,179.26	\$ 332,179.26	(0.00)

\$ 127,382,040.25 \$ 360,379.23 \$ 360,379.23 \$ 280,557.33 \$ 640,936.56 \$ 6,181,000.00 \$ 6,821,936.56 \$ 128,022,976.81 \$ 121,201,040.25

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost		Total Cost
01	2/28/2015	\$ 10,601.00	\$ -	\$ -	\$ 10,601.00	
02	2/23/2015	\$ 131,296.00	\$ -	\$ -	\$ 131,296.00	
03	3/26/2015	\$ 60,168.00	\$ -	\$ -	\$ 60,168.00	
04	6/5/2015	\$ 71,049.00	\$ -	\$ -	\$ 71,049.00	
05	6/12/2015	\$ 81,291.00	\$ -	\$ -	\$ 81,291.00	
06	8/14/2015	\$ 92,852.00	\$ -	\$ -	\$ 92,852.00	
07	7/17/2015	\$ 111,655.00	\$ -	\$ -	\$ 111,655.00	
08	8/31/2015	\$ 144,862.00	\$ -	\$ -	\$ 144,862.00	
09	11/13/2015	\$ 290,405.00	\$ -	\$ -	\$ 290,405.00	
10	10/16/2015	\$ 431,779.00	\$ -	\$ -	\$ 431,779.00	
11	12/14/2015	\$ 291,317.18	\$ -	\$ -	\$ 291,317.18	
12	N/A	\$ -	\$ -	\$ -	\$ -	
13	N/A	\$ -	\$ -	\$ -	\$ -	
14	N/A	\$ -	\$ -	\$ -	\$ -	
15	N/A	\$ -	\$ -	\$ -	\$ -	
16	N/A	\$ -	\$ -	\$ -	\$ -	
17	N/A	\$ -	\$ -	\$ -	\$ -	
18	N/A	\$ -	\$ -	\$ -	\$ -	
19	N/A	\$ -	\$ -	\$ -	\$ -	
20	N/A	\$ -	\$ -	\$ -	\$ -	
Total		\$ 1,717,275.18	\$ -	\$ -	\$ 1,717,275.18	
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	
Grand Total		\$ 1,717,275.18	\$ -	\$ -	\$ 1,717,275.18	

In-Service Date: COD:	Estimate	Actual	Comments/Notes
	10/08/16	10/08/16	
	12/01/16	12/22/16	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Facility Cost 01					Total Due (1) + (2) + (8) = (3)	Running Balance (3) - (E)	
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)			
01	Q4/2016	10/08/16	12/31/16	85	3.500%	\$ 1,717,275.18	\$ 13,958.73	\$ -	\$ 14,940.79	\$ 14,940.79	\$ -	\$ -	\$ -	\$ 1,731,233.91	\$ 1,731,233.91
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,731,233.91	\$ -	\$ -	\$ 16,151.40	\$ 33,185.99	\$ 257,591.28	\$ 290,777.27	\$ -	\$ 1,746,174.69	\$ 1,746,174.69
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,746,174.69	\$ -	\$ 2,093.81	\$ 16,151.40	\$ 33,185.99	\$ 257,591.28	\$ 290,777.27	\$ -	\$ 1,762,326.09	\$ 1,471,548.82
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,471,548.82	\$ -	\$ 697.94	\$ 14,688.07	\$ 15,386.01	\$ 85,863.76	\$ 101,249.77	\$ -	\$ 1,486,236.89	\$ 1,384,987.12
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,384,987.12	\$ -	\$ 697.94	\$ 14,696.80	\$ 15,394.74	\$ 85,863.76	\$ 101,258.50	\$ -	\$ 1,399,683.93	\$ 1,298,425.43
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,298,425.43	\$ -	\$ 697.94	\$ 13,606.79	\$ 14,304.72	\$ 85,863.76	\$ 100,168.48	\$ -	\$ 1,312,032.22	\$ 1,211,863.73
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,211,863.73	\$ -	\$ 697.94	\$ 13,505.47	\$ 14,203.41	\$ 85,863.76	\$ 100,067.17	\$ -	\$ 1,225,369.21	\$ 1,125,302.04
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,125,302.04	\$ -	\$ 697.94	\$ 13,302.61	\$ 14,000.55	\$ 85,863.76	\$ 99,864.31	\$ -	\$ 1,138,604.65	\$ 1,038,740.34
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,038,740.34	\$ -	\$ 697.94	\$ 12,986.25	\$ 13,684.18	\$ 85,863.76	\$ 99,547.94	\$ -	\$ 1,051,726.59	\$ 952,178.65
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 952,178.65	\$ -	\$ 697.94	\$ 12,161.80	\$ 12,859.74	\$ 85,863.76	\$ 98,723.49	\$ -	\$ 964,340.45	\$ 865,616.95
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 865,616.95	\$ -	\$ 697.94	\$ 11,761.72	\$ 12,459.65	\$ 85,863.76	\$ 98,323.41	\$ -	\$ 877,378.67	\$ 779,055.26
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 779,055.26	\$ -	\$ 697.94	\$ 11,808.12	\$ 12,506.06	\$ 85,863.76	\$ 98,369.81	\$ -	\$ 790,863.38	\$ 692,493.56
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 692,493.56	\$ -	\$ 697.94	\$ 10,910.14	\$ 11,608.08	\$ 85,863.76	\$ 97,471.84	\$ -	\$ 703,403.71	\$ 605,931.87
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 605,931.87	\$ -	\$ 697.94	\$ 9,467.40	\$ 10,165.34	\$ 85,863.76	\$ 96,029.09	\$ -	\$ 615,399.27	\$ 519,370.17
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 519,370.17	\$ -	\$ 697.94	\$ 8,396.37	\$ 9,094.30	\$ 85,863.76	\$ 94,958.06	\$ -	\$ 527,766.54	\$ 432,808.48
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 432,808.48	\$ -	\$ 697.94	\$ 7,072.93	\$ 7,770.87	\$ 85,863.76	\$ 93,634.63	\$ -	\$ 439,881.41	\$ 346,246.78
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 346,246.78	\$ -	\$ 697.94	\$ 5,658.60	\$ 6,356.54	\$ 85,863.76	\$ 92,220.30	\$ -	\$ 351,905.38	\$ 259,685.09
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 259,685.09	\$ -	\$ 697.94	\$ 4,163.07	\$ 4,861.00	\$ 85,863.76	\$ 90,724.76	\$ -	\$ 263,848.15	\$ 173,123.39
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 173,123.39	\$ -	\$ 697.94	\$ 2,806.22	\$ 3,504.15	\$ 85,863.76	\$ 89,367.91	\$ -	\$ 175,929.61	\$ 86,561.70
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 86,561.70	\$ -	\$ 697.94	\$ 1,418.53	\$ 2,116.46	\$ 85,863.76	\$ 87,980.22	\$ -	\$ 87,980.22	\$ -
						\$ 18,438,623.16	\$ 13,958.73	\$ 13,958.73	\$ 199,503.07	\$ 228,402.58	\$ 1,717,275.18	\$ 1,930,736.97	\$ 18,652,084.95	\$ 16,721,347.98	

Payment #	Date Received	Facility Cost		ITCC	One-Time Cost		Total Cost
		10/01/14	\$ 1,135,000.00		-	\$ -	\$ 1,135,000.00
	Total	\$ 1,135,000.00	\$ -	\$ -	\$ -	\$ 1,135,000.00	
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
	Grand Total	\$ 1,135,000.00	\$ -	\$ -	\$ -	\$ 1,135,000.00	

In-Service Date: COD:	Estimate	Actual	Comments/Notes
11/07/14 11/25/14	11/07/14 11/13/14	Already existed. Do not change the accrued interest.	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest		Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (1) - (2) - (A) - (D)
								Refund	Refund							
	Facility Cost	11/07/14	12/31/14	55	3.250%	\$ 1,135,000.00	\$ 5,558.39	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,140,558.39	\$ 1,140,558.39
01-03	Q2/2015	04/01/15	03/31/15	90	3.250%	\$ 1,140,558.39	\$ -	\$ -	\$ 9,140.09	\$ 9,140.09	\$ -	\$ -	\$ -	\$ -	\$ 1,149,698.48	\$ 1,140,558.39
04	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 969,474.63	\$ -	\$ -	\$ 277.92	\$ 7,941.72	\$ 8,219.64	\$ 56,750.00	\$ 64,969.64	\$ 977,416.36	\$ 912,446.71	
05	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 912,446.71	\$ -	\$ -	\$ 277.92	\$ 7,474.56	\$ 7,752.48	\$ 56,750.00	\$ 64,502.48	\$ 919,921.28	\$ 855,418.79	
06	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 855,418.79	\$ -	\$ -	\$ 277.92	\$ 6,912.30	\$ 7,190.22	\$ 56,750.00	\$ 63,940.22	\$ 862,331.09	\$ 798,390.87	
07	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 798,390.87	\$ -	\$ -	\$ 277.92	\$ 6,868.34	\$ 7,146.26	\$ 56,750.00	\$ 63,896.26	\$ 805,259.22	\$ 741,362.95	
08	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 741,362.95	\$ -	\$ -	\$ 277.92	\$ 6,522.37	\$ 6,800.29	\$ 56,750.00	\$ 63,550.29	\$ 747,885.33	\$ 684,335.03	
09	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 684,335.03	\$ -	\$ -	\$ 277.92	\$ 6,020.65	\$ 6,298.57	\$ 56,750.00	\$ 63,048.57	\$ 690,355.69	\$ 627,307.11	
10	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 627,307.11	\$ -	\$ -	\$ 277.92	\$ 5,413.75	\$ 5,691.67	\$ 56,750.00	\$ 62,441.67	\$ 632,720.86	\$ 570,279.02	
11	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 570,279.20	\$ -	\$ -	\$ 277.92	\$ 5,274.85	\$ 5,552.77	\$ 56,750.00	\$ 62,302.77	\$ 575,554.04	\$ 513,251.28	
12	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 513,251.28	\$ -	\$ -	\$ 277.92	\$ 5,122.95	\$ 5,400.87	\$ 56,750.00	\$ 62,150.87	\$ 518,374.23	\$ 456,223.36	
13	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 456,223.36	\$ -	\$ -	\$ 277.92	\$ 4,841.22	\$ 5,119.14	\$ 56,750.00	\$ 61,869.14	\$ 461,064.57	\$ 399,195.44	
14	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 399,195.44	\$ -	\$ -	\$ 277.92	\$ 4,183.35	\$ 4,461.27	\$ 56,750.00	\$ 61,211.27	\$ 403,378.79	\$ 342,167.52	
15	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 342,167.52	\$ -	\$ -	\$ 277.92	\$ 3,813.25	\$ 4,091.17	\$ 56,750.00	\$ 60,841.17	\$ 345,980.76	\$ 285,139.60	
16	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 285,139.60	\$ -	\$ -	\$ 277.92	\$ 3,370.74	\$ 3,648.66	\$ 56,750.00	\$ 60,398.66	\$ 288,510.34	\$ 228,111.68	
17	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 228,111.68	\$ -	\$ -	\$ 277.92	\$ 2,851.83	\$ 3,129.75	\$ 56,750.00	\$ 59,879.75	\$ 230,963.51	\$ 171,083.76	
18	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 171,083.76	\$ -	\$ -	\$ 277.92	\$ 2,185.18	\$ 2,463.10	\$ 56,750.00	\$ 59,213.10	\$ 173,268.94	\$ 114,055.84	
19	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 114,055.84	\$ -	\$ -	\$ 277.92	\$ 1,549.75	\$ 1,827.67	\$ 56,750.00	\$ 58,577.67	\$ 115,605.59	\$ 57,027.92	
20	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 57,027.92	\$ -	\$ -	\$ 277.92	\$ 864.37	\$ 1,142.29	\$ 56,750.00	\$ 57,892.29	\$ 57,892.29	\$ (0.00)	
						\$ 12,141,388.47	\$ 5,558.39		\$ 5,558.39	\$ 99,592.93	\$ 105,151.32	\$ 1,135,000.00	\$ 1,231,011.23	\$ 12,246,539.79	\$ 11,006,388.47	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest		Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								Refund	Refund							
		10/01/14	12/31/14	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/15		03/31/15	90	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/15		06/30/15	91	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/15		09/30/15	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/15		12/31/15	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/16		03/31/16	91	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/16		06/30/16	91	3.460%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/16		09/30/16	92	3.500%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/16		12/31/16	92	3.500%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/17		03/31/17	90	3.500%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/17		06/30/17	91	3.710%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/17		09/30/17	92	3.960%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/17		12/31/17	92	4.210%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/18		03/31/18	90	4.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/18		06/30/18	91	4.470%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/18		09/30/18	92	4.690%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/18		12/31/18	92	4.960%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/19		03/31/19	90	5.180%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/19		06/30/19	91	5.450%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/19		09/30/19	92	6.013%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/19		12/31/19	92	6.251%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/20		03/31/20	91	6.284%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/20		06/30/20	91	6.502%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/20		09/30/20	92	6.501%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/20		12/31/20	92	6.502%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/21		03/31/21	90	6.502%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/21		06/30/21	91	6.502%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/21		09/30/21	92	6.502%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost		Total Cost
				\$ -	\$ -	\$ 581,000.00
01	11/15/14	\$ 581,000.00	\$ -	\$ -	\$ -	\$ 581,000.00
	Total	\$ 581,000.00	\$ -	\$ -	\$ -	\$ 581,000.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 581,000.00	\$ -	\$ -	\$ -	\$ 581,000.00

In-Service Date:	Estimate	Actual	Comment
	11/09/14	11/09/14	
COD:	11/14/14	11/15/14	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest		Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								Refund	Refund							
01	Q4/2014	11/9/2014	12/31/2014	53	3.250%	\$ 581,000.00	\$ 2,741.84	\$ 137.09	\$ -	\$ 137.09	\$ 29,050.00	\$ 29,187.09	\$ 583,741.84	\$ 554,554.75		
02	Q1/2015	1/1/2015	3/31/2015	90	3.250%	\$ 554,554.75	\$ -	\$ 137.09	\$ 4,444.03	\$ 4,581.13	\$ 29,050.00	\$ 33,631.13	\$ 558,998.78	\$ 525,367.66		
03	Q2/2015	4/1/2015	6/30/2015	91	3.250%	\$ 525,367.66	\$ -	\$ 137.09	\$ 4,256.92	\$ 4,394.01	\$ 29,050.00	\$ 33,444.01	\$ 529,624.58	\$ 496,180.57		
04	Q3/2015	7/1/2015	9/30/2015	92	3.250%	\$ 496,180.57	\$ -	\$ 137.09	\$ 4,064.60	\$ 4,201.69	\$ 29,050.00	\$ 33,251.69	\$ 500,245.17	\$ 466,993.47		
05	Q4/2015	10/1/2015	12/31/2015	92	3.250%	\$ 466,993.47	\$ -	\$ 137.09	\$ 3,825.51	\$ 3,962.60	\$ 29,050.00	\$ 33,012.60	\$ 470,818.98	\$ 437,806.38		
06	Q1/2016	1/1/2016	3/31/2016	91	3.250%	\$ 437,806.38	\$ -	\$ 137.09	\$ 3,537.74	\$ 3,674.83	\$ 29,050.00	\$ 32,724.83	\$ 441,344.12	\$ 408,619.29		
07	Q2/2016	4/1/2016	6/30/2016	91	3.460%	\$ 408,619.29	\$ -	\$ 137.09	\$ 3,515.24	\$ 3,652.33	\$ 29,050.00	\$ 32,702.33	\$ 412,134.53	\$ 379,432.20		
08	Q3/2016	7/1/2016	9/30/2016	92	3.500%	\$ 379,432.20	\$ -	\$ 137.09	\$ 3,338.17	\$ 3,475.27	\$ 29,050.00	\$ 32,525.27	\$ 382,770.37	\$ 350,245.11		
09	Q4/2016	10/1/2016	12/31/2016	92	3.500%	\$ 350,245.11	\$ -	\$ 137.09	\$ 3,081.39	\$ 3,218.48	\$ 29,050.00	\$ 32,268.48	\$ 353,326.50	\$ 321,058.01		
10	Q1/2017	1/1/2017	3/31/2017	90	3.500%	\$ 321,058.01	\$ -	\$ 137.09	\$ 2,770.77	\$ 2,907.87	\$ 29,050.00	\$ 31,957.87	\$ 323,828.79	\$ 291,870.92		
11	Q2/2017	4/1/2017	6/30/2017	91	3.710%	\$ 291,870.92	\$ -	\$ 137.09	\$ 2,699.69	\$ 2,836.78	\$ 29,050.00	\$ 31,886.78	\$ 294,570.61	\$ 262,683.83		
12	Q3/2017	7/1/2017	9/30/2017	92	3.960%	\$ 262,683.83	\$ -	\$ 137.09	\$ 2,621.94	\$ 2,759.04	\$ 29,050.00	\$ 31,809.04	\$ 265,305.77	\$ 233,496.74		
13	Q4/2017	10/1/2017	12/31/2017	92	4.210%	\$ 233,496.74	\$ -	\$ 137.09	\$ 2,477.75	\$ 2,614.84	\$ 29,050.00	\$ 31,664.84	\$ 235,974.49	\$ 204,309.64		
14	Q1/2018	1/1/2018	3/31/2018	90	4.250%	\$ 204,309.64	\$ -	\$ 137.09	\$ 2,141.05	\$ 2,278.15	\$ 29,050.00	\$ 31,328.15	\$ 206,450.70	\$ 175,122.55		
15	Q2/2018	4/1/2018	6/30/2018	91	4.470%	\$ 175,122.55	\$ -	\$ 137.09	\$ 1,951.63	\$ 2,088.73	\$ 29,050.00	\$ 31,138.73	\$ 177,074.19	\$ 145,935.46		
16	Q3/2018	7/1/2018	9/30/2018	92	4.690%	\$ 145,935.46	\$ -	\$ 137.09	\$ 1,725.16	\$ 1,862.25	\$ 29,050.00	\$ 30,912.25	\$ 147,660.62	\$ 116,748.37		
17	Q4/2018	10/1/2018	12/31/2018	92	4.960%	\$ 116,748.37	\$ -	\$ 137.09	\$ 1,459.58	\$ 1,596.67	\$ 29,050.00	\$ 30,646.67	\$ 118,207.95	\$ 87,561.28		
18	Q1/2019	1/1/2019	3/31/2019	90	5.180%	\$ 87,561.28	\$ -	\$ 137.09	\$ 1,118.39	\$ 1,255.48	\$ 29,050.00	\$ 30,305.48	\$ 88,679.66	\$ 58,374.18		
19	Q2/2019	4/1/2019	6/30/2019	91	5.450%	\$ 58,374.18	\$ -	\$ 137.09	\$ 793.17	\$ 930.26	\$ 29,050.00	\$ 29,980.26	\$ 59,167.35	\$ 29,187.09		
20	Q3/2019	7/1/2019	9/30/2019	92	6.013%	\$ 29,187.09	\$ -	\$ 137.09	\$ 442.39	\$ 579.48	\$ 29,050.00	\$ 29,629.48	\$ 29,629.48	\$ 0.00		

\$ 6,126,547.50 \$ 2,741.84 \$ 2,741.84 \$ 50,265.13 \$ 53,006.97 \$ 581,000.00 \$ 634,006.97 \$ 6,179,554.48 \$ 5,545,547.50

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest		Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								Refund	Refund							
	11/15/14	12/31/14	47	3.250%	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/15	03/31/15	90	3.250%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/15	06/30/15	91	3.250%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/15	09/30/15	92	3.250%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/15	12/31/15	92	3.250%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/16	03/31/16	91	3.250%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/16	06/30/16	91	3.460%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/16	09/30/16	92	3.500%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/16	12/31/16	92	3.500%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/17	03/31/17	90	3.500%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/17	06/30/17	91	3.710%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/17	09/30/17	92	3.960%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/17	12/31/17	92	4.210%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/18	03/31/18	90	4.250%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/18	06/30/18	91	4.470%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/18	09/30/18	92	4.690%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/18	12/31/18	92	4.960%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/19	03/31/19	90	5.180%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/19	06/30/19	91	5.450%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/19	09/30/19	92	6.013%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/19	12/31/19	92	6.251%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/20	03/31/20	91	6.284%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/20	06/30/20	91	6.502%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/20	09/30/20	92	6.501%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/20	12/31/20	92	6.502%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/21	03/31/21	90	6.502%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/21	06/30/21	91	6.502%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/21	09/30/21	92	6.502%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Payment #	Date Payment Received	Facility Cost		ITCC	One-Time Cost		Total Cost
		\$	38,561.00		\$	821.00	
01	07/11/14	\$	78,491.00	\$	-	\$ 1,709.56	\$ 80,200.56
02	07/11/14	\$	137,548.00	\$	-	\$ 3,018.23	\$ 140,566.23
03	08/22/14	\$	190,908.00	\$	-	\$ 4,130.71	\$ 195,038.71
04	12/05/14	\$	191,013.00	\$	-	\$ 3,923.48	\$ 194,936.48
05	02/23/15	\$	145,282.00	\$	-	\$ 2,637.70	\$ 147,919.70
06	05/19/15	\$	97,056.00	\$	-	\$ 1,397.73	\$ 98,453.73
07	08/26/15	\$	64,128.00	\$	-	\$ 657.59	\$ 64,785.59
08	11/25/15	\$	29,664.00	\$	-	\$ -	\$ 29,664.00
09	02/23/16	\$	20,944.00	\$	-	\$ -	\$ 20,944.00
10	10/21/16	\$	13,570.00	\$	-	\$ -	\$ 13,570.00
11	12/20/16	\$	8,438.00	\$	-	\$ -	\$ 8,438.00
12	05/01/17	\$	5,037.00	\$	-	\$ -	\$ 5,037.00
13	11/27/17	\$	1,156.00	\$	-	\$ -	\$ 1,156.00
14	N/A	\$	-	\$	-	\$ -	-
15	N/A	\$	-	\$	-	\$ -	-
20	N/A	\$	-	\$	-	\$ -	-
Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00		
True Up 1	N/A	\$	-	\$	-	\$ -	-
True Up 2	N/A	\$	-	\$	-	\$ -	-
Grand Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00		

Payment #	Date Payment Received	Facility Cost		ITCC	One-Time Cost		One-Time Cost (NU)	Total Cost
		\$	38,561.00		\$	2,904.00	\$	41,465.00
01	07/11/14	\$	78,491.00	\$	-	\$ 1,709.56	\$ 84,538.00	
02	07/11/14	\$	137,548.00	\$	-	\$ 10,676.00	\$ 148,224.00	
03	08/22/14	\$	190,908.00	\$	-	\$ 14,611.00	\$ 205,519.00	
04	12/05/14	\$	191,013.00	\$	-	\$ 13,878.00	\$ 204,891.00	
05	02/23/15	\$	145,282.00	\$	-	\$ 9,330.00	\$ 154,612.00	
06	05/19/15	\$	97,056.00	\$	-	\$ 4,944.00	\$ 102,000.00	
07	08/26/15	\$	64,128.00	\$	-	\$ 2,326.00	\$ 66,454.00	
08	11/25/15	\$	29,664.00	\$	-	\$ -	\$ 29,664.00	
09	03/01/16	\$	20,944.00	\$	-	\$ -	\$ 20,944.00	
10	N/A	\$	13,570.00	\$	-	\$ -	\$ 13,570.00	
11	N/A	\$	8,438.00	\$	-	\$ -	\$ 8,438.00	
12	N/A	\$	5,037.00	\$	-	\$ -	\$ 5,037.00	
13	N/A	\$	1,156.00	\$	-	\$ -	\$ 1,156.00	
14	N/A	\$	-	\$	-	\$ -	\$ 1,156.00	
Total		\$ 1,021,796.00	\$ -	\$ 64,716.00	\$ 18,296.00	\$ 1,086,512.00		

In-Service Date:	Estimate	Actual	Comments/Notes
	04/13/16	04/13/16	
COD:	04/13/16	04/30/16	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Facility Costs	04/13/16	06/30/16	79	3.460%	\$ 972,651.00	\$ 7,264.06	\$ -	\$ -	\$ -	\$ 97,265.10	\$ 107,474.73	\$ -	\$ 979,915.06	\$ 979,915.06
01-02	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 979,915.06	\$ 8,621.11	\$ 1,588.52	\$ 8,621.11	\$ 10,209.63	\$ 97,265.10	\$ 107,474.73	\$ 997,157.28	\$ 889,682.55
03	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 924,196.55	\$ -	\$ 794.26	\$ 8,130.91	\$ 8,925.17	\$ 50,549.99	\$ 59,475.16	\$ 932,327.46	\$ 872,852.30
04	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 881,290.30	\$ -	\$ 794.26	\$ 7,605.66	\$ 8,399.91	\$ 51,046.35	\$ 59,446.26	\$ 888,895.95	\$ 829,449.69
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 835,642.69	\$ -	\$ 794.26	\$ 7,729.35	\$ 8,523.61	\$ 51,361.16	\$ 59,884.77	\$ 843,372.04	\$ 783,487.27
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 783,487.27	\$ -	\$ 794.26	\$ 7,820.28	\$ 8,614.53	\$ 51,361.16	\$ 59,975.63	\$ 791,307.55	\$ 731,331.85
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 731,331.85	\$ -	\$ 794.26	\$ 7,760.53	\$ 8,554.79	\$ 51,443.73	\$ 59,998.52	\$ 739,092.39	\$ 679,093.86
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 679,093.86	\$ -	\$ 794.26	\$ 7,116.53	\$ 7,910.79	\$ 51,443.73	\$ 59,354.52	\$ 686,210.40	\$ 626,855.88
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 626,855.88	\$ -	\$ 794.26	\$ 6,985.92	\$ 7,780.18	\$ 51,443.73	\$ 59,223.91	\$ 633,841.80	\$ 574,617.89
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 574,617.89	\$ -	\$ 794.26	\$ 6,792.77	\$ 7,587.03	\$ 51,443.73	\$ 59,030.76	\$ 581,410.66	\$ 522,379.90
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 522,379.90	\$ -	\$ 794.26	\$ 6,530.75	\$ 7,325.01	\$ 51,443.73	\$ 58,768.74	\$ 528,910.65	\$ 470,141.91
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 470,141.91	\$ -	\$ 794.26	\$ 6,004.94	\$ 6,799.19	\$ 51,443.73	\$ 58,242.93	\$ 476,146.84	\$ 417,903.92
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 417,903.92	\$ -	\$ 794.26	\$ 5,678.34	\$ 6,472.60	\$ 51,443.73	\$ 57,916.33	\$ 423,582.26	\$ 365,665.93
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 365,665.93	\$ -	\$ 794.26	\$ 5,542.39	\$ 6,336.65	\$ 51,443.73	\$ 57,780.38	\$ 371,208.32	\$ 313,427.94
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 313,427.94	\$ -	\$ 794.26	\$ 4,938.02	\$ 5,732.27	\$ 51,443.73	\$ 57,176.00	\$ 318,365.95	\$ 261,189.95
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 261,189.95	\$ -	\$ 794.26	\$ 4,080.97	\$ 4,875.23	\$ 51,443.73	\$ 56,318.96	\$ 265,270.92	\$ 208,951.96
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 208,951.96	\$ -	\$ 794.26	\$ 3,378.01	\$ 4,172.27	\$ 51,443.73	\$ 55,616.00	\$ 212,329.97	\$ 156,713.97
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 156,713.97	\$ -	\$ 794.26	\$ 2,561.01	\$ 3,355.27	\$ 51,443.73	\$ 54,799.00	\$ 159,274.98	\$ 104,475.98
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 104,475.98	\$ -	\$ 794.26	\$ 1,707.42	\$ 2,501.68	\$ 51,443.73	\$ 53,945.41	\$ 106,183.40	\$ 52,237.99
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 52,237.99	\$ -	\$ 794.26	\$ 837.44	\$ 1,631.70	\$ 51,443.73	\$ 53,075.43	\$ 53,075.43	\$ 0.00
Total					\$ 10,862,171.77	\$ 15,885.17	\$ 15,885.17	\$ 109,822.34	\$ 125,707.50	\$ 1,021,796.00	\$ 1,147,503.50		\$ 10,987,879.28	\$ 9,840,375.77

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs	07/11/14	09/30/14	82	3.250%	\$ 821.00	\$ 5.99	\$ -	\$ -	\$ -	\$ 23.25	\$ 164.20	\$ 187.45	\$ 906.48	\$ 719.03
Payment 01	10/01/14	12/31/14	92	3.250%	\$ 826.99	\$ 6.77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 826.99	\$ 826.99
01/01/15	03/31/15	90	3.250%	\$ 833.77	\$ 6.68	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 833.77	\$ 833.77
04/01/15	06/30/15	91	3.250%	\$ 840.45	\$ 6.81	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 840.45	\$ 840.45
07/01/15	09/30/15	92	3.250%	\$ 847.26	\$ 6.94	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 847.26	\$ 847.26
10/01/15	12/31/15	92	3.250%	\$ 854.20	\$ 7.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 854.20	\$ 854.20
01/01/16	03/31/16	91	3.250%	\$ 861.19	\$ 6.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 861.19	\$ 861.19
04/01/16	06/30/16	91	3.460%	\$ 868.15	\$ 7.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 875.62	\$ 875.62
07/01/16	09/30/16	92	3.500%	\$ 875.62	\$ 7.70	\$ -	\$ -	\$ -	\$ -	\$ -</				

Payment #	Date Payment Received			One-Time Cost		Total Cost
		Facility Cost	ITCC			
01	07/11/14	\$ 38,561.00	\$ -	\$ 821.00	\$ 39,382.00	
02	07/11/14	\$ 78,491.00	\$ -	\$ 1,709.56	\$ 80,200.56	
03	08/22/14	\$ 137,548.00	\$ -	\$ 3,018.23	\$ 140,566.23	
04	12/05/14	\$ 190,908.00	\$ -	\$ 4,130.71	\$ 195,038.71	
05	02/23/15	\$ 191,013.00	\$ -	\$ 3,923.48	\$ 194,936.48	
06	05/19/15	\$ 145,282.00	\$ -	\$ 2,637.70	\$ 147,919.70	
07	08/26/15	\$ 97,056.00	\$ -	\$ 1,397.73	\$ 98,453.73	
08	11/25/15	\$ 64,128.00	\$ -	\$ 657.59	\$ 64,785.59	
09	02/23/16	\$ 29,664.00	\$ -	\$ -	\$ 29,664.00	
10	07/18/16	\$ 20,944.00	\$ -	\$ -	\$ 20,944.00	
11	10/21/16	\$ 13,570.00	\$ -	\$ -	\$ 13,570.00	
12	12/20/16	\$ 8,438.00	\$ -	\$ -	\$ 8,438.00	
13	05/01/17	\$ 5,037.00	\$ -	\$ -	\$ 5,037.00	
14	11/27/17	\$ 1,156.00	\$ -	\$ -	\$ 1,156.00	
15	N/A	\$ -	\$ -	\$ -	\$ -	
16	N/A	\$ -	\$ -	\$ -	\$ -	
20						
Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00	
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	
Grand Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00	

Payment #	Date Payment Received			One-Time Cost		One-Time Cost (NU)	Total Cost
		Facility Cost	ITCC				
01	07/11/14	\$ 38,561.00	\$ -	\$ 2,904.00	\$ 821.00	\$ 41,465.00	
02	07/11/14	\$ 78,491.00	\$ -	\$ 6,047.00	\$ 1,709.56	\$ 84,538.00	
03	08/22/14	\$ 137,548.00	\$ -	\$ 10,676.00	\$ 3,018.23	\$ 148,224.00	
04	12/05/14	\$ 190,908.00	\$ -	\$ 14,611.00	\$ 4,130.71	\$ 205,519.00	
05	02/23/15	\$ 191,013.00	\$ -	\$ 13,878.00	\$ 3,923.48	\$ 204,891.00	
06	05/19/15	\$ 145,282.00	\$ -	\$ 9,330.00	\$ 2,637.70	\$ 154,612.00	
07	08/26/15	\$ 97,056.00	\$ -	\$ 4,944.00	\$ 1,397.73	\$ 102,000.00	
08	11/25/15	\$ 64,128.00	\$ -	\$ 2,326.00	\$ 657.59	\$ 66,454.00	
09	03/01/16	\$ 29,664.00	\$ -	\$ -	\$ -	\$ 29,664.00	
10	N/A	\$ 20,944.00	\$ -	\$ -	\$ -	\$ 20,944.00	
11	N/A	\$ 13,570.00	\$ -	\$ -	\$ -	\$ 13,570.00	
12	N/A	\$ 8,438.00	\$ -	\$ -	\$ -	\$ 8,438.00	
13	N/A	\$ 5,037.00	\$ -	\$ -	\$ -	\$ 5,037.00	
14	N/A	\$ 1,156.00	\$ -	\$ -	\$ -	\$ 1,156.00	
Total		\$ 1,021,796.00	\$ -	\$ 64,716.00	\$ 18,296.00	\$ 1,086,512.00	

In-Service Date:	Estimate	Actual	Comments/Notes
	COD:	04/13/16	04/30/16

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 314.58	\$ -	\$ 3.89	\$ 4.77	\$ 8.66	\$ 41.05	\$ 49.71	\$ 319.34	\$ 269.64
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 269.64	\$ -	\$ 3.89	\$ 4.25	\$ 8.14	\$ 41.05	\$ 49.19	\$ 273.88	\$ 224.70
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 224.70	\$ -	\$ 3.89	\$ 3.51	\$ 7.40	\$ 41.05	\$ 48.45	\$ 228.21	\$ 179.76
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 179.76	\$ -	\$ 3.89	\$ 2.91	\$ 6.80	\$ 41.05	\$ 47.85	\$ 182.66	\$ 134.82
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 134.82	\$ -	\$ 3.89	\$ 2.20	\$ 6.09	\$ 41.05	\$ 47.14	\$ 137.02	\$ 89.88
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 89.88	\$ -	\$ 3.89	\$ 1.47	\$ 5.36	\$ 41.05	\$ 46.41	\$ 91.35	\$ 44.94
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 44.94	\$ -	\$ 3.89	\$ 0.72	\$ 4.61	\$ 41.05	\$ 45.66	\$ 45.66	\$ 0.00
						\$ 15,514.80	\$ 77.79	\$ 77.79	\$ 81.22	\$ 159.01	\$ 821.00	\$ 980.00	\$ 15,673.80	\$ 14,693.80

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs		07/11/14	09/30/14	82	3.250%	\$ 1,709.56	\$ 12.48	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,722.04	\$ 1,722.04
Payment	02	10/01/14	12/31/14	92	3.250%	\$ 1,722.04	\$ 14.11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,736.15	\$ 1,736.15
		01/01/15	03/31/15	90	3.250%	\$ 1,736.15	\$ 13.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,750.06	\$ 1,750.06
		04/01/15	06/30/15	91	3.250%	\$ 1,750.06	\$ 14.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,764.24	\$ 1,764.24
		07/01/15	09/30/15	92	3.250%	\$ 1,764.24	\$ 14.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,778.69	\$ 1,778.69
		10/01/15	12/31/15	92	3.250%	\$ 1,778.69	\$ 14.57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,793.27	\$ 1,793.27
		01/01/16	03/31/16	91	3.250%	\$ 1,793.27	\$ 14.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,807.76	\$ 1,807.76
		04/01/16	06/30/16	91	3.460%	\$ 1,807.76	\$ 15.55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,823.31	\$ 1,823.31
		07/01/16	09/30/16	92	3.500%	\$ 1,823.31	\$ 16.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,839.35	\$ 1,839.35
		10/01/16	12/31/16	92	3.500%	\$ 1,839.35	\$ 16.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,855.53	\$ 1,855.53
01-04	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,855.53	\$ 16.01	\$ 32.40	\$ 16.01	\$ 48.41	\$ 341.91	\$ 390.32	\$ 1,887.56	\$ 1,497.24
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,497.24	\$ -	\$ 8.10	\$ 13.85	\$ 21.95	\$ 85.48	\$ 107.43	\$ 1,511.08	\$ 1,403.66
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,403.66	\$ -	\$ 8.10	\$ 14.01	\$ 22.11	\$ 85.48	\$ 107.59	\$ 1,417.67	\$ 1,310.08
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,310.08	\$ -	\$ 8.10	\$ 13.90	\$ 22.00	\$ 85.48	\$ 107.48	\$ 1,323.98	\$ 1,216.50
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,216.50	\$ -	\$ 8.10	\$ 12.75	\$ 20.85	\$ 85.48	\$ 106.33	\$ 1,229.25	\$ 1,122.93
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,122.93	\$ -	\$ 8.10	\$ 12.51	\$ 20.61	\$ 85.48	\$ 106.09	\$ 1,135.44	\$ 1,029.35
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,029.35	\$ -	\$ 8.10	\$ 12.17	\$ 20.27	\$ 85.48	\$ 105.75	\$ 1,041.52	\$ 935.77
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 935.77	\$ -	\$ 8.10	\$ 11.70	\$ 19.80	\$ 85.48	\$ 105.28	\$ 947.47	\$ 842.20
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 842.20	\$ -	\$ 8.10	\$ 10.76	\$ 18.86	\$ 85.48	\$ 104.33	\$ 852.95	\$ 748.62
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 748.62	\$ -	\$ 8.10	\$ 10.17	\$ 18.27	\$ 85.48	\$ 103.75	\$ 758.79	\$ 655.04
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 655.04	\$ -	\$ 8.10	\$ 9.93	\$ 18.03	\$ 85.48	\$ 103.51	\$ 664.97	\$ 561.46
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 561.46	\$ -	\$ 8.10	\$ 8.85	\$ 16.94	\$ 85.48	\$ 102.42	\$ 570.31	\$ 467.89
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 467.89	\$ -	\$ 8.10	\$ 7.31	\$ 15.41	\$ 85.48	\$ 100.89	\$ 475.20	\$ 374.31
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 374.31	\$ -	\$ 8.10	\$ 6.05	\$ 14.15	\$ 85.48	\$ 99.63	\$ 380.36	\$ 280.73
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 280.73	\$ -	\$ 8.10	\$ 4.59	\$ 12.69	\$ 85.48	\$ 98.16	\$ 285.32	\$ 187.15
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 187.15	\$ -	\$ 8.10	\$ 3.06	\$ 11.16	\$ 85.48	\$ 96.64	\$ 190.21	\$ 93.58

Payment #	Date Payment Received	Facility Cost		ITCC	One-Time Cost		Total Cost
		\$	821.00		\$	39,382.00	
01	07/11/14	\$ 38,561.00	\$ -		\$ 821.00	\$ 39,382.00	
02	07/11/14	\$ 78,491.00	\$ -		\$ 1,709.56	\$ 80,200.56	
03	08/22/14	\$ 137,548.00	\$ -		\$ 3,018.23	\$ 140,566.23	
04	12/05/14	\$ 190,908.00	\$ -		\$ 4,130.71	\$ 195,038.71	
05	02/23/15	\$ 191,013.00	\$ -		\$ 3,923.48	\$ 194,936.48	
06	05/19/15	\$ 145,282.00	\$ -		\$ 2,637.70	\$ 147,919.70	
07	08/26/15	\$ 97,056.00	\$ -		\$ 1,397.73	\$ 98,453.73	
08	11/25/15	\$ 64,128.00	\$ -		\$ 657.59	\$ 64,785.59	
09	02/23/16	\$ 29,664.00	\$ -		\$ -	\$ 29,664.00	
10	07/18/16	\$ 20,944.00	\$ -		\$ -	\$ 20,944.00	
11	10/21/16	\$ 13,570.00	\$ -		\$ -	\$ 13,570.00	
12	12/20/16	\$ 8,438.00	\$ -		\$ -	\$ 8,438.00	
13	05/01/17	\$ 5,037.00	\$ -		\$ -	\$ 5,037.00	
14	11/27/17	\$ 1,156.00	\$ -		\$ -	\$ 1,156.00	
15	N/A	\$ -	\$ -		\$ -	\$ -	
16	N/A	\$ -	\$ -		\$ -	\$ -	
20	Total	\$ 1,021,796.00	\$ -		\$ 18,296.00	\$ 1,040,092.00	
True Up 1	N/A	\$ -	\$ -		\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -		\$ -	\$ -	
Grand Total		\$ 1,021,796.00	\$ -		\$ 18,296.00	\$ 1,040,092.00	

Payment #	Date Payment Received	Facility Cost		ITCC	One-Time Cost		One-Time Cost (NU)	Total Cost
		\$	821.00		\$	39,382.00		
01	07/11/14	\$ 38,561.00	\$ -		\$ 2,904.00	\$ 821.00	\$ 41,465.00	
02	07/11/14	\$ 78,491.00	\$ -		\$ 6,047.00	\$ 1,709.56	\$ 84,538.00	
03	08/22/14	\$ 137,548.00	\$ -		\$ 10,676.00	\$ 3,018.23	\$ 148,224.00	
04	12/05/14	\$ 190,908.00	\$ -		\$ 14,611.00	\$ 4,130.71	\$ 205,519.00	
05	02/23/15	\$ 191,013.00	\$ -		\$ 13,878.00	\$ 3,923.48	\$ 204,891.00	
06	05/19/15	\$ 145,282.00	\$ -		\$ 9,330.00	\$ 2,637.70	\$ 154,612.00	
07	08/26/15	\$ 97,056.00	\$ -		\$ 4,944.00	\$ 1,397.73	\$ 102,000.00	
08	11/25/15	\$ 64,128.00	\$ -		\$ 2,326.00	\$ 657.59	\$ 66,454.00	
09	03/01/16	\$ 29,664.00	\$ -		\$ -	\$ -	\$ 29,664.00	
10	N/A	\$ 20,944.00	\$ -		\$ -	\$ -	\$ 20,944.00	
11	N/A	\$ 13,570.00	\$ -		\$ -	\$ -	\$ 13,570.00	
12	N/A	\$ 8,438.00	\$ -		\$ -	\$ -	\$ 8,438.00	
13	N/A	\$ 5,037.00	\$ -		\$ -	\$ -	\$ 5,037.00	
14	N/A	\$ 1,156.00	\$ -		\$ -	\$ -	\$ 1,156.00	
15	N/A	\$ -	\$ -		\$ -	\$ -	\$ -	
16	N/A	\$ -	\$ -		\$ -	\$ -	\$ -	
20	Total	\$ 1,021,796.00	\$ -		\$ 64,716.00	\$ 18,296.00	\$ 1,086,512.00	

In-Service Date:	Estimate	Actual	Comments/Notes	
	04/13/16	04/13/16		
COD:	04/13/16	04/30/16		

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)	
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest	Refund (A)	Refund (B)	Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest	Refund (A)	Refund (B)	Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs	08/22/14	09/30/14	40	3.250%	\$ 3,018.23	\$ 10.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,028.98	\$ 3,028.98
Payment	03	10/01/14	12/31/14	92	3.250%	\$ 3,028.98	\$ 24.81	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,053.80	\$ 3,053.80
01/01/15	03/31/15	90	3.250%	\$ 3,053.80	\$ 24.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,078.27	\$ 3,078.27
04/01/15	06/30/15	91	3.250%	\$ 3,078.27	\$ 24.94	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,103.21	\$ 3,103.21
07/01/15	09/30/15	92	3.250%	\$ 3,103.21	\$ 25.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,128.63	\$ 3,128.63
10/01/15	12/31/15	92	3.250%	\$ 3,128.63	\$ 25.63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,154.26	\$ 3,154.26
01/01/16	03/31/16	91	3.250%	\$ 3,154.26	\$ 25.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,179.75	\$ 3,179.75
04/01/16	06/30/16	91	3.460%	\$ 3,179.75	\$ 27.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,207.11	\$ 3,207.11
07/01/16	09/30/16	92	3.500%	\$ 3,207.11	\$ 28.22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,235.32	\$ 3,235.32
10/01/16	12/31/16	92	3.500%	\$ 3,235.32	\$ 28.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,263.78	\$ 3,263.78
01-04	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 3,263.78	\$ 28.17	\$ 54.74	\$ 28.17	\$ 82.91	\$ 603.65	\$ 686.56	\$ 686.56	\$ 3,320.12	\$ 2,633.56
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,633.56	\$ -	\$ 13.69	\$ 24.36	\$ 38.05	\$ 150.91	\$ 188.96	\$ 188.96	\$ 2,657.92	\$ 2,468.96
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,468.96	\$ -	\$ 13.69	\$ 24.64	\$ 38.33	\$ 150.91	\$ 189.24	\$ 189.24	\$ 2,493.61	\$ 2,304.37
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 2,304.37	\$ -	\$ 13.69	\$ 24.45	\$ 38.14	\$ 150.91	\$ 189.05	\$ 189.05	\$ 2,328.82	\$ 2,139.77
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 2,139.77	\$ -	\$ 13.69	\$ 22.42	\$ 36.11	\$ 150.91	\$ 187.02	\$ 187.02	\$ 2,162.19	\$ 1,975.17
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,975.17	\$ -	\$ 13.69	\$ 22.01	\$ 35.70	\$ 150.91	\$ 186.61	\$ 186.61	\$ 1,997.18	\$ 1,810.57
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,810.57	\$ -	\$ 13.69	\$ 21.40	\$ 35.09	\$ 150.91	\$ 186.00	\$ 186.00	\$ 1,831.98	\$ 1,645.98
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,645.98	\$ -	\$ 13.69	\$ 20.58	\$ 34.26	\$ 150.91	\$ 185.18	\$ 185.18	\$ 1,666.55	\$ 1,481.38
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,481.38	\$ -	\$ 13.69	\$ 18.92	\$ 32.61	\$ 150.91	\$ 183.52	\$ 183.52	\$ 1,500.30	\$ 1,316.78
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,316.78	\$ -	\$ 13.69	\$ 17.89	\$ 31.58	\$ 150.91	\$ 182.49	\$ 182.49	\$ 1,334.67	\$ 1,152.18
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,152.18	\$ -	\$ 13.69	\$ 17.46	\$ 31.15	\$ 150.91	\$ 182.06	\$ 182.06	\$ 1,169.65	\$ 987.59
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 987.59	\$ -	\$ 13.69	\$ 15.56	\$ 29.25	\$ 150.91	\$ 180.16	\$ 180.16	\$ 1,003.14	\$ 822.99
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 822.99	\$ -	\$ 13.69	\$ 12.86	\$ 26.54	\$ 150.91	\$ 177.46	\$ 177.46	\$ 835.85	\$ 658.39
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 658.39	\$ -	\$ 13.69	\$ 10.64	\$ 24.33	\$ 150.91	\$ 175.24	\$ 175.24	\$ 669.03	\$ 493.79
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 493.79	\$ -	\$ 13.69	\$ 8.07	\$ 21.76	\$ 150.91	\$ 172.67	\$ 172.67	\$ 501.86	\$ 329.20
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 329.20	\$ -	\$ 13.69	\$ 5.38	\$ 19.07	\$ 150.91	\$ 169.98	\$ 169.98	\$ 334.58	\$ 164.60
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 164.60	\$ -	\$ 13.69	\$ 2.64	\$ 16.32	\$ 150.91	\$ 167.24	\$ 167.24	\$ (0.00)	
						\$ 56,836.62	\$ 273.72	\$ 297.47	\$ 571.18	\$ 3,018.23	\$ 3,589.42	\$ 57,407.81	\$ 53,818.39		

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs	12/05/14													

Date Payment Received	Facility Cost	ITCC	One-Time Cost	Total Cost
Payment #				
01	\$ 38,561.00	\$ -	\$ 821.00	\$ 39,382.00
02	\$ 78,491.00	\$ -	\$ 1,709.56	\$ 80,200.56
03	\$ 137,548.00	\$ -	\$ 3,018.23	\$ 140,566.23
04	\$ 190,908.00	\$ -	\$ 4,130.71	\$ 195,038.71
05	\$ 191,013.00	\$ -	\$ 3,923.48	\$ 194,936.48
06	\$ 145,282.00	\$ -	\$ 2,637.70	\$ 147,919.70
07	\$ 97,056.00	\$ -	\$ 1,397.73	\$ 98,453.73
08	\$ 64,128.00	\$ -	\$ 657.59	\$ 64,785.59
09	\$ 29,664.00	\$ -	\$ -	\$ 29,664.00
10	\$ 20,944.00	\$ -	\$ -	\$ 20,944.00
11	\$ 13,570.00	\$ -	\$ -	\$ 13,570.00
12	\$ 8,438.00	\$ -	\$ -	\$ 8,438.00
13	\$ 5,037.00	\$ -	\$ -	\$ 5,037.00
14	\$ 1,156.00	\$ -	\$ -	\$ 1,156.00
15	N/A	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -
Total	\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00
True Up 1	N/A	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -
Grand Total	\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost	One-Time Cost (NU)	Total Cost
01	07/11/14	\$ 38,561.00	\$ -	\$ 2,904.00	\$ 821.00	\$ 41,465.00
02	07/11/14	\$ 78,491.00	\$ -	\$ 6,047.00	\$ 1,709.56	\$ 84,538.56
03	08/22/14	\$ 137,548.00	\$ -	\$ 10,676.00	\$ 3,018.23	\$ 148,224.00
04	12/05/14	\$ 190,908.00	\$ -	\$ 14,611.00	\$ 4,130.71	\$ 205,519.00
05	02/23/15	\$ 191,013.00	\$ -	\$ 13,878.00	\$ 3,923.48	\$ 204,891.00
06	05/19/15	\$ 145,282.00	\$ -	\$ 9,330.00	\$ 2,637.70	\$ 154,612.00
07	08/26/15	\$ 97,056.00	\$ -	\$ 4,944.00	\$ 1,397.73	\$ 102,000.00
08	11/25/15	\$ 64,128.00	\$ -	\$ 2,326.00	\$ 657.59	\$ 66,454.00
09	03/01/16	\$ 29,664.00	\$ -	\$ -	\$ -	\$ 29,664.00
10	N/A	\$ 20,944.00	\$ -	\$ -	\$ -	\$ 20,944.00
11	N/A	\$ 13,570.00	\$ -	\$ -	\$ -	\$ 13,570.00
12	N/A	\$ 8,438.00	\$ -	\$ -	\$ -	\$ 8,438.00
13	N/A	\$ 5,037.00	\$ -	\$ -	\$ -	\$ 5,037.00
14	N/A	\$ 1,156.00	\$ -	\$ -	\$ -	\$ 1,156.00
		\$ 1,021,796.00	\$ -	\$ 64,716.00	\$ 18,296.00	\$ 1,086,512.00

	Estimate	Actual	Comments/Notes	
In-Service Date:	04/13/16	04/13/16		
COD:	04/13/16	04/30/16		

Refund #	Period	Start Date	End Date	Days	Accrued Interest		Accrued Interest		Quarterly Interest		Total Interest		Total Due		Running Balance	
					APR Interest Rate (%)	Principal Due (1)	Due (2)	Refund (A)	Refund (B)	Refund (A) + (B)	(C) = (E)	Refund (D)	Principal Refund (D)	Total Refund (C) + (D) = (E)	(1) + (2) + (B) = (3)	(3) - (E)
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 3,570.84	\$ -	\$ 16.64	\$ 33.03	\$ 49.67	\$ 206.54	\$ 256.21	\$ 3,603.87	\$ 3,347.66		
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 3,347.66	\$ -	\$ 16.64	\$ 33.41	\$ 50.06	\$ 206.54	\$ 256.59	\$ 3,381.08	\$ 3,124.48		
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 3,124.48	\$ -	\$ 16.64	\$ 33.16	\$ 49.80	\$ 206.54	\$ 256.33	\$ 3,157.64	\$ 2,901.31		
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 2,901.31	\$ -	\$ 16.64	\$ 30.40	\$ 47.05	\$ 206.54	\$ 253.58	\$ 2,931.71	\$ 2,678.13		
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 2,678.13	\$ -	\$ 16.64	\$ 29.85	\$ 46.49	\$ 206.54	\$ 253.02	\$ 2,707.98	\$ 2,454.95		
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 2,454.95	\$ -	\$ 16.64	\$ 29.02	\$ 45.66	\$ 206.54	\$ 252.20	\$ 2,483.97	\$ 2,231.77		
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 2,231.77	\$ -	\$ 16.64	\$ 27.90	\$ 44.54	\$ 206.54	\$ 251.08	\$ 2,259.68	\$ 2,008.60		
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 2,008.60	\$ -	\$ 16.64	\$ 25.66	\$ 42.30	\$ 206.54	\$ 248.83	\$ 2,034.25	\$ 1,785.42		
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,785.42	\$ -	\$ 16.64	\$ 24.26	\$ 40.90	\$ 206.54	\$ 247.44	\$ 1,809.68	\$ 1,562.24		
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,562.24	\$ -	\$ 16.64	\$ 23.68	\$ 40.32	\$ 206.54	\$ 246.86	\$ 1,585.92	\$ 1,339.06		
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 1,339.06	\$ -	\$ 16.64	\$ 21.10	\$ 37.74	\$ 206.54	\$ 244.27	\$ 1,360.16	\$ 1,115.89		
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 1,115.89	\$ -	\$ 16.64	\$ 17.44	\$ 34.08	\$ 206.54	\$ 240.61	\$ 1,133.32	\$ 892.71		
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 892.71	\$ -	\$ 16.64	\$ 14.43	\$ 31.07	\$ 206.54	\$ 237.61	\$ 907.14	\$ 669.53		
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 669.53	\$ -	\$ 16.64	\$ 10.94	\$ 27.58	\$ 206.54	\$ 234.12	\$ 680.47	\$ 446.35		
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 446.35	\$ -	\$ 16.64	\$ 7.29	\$ 23.94	\$ 206.54	\$ 230.47	\$ 453.65	\$ 223.18		
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 223.18	\$ -	\$ 16.64	\$ 3.58	\$ 20.22	\$ 206.54	\$ 226.76	\$ 226.76	\$ (0.00)		
					\$ 72,995.96	\$ 332.84		\$ 332.84	\$ 403.33	\$ 736.18	\$ 4,130.71	\$ 4,866.88	\$ 73,732.13	\$ 68,865.25		

Payment #	Date Payment Received	Facility Cost		ITCC	One-Time Cost		Total Cost
		\$	821.00		\$	39,382.00	
01	07/11/14	\$ 38,561.00	\$ -		\$ 821.00	\$ 39,382.00	
02	07/11/14	\$ 78,491.00	\$ -		\$ 1,709.56	\$ 80,200.56	
03	08/22/14	\$ 137,548.00	\$ -		\$ 3,018.23	\$ 140,566.23	
04	12/05/14	\$ 190,908.00	\$ -		\$ 4,130.71	\$ 195,038.71	
05	02/23/15	\$ 191,013.00	\$ -		\$ 3,923.48	\$ 194,936.48	
06	05/19/15	\$ 145,282.00	\$ -		\$ 2,637.70	\$ 147,919.70	
07	08/26/15	\$ 97,056.00	\$ -		\$ 1,397.73	\$ 98,453.73	
08	11/25/15	\$ 64,128.00	\$ -		\$ 657.59	\$ 64,785.59	
09	02/23/16	\$ 29,664.00	\$ -		\$ -	\$ 29,664.00	
10	07/18/16	\$ 20,944.00	\$ -		\$ -	\$ 20,944.00	
11	10/21/16	\$ 13,570.00	\$ -		\$ -	\$ 13,570.00	
12	12/20/16	\$ 8,438.00	\$ -		\$ -	\$ 8,438.00	
13	05/01/17	\$ 5,037.00	\$ -		\$ -	\$ 5,037.00	
14	11/27/17	\$ 1,156.00	\$ -		\$ -	\$ 1,156.00	
15	N/A	\$ -	\$ -		\$ -	\$ -	
20	N/A	\$ -	\$ -		\$ -	\$ -	
Total		\$ 1,021,796.00	\$ -		\$ 18,296.00	\$ 1,040,092.00	
True Up 1	N/A	\$ -	\$ -		\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -		\$ -	\$ -	
Grand Total		\$ 1,021,796.00	\$ -		\$ 18,296.00	\$ 1,040,092.00	

Payment #	Date Payment Received	Facility Cost		ITCC	One-Time Cost		One-Time Cost (NU)	Total Cost
		\$	821.00		\$	39,382.00		
01	07/11/14	\$ 38,561.00	\$ -		\$ 821.00	\$ 39,382.00	\$ 41,465.00	
02	07/11/14	\$ 78,491.00	\$ -		\$ 1,709.56	\$ 80,200.56	\$ 84,538.00	
03	08/22/14	\$ 137,548.00	\$ -		\$ 3,018.23	\$ 140,566.23	\$ 148,224.00	
04	12/05/14	\$ 190,908.00	\$ -		\$ 4,130.71	\$ 195,038.71	\$ 205,519.00	
05	02/23/15	\$ 191,013.00	\$ -		\$ 3,923.48	\$ 194,936.48	\$ 204,891.00	
06	05/19/15	\$ 145,282.00	\$ -		\$ 2,637.70	\$ 147,919.70	\$ 154,612.00	
07	08/26/15	\$ 97,056.00	\$ -		\$ 1,397.73	\$ 98,453.73	\$ 102,000.00	
08	11/25/15	\$ 64,128.00	\$ -		\$ 657.59	\$ 64,785.59	\$ 66,454.00	
09	02/23/16	\$ 29,664.00	\$ -		\$ -	\$ 29,664.00		
10	07/18/16	\$ 20,944.00	\$ -		\$ -	\$ 20,944.00		
11	10/21/16	\$ 13,570.00	\$ -		\$ -	\$ 13,570.00		
12	12/20/16	\$ 8,438.00	\$ -		\$ -	\$ 8,438.00		
13	05/01/17	\$ 5,037.00	\$ -		\$ -	\$ 5,037.00		
14	11/27/17	\$ 1,156.00	\$ -		\$ -	\$ 1,156.00		
15	N/A	\$ -	\$ -		\$ -	\$ -		
20	N/A	\$ -	\$ -		\$ -	\$ -		
Total		\$ 1,021,796.00	\$ -		\$ 18,296.00	\$ 1,040,092.00		

In-Service Date:	Estimate	Actual	Comments/Notes
	COD:	04/13/16	04/13/16

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 210.48	\$ -	\$ 14.31	\$ 3.37	\$ 17.68	\$ 196.17	\$ 213.86	\$ 213.86	\$ (0.00)

\$ 64,966.44 **\$ 286.18** **\$ 286.18** **\$ 380.39** **\$ 666.57** **\$ 3,923.48** **\$ 4,590.05** **\$ 65,633.00** **\$ 61,042.96**

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs Payment 06	05/19/15	06/30/15	43	3.250%	\$ 2,637.70	\$ 10.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,647.80	\$ 2,647.80
	07/01/15	09/30/15	92	3.250%	\$ 2,647.80	\$ 21.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,669.49	\$ 2,669.49
	10/01/15	12/31/15	92	3.250%	\$ 2,669.49	\$ 21.87	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,691.36	\$ 2,691.36
	01/01/16	03/31/16	91	3.250%	\$ 2,691.36	\$ 21.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,713.11	\$ 2,713.11
	04/01/16	06/30/16	91	3.460%	\$ 2,713.11	\$ 23.34	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,736.45	\$ 2,736.45
	07/01/16	09/30/16	92	3.500%	\$ 2,736.45	\$ 24.07	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,760.52	\$ 2,760.52
01-04 Q1/2017 05 Q2/2017 06 Q3/2017 07 Q4/2017 08 Q1/2018 09 Q2/2018 10 Q3/2018 11 Q4/2018 12 Q1/2019 13 Q2/2019 14 Q3/2019 15 Q4/2019 16 Q1/2020 17 Q2/2020 18 Q3/2020 19 Q4/2020 20 Q1/2021	01/01/17	03/31/17	90	3.500%	\$ 2,784.81	\$ 24.03	\$ 34.23	\$ 24.03	\$ 58.26	\$ 527.54	\$ 585.80	\$ 2,832.88	\$ 2,247.08	
	04/01/17	06/30/17	91	3.710%	\$ 2,247.08	\$ 8.56	\$ 20.78	\$ 29.34	\$ 131.89	\$ 161.23	\$ 2,267.86	\$ 2,267.86	\$ 2,106.63	
	07/01/17	09/30/17	92	3.960%	\$ 2,106.63	\$ 8.56	\$ 21.03	\$ 29.58	\$ 131.89	\$ 161.47	\$ 2,127.66	\$ 2,127.66	\$ 1,966.19	
	08/01/17	10/31/17	92	4.210%	\$ 1,966.19	\$ 8.56	\$ 20.86	\$ 29.42	\$ 131.89	\$ 161.31	\$ 1,987.06	\$ 1,987.06	\$ 1,825.75	
	09/01/18	01/31/18	90	4.250%	\$ 1,825.75	\$ 8.56	\$ 19.13	\$ 27.69	\$ 131.89	\$ 159.58	\$ 1,844.88	\$ 1,844.88	\$ 1,685.31	
	10/01/18	02/28/18	91	4.690%	\$ 1,544.86	\$ 8.56	\$ 18.26	\$ 26.82	\$ 131.89	\$ 158.70	\$ 1,563.13	\$ 1,563.13	\$ 1,404.42	
	11/01/18	01/31/18	92	4.960%	\$ 1,404.42	\$ 8.56	\$ 17.56	\$ 26.11	\$ 131.89	\$ 158.00	\$ 1,421.98	\$ 1,421.98	\$ 1,263.98	
	12/01/18	03/31/19	90	5.180%	\$ 1,263.98	\$ 8.56	\$ 16.14	\$ 24.70	\$ 131.89	\$ 156.59	\$ 1,280.12	\$ 1,280.12	\$ 1,123.54	
	01/01/19	04/30/19	91	5.450%	\$ 1,123.54	\$ 8.56	\$ 15.27	\$ 23.82	\$ 131.89	\$ 155.71	\$ 1,138.80	\$ 1,138.80	\$ 983.10	
	02/01/19	05/31/19	92	6.013%	\$ 983.10	\$ 8.56	\$ 14.90	\$ 23.46	\$ 131.89	\$ 155.34	\$ 998.00	\$ 998.00	\$ 842.65	
	03/01/19	06/30/19	91	6.251%	\$ 842.65	\$ 8.56	\$ 13.28	\$ 21.83	\$ 131.89	\$ 153.72	\$ 855.93	\$ 855.93	\$ 702.21	
	04/01/19	07/31/19	92	6.251%	\$ 702.21	\$ 8.56	\$ 10.97	\$ 19.53	\$ 131.89	\$ 151.41	\$ 713.18	\$ 713.18	\$ 561.77	
	05/01/20	08/31/20	91	6.502%	\$ 561.77	\$ 8.56	\$ 9.08	\$ 17.64	\$ 131.89	\$ 149.52	\$ 570.85	\$ 570.85	\$ 421.33	
	06/01/20	09/30/20	92	6.501%	\$ 421.33	\$ 8.56	\$ 6.89	\$ 15.44	\$ 131.89	\$ 147.33	\$ 428.21	\$ 428.21	\$ 280.88	
	07/01/20	12/31/20	92	6.502%	\$ 280.88	\$ 8.56	\$ 4.59	\$ 13.15	\$ 131.89	\$ 145.03	\$ 285.47	\$ 285.47	\$ 140.44	
	08/01/21	01/31/21	90	6.502%	\$ 140.44	\$ 8.56	\$ 2.25	\$ 10.81	\$ 131.89	\$ 142.69	\$ 142.69	\$ 142.69	\$ (0.00)	

\$ 40,741.40 **\$ 171.14** **\$ 171.14** **\$ 253.81** **\$ 424.95** **\$ 2,637.70** **\$ 3,062.66** **\$ 41,166.35** **\$ 38,103.70**

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	07/11/14	\$ 38,561.00	\$ -	\$ 821.00	\$ 39,382.00
02	07/11/14	\$ 78,491.00	\$ -	\$ 1,709.56	\$ 80,200.56
03	08/22/14	\$ 137,548.00	\$ -	\$ 3,018.23	\$ 140,566.23
04	12/05/14	\$ 190,908.00	\$ -	\$ 4,130.71	\$ 195,038.71
05	02/23/15	\$ 191,013.00	\$ -	\$ 3,923.48	\$ 194,936.48
06	05/19/15	\$ 145,282.00	\$ -	\$ 2,637.70	\$ 147,919.70
07	08/26/15	\$ 97,056.00	\$ -	\$ 1,397.73	\$ 98,453.73
08	11/25/15	\$ 64,128.00	\$ -	\$ 657.59	\$ 64,785.59
09	02/23/16	\$ 29,664.00	\$ -	\$ -	\$ 29,664.00
10	07/18/16	\$ 20,944.00	\$ -	\$ -	\$ 20,944.00
11	10/21/16	\$ 13,570.00	\$ -	\$ -	\$ 13,570.00
12	12/20/16	\$ 8,438.00	\$ -	\$ -	\$ 8,438.00
13	05/01/17	\$ 5,037.00	\$ -	\$ -	\$ 5,037.00
14	11/27/17	\$ 1,156.00	\$ -	\$ -	\$ 1,156.00
15	N/A	\$ -	\$ -	\$ -	\$ -
16	N/A	\$ -	\$ -	\$ -	\$ -
20					
Total		\$ 1,021,796.00		\$ 18,296.00	\$ 1,040,092.00
True Up 1					
N/A		\$ -	\$ -	\$ -	\$ -
True Up 2					
Grand Total		\$ 1,021,796.00		\$ 18,296.00	\$ 1,040,092.00

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	One-Time Cost (NU)	Total Cost
01	07/11/14	\$ 38,561.00	\$ -	\$ 2,904.00	\$ 821.00	\$ 41,465.00
02	07/11/14	\$ 78,491.00	\$ -	\$ 6,047.00	\$ 1,709.56	\$ 84,538.00
03	08/22/14	\$ 137,548.00	\$ -	\$ 10,676.00	\$ 3,018.23	\$ 148,224.00
04	12/05/14	\$ 190,908.00	\$ -	\$ 14,611.00	\$ 4,130.71	\$ 205,519.00
05	02/23/15	\$ 191,013.00	\$ -	\$ 13,878.00	\$ 3,923.48	\$ 204,891.00
06	05/19/15	\$ 145,282.00	\$ -	\$ 9,330.00	\$ 2,637.70	\$ 154,612.00
07	08/26/15	\$ 97,056.00	\$ -	\$ 4,944.00	\$ 1,397.73	\$ 102,000.00
08	11/25/15	\$ 64,128.00	\$ -	\$ 2,326.00	\$ 657.59	\$ 66,454.00
09	03/01/16	\$ 29,664.00	\$ -	\$ -	\$ -	\$ 29,664.00
10	N/A	\$ 20,944.00	\$ -	\$ -	\$ -	\$ 20,944.00
11	N/A	\$ 13,570.00	\$ -	\$ -	\$ -	\$ 13,570.00
12	N/A	\$ 8,438.00	\$ -	\$ -	\$ -	\$ 8,438.00
13	N/A	\$ 5,037.00	\$ -	\$ -	\$ -	\$ 5,037.00
14	N/A	\$ 1,156.00	\$ -	\$ -	\$ -	\$ 1,156.00
		\$ 1,021,796.00		\$ 64,716.00	\$ 18,296.00	\$ 1,086,512.00

In-Service Date:	Estimate	Actual	Comments/Notes
04/13/16	04/13/16		
COD:	04/13/16	04/30/16	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,032.78	\$ -	\$ 3.88	\$ 10.96	\$ 14.84	\$ 69.89	\$ 84.73	\$ 1,043.74	\$ 959.01
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 959.01	\$ -	\$ 3.88	\$ 10.05	\$ 13.93	\$ 69.89	\$ 83.82	\$ 969.06	\$ 885.24
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 885.24	\$ -	\$ 3.88	\$ 9.87	\$ 13.75	\$ 69.89	\$ 83.64	\$ 895.11	\$ 811.47
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 811.47	\$ -	\$ 3.88	\$ 9.59	\$ 13.48	\$ 69.89	\$ 83.36	\$ 821.07	\$ 737.70
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 737.70	\$ -	\$ 3.88	\$ 9.22	\$ 13.11	\$ 69.89	\$ 82.99	\$ 746.93	\$ 663.93
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 663.93	\$ -	\$ 3.88	\$ 8.48	\$ 12.36	\$ 69.89	\$ 82.25	\$ 672.41	\$ 590.16
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 590.16	\$ -	\$ 3.88	\$ 8.02	\$ 11.90	\$ 69.89	\$ 81.79	\$ 598.18	\$ 516.39
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 516.39	\$ -	\$ 3.88	\$ 7.83	\$ 11.71	\$ 69.89	\$ 81.60	\$ 524.22	\$ 442.62
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 442.62	\$ -	\$ 3.88	\$ 6.97	\$ 10.86	\$ 69.89	\$ 80.74	\$ 449.60	\$ 368.85
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 368.85	\$ -	\$ 3.88	\$ 5.76	\$ 9.65	\$ 69.89	\$ 79.53	\$ 374.61	\$ 295.08
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 295.08	\$ -	\$ 3.88	\$ 4.77	\$ 8.65	\$ 69.89	\$ 78.54	\$ 299.85	\$ 221.31
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 221.31	\$ -	\$ 3.88	\$ 3.62	\$ 7.50	\$ 69.89	\$ 77.39	\$ 224.93	\$ 147.54
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 147.54	\$ -	\$ 3.88	\$ 2.41	\$ 6.30	\$ 69.89	\$ 76.18	\$ 149.95	\$ 73.77
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 73.77	\$ -	\$ 3.88	\$ 1.18	\$ 5.07	\$ 69.89	\$ 74.95	\$ 74.95	\$ 0.00
						\$ 20,021.70		\$ 77.68	\$ 133.32	\$ 211.00	\$ 1,397.73	\$ 1,608.73	\$ 20,232.70	\$ 18,623.97

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs		11/25/15	12/31/15	37	3.250%	\$ 657.59	\$ 2.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 659.75	\$ 659.75
Payment	08	01/01/16	03/31/16	91	3.250%	\$ 659.75	\$ 5.33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 665.09	\$ 665.09
		04/01/16	06/30/16	91	3.460%	\$ 665.09	\$ 5.72	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 670.81	\$ 670.81
		07/01/16	09/30/16	92	3.500%	\$ 670.81	\$ 5.90	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 676.71	\$ 676.71
		10/01/16	12/31/16	92	3.500%	\$ 676.71	\$ 5.95	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 682.66	\$ 682.66
01-04	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 682.66	\$ 5.89	\$ 6.19	\$ 5.89	\$ 12.08	\$ 131.52	\$ 143.60	\$ 694.45	\$ 550.84
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 550.84	\$ -	\$ 1.55	\$ 5.10	\$ 6.64	\$ 32.88	\$ 39.52	\$ 555.94	\$ 516.42
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 516.42	\$ -	\$ 1.55	\$ 5.15	\$ 6.70	\$ 32.88	\$ 39.58	\$ 521.57	\$ 481.99
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 481.99	\$ -	\$ 1.55	\$ 5.11	\$ 6.66	\$ 32.88	\$ 39.54	\$ 487.10	\$ 447.56
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 447.56	\$ -	\$ 1.55	\$ 4.69	\$ 6.24	\$ 32.88	\$ 39.12	\$ 452.25	\$ 413.13
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 413.13	\$ -	\$ 1.55	\$ 4.60	\$ 6.15	\$ 32.88	\$ 39.03	\$ 417.74	\$ 378.70
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 378.70	\$ -	\$ 1.55	\$ 4.48	\$ 6.03	\$ 32.88	\$ 38.90	\$ 383.18	\$ 344.28
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 344.28	\$ -	\$ 1.55	\$ 4.30	\$ 5.85	\$ 32.88	\$ 38.73	\$ 348.58	\$ 309.85
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 309.85	\$ -	\$ 1.55	\$ 3.96	\$ 5.51	\$ 32.88	\$ 38.39	\$ 313.81	\$ 275.42
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 275.42	\$ -	\$ 1.55	\$ 3.74	\$ 5.29	\$ 32.88	\$ 38.17	\$ 279.16	\$ 240.99
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 240.99	\$ -	\$ 1.55	\$ 3.65	\$ 5.20	\$ 32.88	\$ 38.08	\$ 244.65	\$ 206.57
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 206.57	\$ -	\$ 1.55	\$ 3.25	\$ 4.80	\$ 32.88	\$ 37.68	\$ 209.82	\$ 172.14
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 172.14	\$ -	\$ 1.55	\$ 2.69	\$ 4.24	\$ 32.88	\$ 37.12	\$ 174.83	\$ 137.71
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 137.71	\$ -	\$ 1.55	\$ 2.23	\$ 3.77	\$ 32.88	\$ 36.65	\$ 139.94	\$ 103.28
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 103.28	\$ -	\$ 1.55	\$ 1.69	\$ 3.24	\$ 32.88	\$ 36.12	\$ 104.97	\$ 68.86
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 68.86	\$ -	\$ 1.55	\$ 1.13	\$ 2.67	\$ 32.88	\$ 35.55	\$ 69.98	\$ 34.43
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 34.43	\$ -	\$ 1.55	\$ 0.55	\$ 2.10	\$ 32.88	\$ 34.98	\$ 34.98	(0.00)
						\$ 8,694.78								

Payment #	Date Payment Received	Facility Cost		ITCC	One-Time Cost		Total Cost
		\$	821.00		\$	39,382.00	
01	07/11/14	\$ 38,561.00	\$ -		\$ 821.00	\$ 39,382.00	
02	07/11/14	\$ 78,491.00	\$ -		\$ 1,709.56	\$ 80,200.56	
03	08/22/14	\$ 137,548.00	\$ -		\$ 3,018.23	\$ 140,566.23	
04	12/05/14	\$ 190,908.00	\$ -		\$ 4,130.71	\$ 195,038.71	
05	02/23/15	\$ 191,013.00	\$ -		\$ 3,923.48	\$ 194,936.48	
06	05/19/15	\$ 145,282.00	\$ -		\$ 2,637.70	\$ 147,919.70	
07	08/26/15	\$ 97,056.00	\$ -		\$ 1,397.73	\$ 98,453.73	
08	11/25/15	\$ 64,128.00	\$ -		\$ 657.59	\$ 64,785.59	
09	03/01/16	\$ 29,664.00	\$ -		\$ -	\$ 29,664.00	
10	07/18/16	\$ 20,944.00	\$ -		\$ -	\$ 20,944.00	
11	10/21/16	\$ 13,570.00	\$ -		\$ -	\$ 13,570.00	
12	01/04/17	\$ 8,438.00	\$ -		\$ -	\$ 8,438.00	
13	05/01/17	\$ 5,037.00	\$ -		\$ -	\$ 5,037.00	
14	06/10/17	\$ 1,156.00	\$ -		\$ -	\$ 1,156.00	
15	N/A	\$ -	\$ -		\$ -	\$ -	
20	N/A	\$ -	\$ -		\$ -	\$ -	
Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00		
True Up 1	N/A	\$ -	\$ -		\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -		\$ -	\$ -	
Grand Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00		

Payment #	Date Payment Received	Facility Cost		ITCC	One-Time Cost		One-Time Cost (NU)	Total Cost
		\$	821.00		\$	39,382.00		
01	07/11/14	\$ 38,561.00	\$ -		\$ 2,904.00	\$ 821.00	\$ 41,465.00	
02	07/11/14	\$ 78,491.00	\$ -		\$ 6,047.00	\$ 1,709.56	\$ 84,538.00	
03	08/22/14	\$ 137,548.00	\$ -		\$ 10,676.00	\$ 3,018.23	\$ 148,224.00	
04	12/05/14	\$ 190,908.00	\$ -		\$ 14,611.00	\$ 4,130.71	\$ 205,519.00	
05	02/23/15	\$ 191,013.00	\$ -		\$ 13,878.00	\$ 3,923.48	\$ 204,891.00	
06	05/19/15	\$ 145,282.00	\$ -		\$ 9,330.00	\$ 2,637.70	\$ 154,612.00	
07	08/26/15	\$ 97,056.00	\$ -		\$ 4,944.00	\$ 1,397.73	\$ 102,000.00	
08	11/25/15	\$ 64,128.00	\$ -		\$ 2,326.00	\$ 657.59	\$ 66,454.00	
09	03/01/16	\$ 29,664.00	\$ -		\$ -	\$ -	\$ 29,664.00	
10	N/A	\$ 20,944.00	\$ -		\$ -	\$ -	\$ 20,944.00	
11	N/A	\$ 13,570.00	\$ -		\$ -	\$ -	\$ 13,570.00	
12	N/A	\$ 8,438.00	\$ -		\$ -	\$ -	\$ 8,438.00	
13	N/A	\$ 5,037.00	\$ -		\$ -	\$ -	\$ 5,037.00	
14	N/A	\$ 1,156.00	\$ -		\$ -	\$ -	\$ 1,156.00	
Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00			

In-Service Date:	Estimate	Actual	Comments/Notes
	COD:	04/13/16	04/30/16

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Facility Costs	04/13/16	06/30/16	79	3.460%	\$ 972,651.00	\$ 7,264.06	\$ -	\$ -	\$ -	\$ 97,265.10	\$ -	\$ 107,474.73	\$ 979,915.06	\$ 979,915.06
01-02	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 979,915.06	\$ 8,621.11	\$ 1,588.52	\$ 8,621.11	\$ 10,209.63	\$ 97,265.10	\$ 107,474.73	\$ 997,157.28	\$ 889,682.55
03	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 924,196.55	\$ -	\$ 794.26	\$ 8,130.91	\$ 8,925.17	\$ 50,549.99	\$ 59,475.16	\$ 932,327.46	\$ 872,852.30
04	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 881,290.30	\$ -	\$ 794.26	\$ 7,605.66	\$ 8,399.91	\$ 51,046.35	\$ 59,446.26	\$ 888,895.95	\$ 829,449.69
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 835,642.69	\$ -	\$ 794.26	\$ 7,729.35	\$ 8,523.61	\$ 51,361.16	\$ 59,884.77	\$ 843,372.04	\$ 783,487.27
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 783,487.27	\$ -	\$ 794.26	\$ 7,820.28	\$ 8,614.53	\$ 51,438.23	\$ 60,052.76	\$ 791,307.55	\$ 731,254.79
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 731,254.79	\$ -	\$ 794.26	\$ 7,759.72	\$ 8,553.97	\$ 51,438.23	\$ 59,992.20	\$ 739,014.50	\$ 679,022.30
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 679,022.30	\$ -	\$ 794.26	\$ 7,115.78	\$ 7,910.04	\$ 51,438.23	\$ 59,348.27	\$ 686,138.08	\$ 626,789.82
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 626,789.82	\$ -	\$ 794.26	\$ 6,985.19	\$ 7,779.44	\$ 51,438.23	\$ 59,217.67	\$ 633,775.00	\$ 574,557.33
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 574,557.33	\$ -	\$ 794.26	\$ 6,792.05	\$ 7,586.31	\$ 51,438.23	\$ 59,024.54	\$ 581,349.39	\$ 522,324.85
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 522,324.85	\$ -	\$ 794.26	\$ 6,530.06	\$ 7,324.32	\$ 51,438.23	\$ 58,762.55	\$ 528,854.91	\$ 470,092.36
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 470,092.36	\$ -	\$ 794.26	\$ 6,004.30	\$ 6,798.56	\$ 51,438.23	\$ 58,236.79	\$ 476,096.67	\$ 417,859.88
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 417,859.88	\$ -	\$ 794.26	\$ 5,677.74	\$ 6,472.00	\$ 51,438.23	\$ 57,910.23	\$ 423,537.62	\$ 365,627.39
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 365,627.39	\$ -	\$ 794.26	\$ 5,541.80	\$ 6,336.06	\$ 51,438.23	\$ 57,774.29	\$ 371,169.20	\$ 313,394.91
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 313,394.91	\$ -	\$ 794.26	\$ 4,937.49	\$ 5,731.75	\$ 51,438.23	\$ 57,169.98	\$ 318,332.40	\$ 261,162.42
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 261,162.42	\$ -	\$ 794.26	\$ 4,080.54	\$ 4,874.80	\$ 51,438.23	\$ 56,313.02	\$ 265,242.96	\$ 208,929.94
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 208,929.94	\$ -	\$ 794.26	\$ 3,377.65	\$ 4,171.91	\$ 51,438.23	\$ 55,610.14	\$ 212,307.59	\$ 156,697.45
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 156,697.45	\$ -	\$ 794.26	\$ 2,560.74	\$ 3,355.00	\$ 51,438.23	\$ 54,793.23	\$ 159,258.20	\$ 104,464.97
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 104,464.97	\$ -	\$ 794.26	\$ 1,707.24	\$ 2,501.50	\$ 51,438.23	\$ 53,939.72	\$ 106,172.21	\$ 52,232.48
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 52,232.48	\$ -	\$ 794.26	\$ 837.35	\$ 1,631.61	\$ 51,438.23	\$ 53,069.84	\$ 53,069.84	\$ 0.00
Total					\$ 10,861,593.77	\$ 15,885.17	\$ 109,814.97	\$ 125,700.14	\$ 1,021,796.00	\$ 1,147,496.14		\$ 10,987,293.91	\$ 9,839,797.77	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs	07/11/14	09/30/14	82	3.250%	\$ 821.00	\$ 5.99	\$ -	\$ -	\$ -	\$ 23.25	\$ 164.20	\$ 187.45	\$ 906.48	\$ 719.03
Payment 01	10/01/14	12/31/14	92	3.250%	\$ 826.99	\$ 6.77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 826.99	\$ 826.99
01/01/15	03/31/15	90	3.250%	\$ 833.77	\$ 6.68	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 833.77	\$ 833.77
04/01/15	06/30/15	91	3.250%	\$ 840.45	\$ 6.81	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 840.45	\$ 840.45
07/01/15	09/30/15	92	3.250%	\$ 847.26	\$ 6.94	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 847.26	\$ 847.26
10/01/15	12/31/15	92	3.250%	\$ 854.20	\$ 7.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 854.20	\$ 854.20
01/01/16	03/31/16	91	3.250%	\$ 861.19	\$ 6.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 861.19	\$ 861.19
04/01/16	06/30/16	91	3.460%	\$ 868.15	\$ 7.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 875.62	\$ 875.62
07/01/16	09/30/16	92	3.500%	\$ 875.62	\$ 7.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 883.33	\$ 883.

Payment #	Date Payment Received			One-Time Cost		Total Cost
		Facility Cost	ITCC			
01	07/11/14	\$ 38,561.00	\$ -	\$ 821.00	\$ 39,382.00	
02	07/11/14	\$ 78,491.00	\$ -	\$ 1,709.56	\$ 80,200.56	
03	08/22/14	\$ 137,548.00	\$ -	\$ 3,018.23	\$ 140,566.23	
04	12/05/14	\$ 190,908.00	\$ -	\$ 4,130.71	\$ 195,038.71	
05	02/23/15	\$ 191,013.00	\$ -	\$ 3,923.48	\$ 194,936.48	
06	05/19/15	\$ 145,282.00	\$ -	\$ 2,637.70	\$ 147,919.70	
07	08/26/15	\$ 97,056.00	\$ -	\$ 1,397.73	\$ 98,453.73	
08	11/25/15	\$ 64,128.00	\$ -	\$ 657.59	\$ 64,785.59	
09	03/01/16	\$ 29,664.00	\$ -	\$ -	\$ 29,664.00	
10	07/18/16	\$ 20,944.00	\$ -	\$ -	\$ 20,944.00	
11	10/21/16	\$ 13,570.00	\$ -	\$ -	\$ 13,570.00	
12	01/04/17	\$ 8,438.00	\$ -	\$ -	\$ 8,438.00	
13	05/01/17	\$ 5,037.00	\$ -	\$ -	\$ 5,037.00	
14	06/10/17	\$ 1,156.00	\$ -	\$ -	\$ 1,156.00	
15	N/A	\$ -	\$ -	\$ -	\$ -	
20	N/A	\$ -	\$ -	\$ -	\$ -	
Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00	
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	
Grand Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00	

Payment #	Date Payment Received			One-Time Cost		One-Time Cost (NU)	Total Cost
		Facility Cost	ITCC				
01	07/11/14	\$ 38,561.00	\$ -	\$ 821.00	\$ 39,382.00	\$ 41,465.00	
02	07/11/14	\$ 78,491.00	\$ -	\$ 1,709.56	\$ 80,200.56	\$ 84,538.00	
03	08/22/14	\$ 137,548.00	\$ -	\$ 3,018.23	\$ 140,566.23	\$ 148,224.00	
04	12/05/14	\$ 190,908.00	\$ -	\$ 4,130.71	\$ 195,038.71	\$ 205,519.00	
05	02/23/15	\$ 191,013.00	\$ -	\$ 3,923.48	\$ 194,936.48	\$ 204,891.00	
06	05/19/15	\$ 145,282.00	\$ -	\$ 2,637.70	\$ 147,919.70	\$ 154,612.00	
07	08/26/15	\$ 97,056.00	\$ -	\$ 1,397.73	\$ 98,453.73	\$ 102,000.00	
08	11/25/15	\$ 64,128.00	\$ -	\$ 657.59	\$ 64,785.59	\$ 66,454.00	
09	03/01/16	\$ 29,664.00	\$ -	\$ -	\$ 29,664.00	\$ 29,664.00	
10	07/18/16	\$ 20,944.00	\$ -	\$ -	\$ 20,944.00	\$ 20,944.00	
11	10/21/16	\$ 13,570.00	\$ -	\$ -	\$ 13,570.00	\$ 13,570.00	
12	01/04/17	\$ 8,438.00	\$ -	\$ -	\$ 8,438.00	\$ 8,438.00	
13	05/01/17	\$ 5,037.00	\$ -	\$ -	\$ 5,037.00	\$ 5,037.00	
14	06/10/17	\$ 1,156.00	\$ -	\$ -	\$ 1,156.00	\$ 1,156.00	
Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00		

In-Service Date:	Estimate	Actual	Comments/Notes	
	04/13/16	04/13/16		
COD:	04/13/16	04/30/16		

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 314.58	\$ -	\$ 3.89	\$ 4.77	\$ 8.66	\$ 41.05	\$ 49.71	\$ 319.34	\$ 269.64
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 269.64	\$ -	\$ 3.89	\$ 4.25	\$ 8.14	\$ 41.05	\$ 49.19	\$ 273.88	\$ 224.70
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 224.70	\$ -	\$ 3.89	\$ 3.51	\$ 7.40	\$ 41.05	\$ 48.45	\$ 228.21	\$ 179.76
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 179.76	\$ -	\$ 3.89	\$ 2.91	\$ 6.80	\$ 41.05	\$ 47.85	\$ 182.66	\$ 134.82
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 134.82	\$ -	\$ 3.89	\$ 2.20	\$ 6.09	\$ 41.05	\$ 47.14	\$ 137.02	\$ 89.88
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 89.88	\$ -	\$ 3.89	\$ 1.47	\$ 5.36	\$ 41.05	\$ 46.41	\$ 91.35	\$ 44.94
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 44.94	\$ -	\$ 3.89	\$ 0.72	\$ 4.61	\$ 41.05	\$ 45.66	\$ 45.66	\$ 0.00
						\$ 15,514.80	\$ 77.79	\$ 77.79	\$ 81.22	\$ 159.01	\$ 821.00	\$ 980.00	\$ 15,673.80	\$ 14,693.80

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs		07/11/14	09/30/14	82	3.250%	\$ 1,709.56	\$ 12.48	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,722.04	\$ 1,722.04
Payment	02	10/01/14	12/31/14	92	3.250%	\$ 1,722.04	\$ 14.11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,736.15	\$ 1,736.15
	01/01/15	03/31/15	90	3.250%	\$ 1,736.15	\$ 13.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,750.06	\$ 1,750.06
	04/01/15	06/30/15	91	3.250%	\$ 1,750.06	\$ 14.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,764.24	\$ 1,764.24
	07/01/15	09/30/15	92	3.250%	\$ 1,764.24	\$ 14.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,778.69	\$ 1,778.69
	10/01/15	12/31/15	92	3.250%	\$ 1,778.69	\$ 14.57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,793.27	\$ 1,793.27
	01/01/16	03/31/16	91	3.250%	\$ 1,793.27	\$ 14.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,807.76	\$ 1,807.76
	04/01/16	06/30/16	91	3.460%	\$ 1,807.76	\$ 15.55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,823.31	\$ 1,823.31
	07/01/16	09/30/16	92	3.500%	\$ 1,823.31	\$ 16.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,839.35	\$ 1,839.35
	10/01/16	12/31/16	92	3.500%	\$ 1,839.35	\$ 16.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,855.53	\$ 1,855.53
01-04	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,855.53	\$ 16.01	\$ 32.40	\$ 16.01	\$ 48.41	\$ 341.91	\$ 390.32	\$ 1,887.56	\$ 1,497.24
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,497.24	\$ -	\$ 8.10	\$ 13.85	\$ 21.95	\$ 85.48	\$ 107.43	\$ 1,511.08	\$ 1,403.66
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,403.66	\$ -	\$ 8.10	\$ 14.01	\$ 22.11	\$ 85.48	\$ 107.59	\$ 1,417.67	\$ 1,310.08
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,310.08	\$ -	\$ 8.10	\$ 13.90	\$ 22.00	\$ 85.48	\$ 107.48	\$ 1,323.98	\$ 1,216.50
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,216.50	\$ -	\$ 8.10	\$ 12.75	\$ 20.85	\$ 85.48	\$ 106.33	\$ 1,229.25	\$ 1,122.93
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,122.93	\$ -	\$ 8.10	\$ 12.51	\$ 20.61	\$ 85.48	\$ 106.09	\$ 1,135.44	\$ 1,029.35
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,029.35	\$ -	\$ 8.10	\$ 12.17	\$ 20.27	\$ 85.48	\$ 105.75	\$ 1,041.52	\$ 935.77
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 935.77	\$ -	\$ 8.10	\$ 11.70	\$ 19.80	\$ 85.48	\$ 105.28	\$ 947.47	\$ 842.20
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 842.20	\$ -	\$ 8.10	\$ 10.76	\$ 18.86	\$ 85.48	\$ 104.33	\$ 852.95	\$ 748.62
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 748.62	\$ -	\$ 8.10	\$ 10.17	\$ 18.27	\$ 85.48	\$ 103.75	\$ 758.79	\$ 655.04
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 655.04	\$ -	\$ 8.10	\$ 9.93	\$ 18.03	\$ 85.48	\$ 103.51	\$ 664.97	\$ 561.46
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 561.46	\$ -	\$ 8.10	\$ 8.85	\$ 16.94	\$ 85.48	\$ 102.42	\$ 570.31	\$ 467.89
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 467.89	\$ -	\$ 8.10	\$ 7.31	\$ 15.41	\$ 85.48	\$ 100.89	\$ 475.20	\$ 374.31
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 374.31	\$ -	\$ 8.10	\$ 6.05	\$ 14.15	\$ 85.48	\$ 99.63	\$ 380.36	\$ 280.73
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 280.73	\$ -	\$ 8.10	\$ 4.59	\$ 12.69	\$ 85.48	\$ 98.16	\$ 285.32	\$ 187.15
19	Q4/2020	10/01/20	12/31/20											

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	07/11/14	\$ 38,561.00	\$ -	\$ 821.00	\$ 39,382.00
02	07/11/14	\$ 78,491.00	\$ -	\$ 1,709.56	\$ 80,200.56
03	08/22/14	\$ 137,548.00	\$ -	\$ 3,018.23	\$ 140,566.23
04	12/05/14	\$ 190,908.00	\$ -	\$ 4,130.71	\$ 195,038.71
05	02/23/15	\$ 191,013.00	\$ -	\$ 3,923.48	\$ 194,936.48
06	05/19/15	\$ 145,282.00	\$ -	\$ 2,637.70	\$ 147,919.70
07	08/26/15	\$ 97,056.00	\$ -	\$ 1,397.73	\$ 98,453.73
08	11/25/15	\$ 64,128.00	\$ -	\$ 657.59	\$ 64,785.59
09	03/01/16	\$ 29,664.00	\$ -	\$ -	\$ 29,664.00
10	07/18/16	\$ 20,944.00	\$ -	\$ -	\$ 20,944.00
11	10/21/16	\$ 13,570.00	\$ -	\$ -	\$ 13,570.00
12	01/04/17	\$ 8,438.00	\$ -	\$ -	\$ 8,438.00
13	05/01/17	\$ 5,037.00	\$ -	\$ -	\$ 5,037.00
14	06/10/17	\$ 1,156.00	\$ -	\$ -	\$ 1,156.00
15	N/A	\$ -	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -	\$ -
Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
Grand Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost	One-Time Cost (NU)	Total Cost
01	07/11/14	\$ 35,561.00	\$ -	\$ 2,904.00	\$ 821.00	\$ 41,465.00
02	07/11/14	\$ 78,491.00	\$ -	\$ 6,047.00	\$ 1,709.56	\$ 84,538.00
03	08/22/14	\$ 137,548.00	\$ -	\$ 10,676.00	\$ 3,018.23	\$ 148,224.00
04	12/05/14	\$ 190,908.00	\$ -	\$ 14,611.00	\$ 4,130.71	\$ 205,519.00
05	02/23/15	\$ 191,013.00	\$ -	\$ 13,878.00	\$ 3,923.48	\$ 204,891.00
06	05/19/15	\$ 145,282.00	\$ -	\$ 9,330.00	\$ 2,637.70	\$ 154,612.00
07	08/26/15	\$ 97,056.00	\$ -	\$ 4,944.00	\$ 1,397.73	\$ 102,000.00
08	11/25/15	\$ 64,128.00	\$ -	\$ 2,326.00	\$ 657.59	\$ 66,454.00
09	03/01/16	\$ 29,664.00	\$ -	\$ -	\$ -	\$ 29,664.00
10	N/A	\$ 20,944.00	\$ -	\$ -	\$ -	\$ 20,944.00
11	N/A	\$ 13,570.00	\$ -	\$ -	\$ -	\$ 13,570.00
12	N/A	\$ 8,438.00	\$ -	\$ -	\$ -	\$ 8,438.00
13	N/A	\$ 5,037.00	\$ -	\$ -	\$ -	\$ 5,037.00
14	N/A	\$ 1,156.00	\$ -	\$ -	\$ -	\$ 1,156.00
		\$ 1,024,796.00	\$ -	\$ 64,716.00	\$ 18,296.00	\$ 1,086,512.00

	Estimate	Actual	Comments/Notes		
In-Service Date:	04/13/16	04/13/16			
COD:	04/13/16	04/30/16			

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)								
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)	
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)	
One-Time Costs Payment	03	08/22/14	09/30/14	40	3.250%	\$ 3,018.23	\$ 10.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,028.98	\$ 3,028.98	
		10/01/14	12/31/14	92	3.250%	\$ 3,028.98	\$ 24.81	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,053.80	\$ 3,053.80	
		01/01/15	03/31/15	90	3.250%	\$ 3,053.80	\$ 24.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,078.27	\$ 3,078.27	
		04/01/15	06/30/15	91	3.250%	\$ 3,078.27	\$ 24.94	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,103.21	\$ 3,103.21	
		07/01/15	09/30/15	92	3.250%	\$ 3,103.21	\$ 25.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,128.63	\$ 3,128.63	
		10/01/15	12/31/15	92	3.250%	\$ 3,128.63	\$ 25.63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,154.26	\$ 3,154.26	
		01/01/16	03/31/16	91	3.250%	\$ 3,154.26	\$ 25.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,179.75	\$ 3,179.75	
		04/01/16	06/30/16	91	3.460%	\$ 3,179.75	\$ 27.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,207.11	\$ 3,207.11	
		07/01/16	09/30/16	92	3.500%	\$ 3,207.11	\$ 28.22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,235.32	\$ 3,235.32	
		10/01/16	12/31/16	92	3.500%	\$ 3,235.32	\$ 28.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,263.78	\$ 3,263.78	
01-04	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 3,263.78	\$ 28.17	\$ 54.74	\$ 28.17	\$ 82.91	\$ 603.65	\$ 686.56	\$ 3,320.12	\$ 2,633.56	
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,633.56	\$ -	\$ 13.69	\$ 24.36	\$ 38.05	\$ 150.91	\$ 188.96	\$ 2,657.92	\$ 2,468.96	
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,468.96	\$ -	\$ 13.69	\$ 24.64	\$ 38.33	\$ 150.91	\$ 189.24	\$ 2,493.61	\$ 2,304.37	
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 2,304.37	\$ -	\$ 13.69	\$ 24.45	\$ 38.14	\$ 150.91	\$ 189.05	\$ 2,328.82	\$ 2,139.77	
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 2,139.77	\$ -	\$ 13.69	\$ 22.42	\$ 36.11	\$ 150.91	\$ 187.02	\$ 2,162.19	\$ 1,975.17	
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,975.17	\$ -	\$ 13.69	\$ 22.01	\$ 35.70	\$ 150.91	\$ 186.61	\$ 1,997.18	\$ 1,810.57	
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,810.57	\$ -	\$ 13.69	\$ 21.40	\$ 35.09	\$ 150.91	\$ 186.00	\$ 1,831.98	\$ 1,645.98	
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,645.98	\$ -	\$ 13.69	\$ 20.58	\$ 34.26	\$ 150.91	\$ 185.18	\$ 1,666.55	\$ 1,481.38	
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,481.38	\$ -	\$ 13.69	\$ 18.92	\$ 32.61	\$ 150.91	\$ 183.52	\$ 1,500.30	\$ 1,316.78	
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,316.78	\$ -	\$ 13.69	\$ 17.89	\$ 31.58	\$ 150.91	\$ 182.49	\$ 1,334.67	\$ 1,152.18	
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,152.18	\$ -	\$ 13.69	\$ 17.46	\$ 31.15	\$ 150.91	\$ 182.06	\$ 1,169.65	\$ 987.59	
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 987.59	\$ -	\$ 13.69	\$ 15.56	\$ 29.25	\$ 150.91	\$ 180.16	\$ 1,003.14	\$ 822.99	
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 822.99	\$ -	\$ 13.69	\$ 12.86	\$ 26.54	\$ 150.91	\$ 177.46	\$ 835.85	\$ 658.39	
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 658.39	\$ -	\$ 13.69	\$ 10.64	\$ 24.33	\$ 150.91	\$ 175.24	\$ 669.03	\$ 493.79	
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 493.79	\$ -	\$ 13.69	\$ 8.07	\$ 21.76	\$ 150.91	\$ 172.67	\$ 501.86	\$ 329.20	
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 329.20	\$ -	\$ 13.69	\$ 5.38	\$ 19.07	\$ 150.91	\$ 169.98	\$ 334.58	\$ 164.60	
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 164.60	\$ -	\$ 13.69	\$ 2.64	\$ 16.32	\$ 150.91	\$ 167.24	\$ (0.00)		

Refund #	Period	Start Date	End Date	Days	Accrued Interest		Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund		Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due	
					APR Interest Rate (%)	Principal Due (1)			(A) + (B) = (C)	(D)			(3) (1) + (2) + (B) = (3) - (E)	Running Balance
One-Time Costs Payment 04	12/05/14	12/31/14	27	3.250%	\$ 4,130.71	\$ 9.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,140.64	\$ 4,140.64
	01/01/15	03/31/15	90	3.250%	\$ 4,140.64	\$ 33.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,173.82	\$ 4,173.82
	04/01/15	06/30/15	91	3.250%	\$ 4,173.82	\$ 33.82	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,207.64	\$ 4,207.64
	07/01/15	09/30/15	92	3.250%	\$ 4,207.64	\$ 34.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,242.11	\$ 4,242.11
	10/01/15	12/31/15	92	3.250%	\$ 4,242.11	\$ 34.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,276.86	\$ 4,276.86
	01/01/16	03/31/16	91	3.250%	\$ 4,276.86	\$ 34.56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,311.42	\$ 4,311.42
	04/01/16	06/30/16	91	3.460%	\$ 4,311.42	\$ 37.09	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,348.51	\$ 4,348.51
	07/01/16	09/30/16	92	3.500%	\$ 4,348.51	\$ 38.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,386.76	\$ 4,386.76
	10/01/16	12/31/16	92	3.500%	\$ 4,386.76	\$ 38.59	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,425.36	\$ 4,425.36
	01-04	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 4,425.36	\$ 38.19	\$ 66.57	\$ 38.19	\$ 104.76	\$ 826.14	\$ 930.90	\$ 4,501.74

Payment #	Date Payment Received	Facility Cost		ITCC	One-Time Cost		Total Cost
		\$	821.00		\$	39,382.00	
01	07/11/14	\$ 38,561.00	\$ -		\$ 821.00	\$ 39,382.00	
02	07/11/14	\$ 78,491.00	\$ -		\$ 1,709.56	\$ 80,200.56	
03	08/22/14	\$ 137,548.00	\$ -		\$ 3,018.23	\$ 140,566.23	
04	12/05/14	\$ 190,908.00	\$ -		\$ 4,130.71	\$ 195,038.71	
05	02/23/15	\$ 191,013.00	\$ -		\$ 3,923.48	\$ 194,936.48	
06	05/19/15	\$ 145,282.00	\$ -		\$ 2,637.70	\$ 147,919.70	
07	08/26/15	\$ 97,056.00	\$ -		\$ 1,397.73	\$ 98,453.73	
08	11/25/15	\$ 64,128.00	\$ -		\$ 657.59	\$ 64,785.59	
09	03/01/16	\$ 29,664.00	\$ -		\$ -	\$ 29,664.00	
10	07/18/16	\$ 20,944.00	\$ -		\$ -	\$ 20,944.00	
11	10/21/16	\$ 13,570.00	\$ -		\$ -	\$ 13,570.00	
12	01/04/17	\$ 8,438.00	\$ -		\$ -	\$ 8,438.00	
13	05/01/17	\$ 5,037.00	\$ -		\$ -	\$ 5,037.00	
14	06/10/17	\$ 1,156.00	\$ -		\$ -	\$ 1,156.00	
15	N/A	\$ -	\$ -		\$ -	\$ -	
20	N/A	\$ -	\$ -		\$ -	\$ -	
Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00		
True Up 1	N/A	\$ -	\$ -		\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -		\$ -	\$ -	
Grand Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00		

Payment #	Date Payment Received	Facility Cost		ITCC	One-Time Cost		One-Time Cost (NU)	Total Cost
		\$	821.00		\$	39,382.00		
01	07/11/14	\$ 38,561.00	\$ -		\$ 2,904.00	\$ 821.00	\$ 41,465.00	
02	07/11/14	\$ 78,491.00	\$ -		\$ 6,047.00	\$ 1,709.56	\$ 84,538.00	
03	08/22/14	\$ 137,548.00	\$ -		\$ 10,676.00	\$ 3,018.23	\$ 148,224.00	
04	12/05/14	\$ 190,908.00	\$ -		\$ 14,611.00	\$ 4,130.71	\$ 205,519.00	
05	02/23/15	\$ 191,013.00	\$ -		\$ 13,878.00	\$ 3,923.48	\$ 204,891.00	
06	05/19/15	\$ 145,282.00	\$ -		\$ 9,330.00	\$ 2,637.70	\$ 154,612.00	
07	08/26/15	\$ 97,056.00	\$ -		\$ 4,944.00	\$ 1,397.73	\$ 102,000.00	
08	11/25/15	\$ 64,128.00	\$ -		\$ 2,326.00	\$ 657.59	\$ 66,454.00	
09	03/01/16	\$ 29,664.00	\$ -		\$ -	\$ -	\$ 29,664.00	
10	N/A	\$ 20,944.00	\$ -		\$ -	\$ -	\$ 20,944.00	
11	N/A	\$ 13,570.00	\$ -		\$ -	\$ -	\$ 13,570.00	
12	N/A	\$ 8,438.00	\$ -		\$ -	\$ -	\$ 8,438.00	
13	N/A	\$ 5,037.00	\$ -		\$ -	\$ -	\$ 5,037.00	
14	N/A	\$ 1,156.00	\$ -		\$ -	\$ -	\$ 1,156.00	
15	N/A	\$ -	\$ -		\$ -	\$ -	\$ -	
20	N/A	\$ -	\$ -		\$ -	\$ -	\$ -	
Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00			

In-Service Date:	Estimate	Actual	Comments/Notes
	04/13/16	04/13/16	
COD:	04/13/16	04/30/16	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
													(1)	(3)
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 3,570.84	\$ -	\$ 16.64	\$ 33.03	\$ 49.67	\$ 206.54	\$ 256.21	\$ 3,603.87	\$ 3,347.66
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 3,347.66	\$ -	\$ 16.64	\$ 33.41	\$ 50.06	\$ 206.54	\$ 256.59	\$ 3,381.08	\$ 3,124.48
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 3,124.48	\$ -	\$ 16.64	\$ 33.16	\$ 49.80	\$ 206.54	\$ 256.33	\$ 3,157.64	\$ 2,901.31
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 2,901.31	\$ -	\$ 16.64	\$ 30.40	\$ 47.05	\$ 206.54	\$ 253.58	\$ 2,931.71	\$ 2,678.13
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 2,678.13	\$ -	\$ 16.64	\$ 29.85	\$ 46.49	\$ 206.54	\$ 253.02	\$ 2,707.98	\$ 2,454.95
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 2,454.95	\$ -	\$ 16.64	\$ 29.02	\$ 45.66	\$ 206.54	\$ 252.20	\$ 2,483.97	\$ 2,231.77
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 2,231.77	\$ -	\$ 16.64	\$ 27.90	\$ 44.54	\$ 206.54	\$ 251.08	\$ 2,259.68	\$ 2,008.60
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 2,008.60	\$ -	\$ 16.64	\$ 25.66	\$ 42.30	\$ 206.54	\$ 248.83	\$ 2,034.25	\$ 1,785.42
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,785.42	\$ -	\$ 16.64	\$ 24.26	\$ 40.90	\$ 206.54	\$ 247.44	\$ 1,809.68	\$ 1,562.24
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,562.24	\$ -	\$ 16.64	\$ 23.68	\$ 40.32	\$ 206.54	\$ 246.86	\$ 1,585.92	\$ 1,339.06
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 1,339.06	\$ -	\$ 16.64	\$ 21.10	\$ 37.74	\$ 206.54	\$ 244.27	\$ 1,360.16	\$ 1,115.89
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 1,115.89	\$ -	\$ 16.64	\$ 17.44	\$ 34.08	\$ 206.54	\$ 240.61	\$ 1,133.32	\$ 892.71
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 892.71	\$ -	\$ 16.64	\$ 14.43	\$ 31.07	\$ 206.54	\$ 237.61	\$ 907.14	\$ 669.53
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 669.53	\$ -	\$ 16.64	\$ 10.94	\$ 27.58	\$ 206.54	\$ 234.12	\$ 680.47	\$ 446.35
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 446.35	\$ -	\$ 16.64	\$ 7.29	\$ 23.94	\$ 206.54	\$ 230.47	\$ 453.65	\$ 223.18
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 223.18	\$ -	\$ 16.64	\$ 3.58	\$ 20.22	\$ 206.54	\$ 226.76	\$ 226.76	\$ (0.00)
						\$ 72,995.96	\$ 332.84	\$ 332.84	\$ 403.33	\$ 736.18	\$ 4,130.71	\$ 4,866.88	\$ 73,732.13	\$ 68,865.25

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
													(1)	(3)
One-Time Costs		02/23/15	03/31/15	37	3.250%	\$ 3,923.48	\$ 12.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,936.41	\$ 3,936.41
Payment	05	04/01/15	06/30/15	91	3.250%	\$ 3,936.41	\$ 31.90	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,968.30	\$ 3,968.30
07/01/15	09/30/15	92	3.250%	\$ 3,968.30	\$ 32.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000.81	\$ 4,000.81
10/01/15	12/31/15	92	3.250%	\$ 4,000.81	\$ 32.77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,033.58	\$ 4,033.58
01/01/16	03/31/16	91	3.250%	\$ 4,033.58	\$ 32.59	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,066.18	\$ 4,066.18
04/01/16	06/30/16	91	3.460%	\$ 4,066.18	\$ 34.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,101.16	\$ 4,101.16
07/01/16	09/30/16	92	3.500%	\$ 4,101.16	\$ 36.08	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,137.24	\$ 4,137.24
10/01/16	12/31/16	92	3.500%	\$ 4,137.24	\$ 36.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,173.64	\$ 4,173.64
01-04	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 4,173.64	\$ 36.02	\$ 57.24	\$ 36.02	\$ 93.25	\$ 784.70	\$ 877.95	\$ 4,245.67	\$ 3,367.72
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 3,367.72	\$ -	\$ 14.31	\$ 31.15	\$ 45.46	\$ 196.17	\$ 241.63	\$ 3,398.87	\$ 3,157.24
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 3,157.24	\$ -	\$ 14.31	\$ 31.51	\$ 45.82	\$ 196.17	\$ 242.00	\$ 3,188.75	\$ 2,946.76
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 2,946.76	\$ -	\$ 14.31	\$ 31.27	\$ 45.58	\$ 196.17	\$ 241.75	\$ 2,978.03	\$ 2,736.28
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 2,736.28	\$ -	\$ 14.31	\$ 28.67	\$ 42.98	\$ 196.17	\$ 239.16	\$ 2,764.95	\$ 2,525.79
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 2,525.79	\$ -	\$ 14.31	\$ 28.15	\$ 42.46	\$ 196.17	\$ 238.63	\$ 2,553.94	\$ 2,315.3

Date Payment Received	Facility Cost	ITCC	One-Time Cost	Total Cost
Payment #				
01	07/11/14	\$ 38,561.00	\$ -	\$ 821.00 \$ 39,382.00
02	07/11/14	\$ 78,491.00	\$ -	\$ 1,709.56 \$ 80,200.56
03	08/22/14	\$ 137,548.00	\$ -	\$ 3,018.23 \$ 140,566.23
04	12/05/14	\$ 190,908.00	\$ -	\$ 4,130.71 \$ 195,038.71
05	02/23/15	\$ 191,013.00	\$ -	\$ 3,923.48 \$ 194,936.48
06	05/19/15	\$ 145,282.00	\$ -	\$ 2,637.70 \$ 147,919.70
07	08/26/15	\$ 97,056.00	\$ -	\$ 1,397.73 \$ 98,453.73
08	11/25/15	\$ 64,128.00	\$ -	\$ 657.59 \$ 64,785.59
09	03/01/16	\$ 29,664.00	\$ -	\$ - \$ 29,664.00
10	07/18/16	\$ 20,944.00	\$ -	\$ - \$ 20,944.00
11	10/21/16	\$ 13,570.00	\$ -	\$ - \$ 13,570.00
12	01/04/17	\$ 8,438.00	\$ -	\$ - \$ 8,438.00
13	05/01/17	\$ 5,037.00	\$ -	\$ - \$ 5,037.00
14	06/10/17	\$ 1,156.00	\$ -	\$ - \$ 1,156.00
15	N/A	\$ -	\$ -	\$ - \$ -
20	N/A	\$ -	\$ -	\$ - \$ -
	Total	\$ 1,021,796.00	\$ -	\$ 18,296.00 \$ 1,040,092.00
True Up 1	N/A	\$ -	\$ -	\$ - \$ -
True Up 2	N/A	\$ -	\$ -	\$ - \$ -
	Grand Total	\$ 1,021,796.00	\$ -	\$ 18,296.00 \$ 1,040,092.00

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost	One-Time Cost (NU)	Total Cost
01	07/11/14	\$ 38,561.00	\$ -	\$ 2,904.00	\$ 821.00	\$ 41,465.00
02	07/11/14	\$ 78,491.00	\$ -	\$ 6,047.00	\$ 1,709.56	\$ 84,538.00
03	08/22/14	\$ 137,548.00	\$ -	\$ 10,676.00	\$ 3,018.23	\$ 148,224.00
04	12/05/14	\$ 190,908.00	\$ -	\$ 14,611.00	\$ 4,130.71	\$ 205,519.00
05	02/23/15	\$ 191,013.00	\$ -	\$ 13,878.00	\$ 3,923.48	\$ 204,891.00
06	05/19/15	\$ 145,282.00	\$ -	\$ 9,330.00	\$ 2,637.70	\$ 154,612.00
07	08/26/15	\$ 97,056.00	\$ -	\$ 4,944.00	\$ 1,397.73	\$ 102,000.00
08	11/25/15	\$ 64,128.00	\$ -	\$ 2,326.00	\$ 657.59	\$ 66,454.00
09	03/01/16	\$ 29,664.00	\$ -	\$ -	\$ -	\$ 29,664.00
10	N/A	\$ 20,944.00	\$ -	\$ -	\$ -	\$ 20,944.00
11	N/A	\$ 13,570.00	\$ -	\$ -	\$ -	\$ 13,570.00
12	N/A	\$ 8,438.00	\$ -	\$ -	\$ -	\$ 8,438.00
13	N/A	\$ 5,037.00	\$ -	\$ -	\$ -	\$ 5,037.00
14	N/A	\$ 1,156.00	\$ -	\$ -	\$ -	\$ 1,156.00
		\$ 1,021,796.00	\$ -	\$ 64,716.00	\$ 18,296.00	\$ 1,086,512.00

	Estimate	Actual	Comments/Notes		
In-Service Date:	04/13/16	04/13/16			
COD:	04/13/16	04/30/16			

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)		Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)		Running Balance (3) - (E)
One-Time Costs Payment	07	08/26/15	09/30/15	36	3.250%	\$ 1,397.73	\$ 4.48	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,402.21	\$ 1,402.21	
		10/01/15	12/31/15	92	3.250%	\$ 1,402.21	\$ 11.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,413.70	\$ 1,413.70	
		01/01/16	03/31/16	91	3.250%	\$ 1,413.70	\$ 11.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,425.12	\$ 1,425.12	
		04/01/16	06/30/16	91	3.460%	\$ 1,425.12	\$ 12.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,437.38	\$ 1,437.38	
		07/01/16	09/30/16	92	3.500%	\$ 1,437.38	\$ 12.65	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,450.03	\$ 1,450.03	
		10/01/16	12/31/16	92	3.500%	\$ 1,450.03	\$ 12.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,462.78	\$ 1,462.78	
01-04	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,462.78	\$ 12.62	\$ 15.54	\$ 12.62	\$ 28.16	\$ 279.55	\$ 307.71	\$ 1,488.03	\$ 1,180.32		
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,180.32	\$ -	\$ 3.88	\$ 10.92	\$ 14.80	\$ 69.89	\$ 84.69	\$ 1,191.24	\$ 1,106.55		
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,106.55	\$ -	\$ 3.88	\$ 11.04	\$ 14.93	\$ 69.89	\$ 84.82	\$ 1,117.60	\$ 1,032.78		

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	07/11/14	\$ 38,561.00	\$ -	\$ 821.00	\$ 39,382.00
02	07/11/14	\$ 78,491.00	\$ -	\$ 1,709.56	\$ 80,200.56
03	08/22/14	\$ 137,548.00	\$ -	\$ 3,018.23	\$ 140,566.23
04	12/05/14	\$ 190,908.00	\$ -	\$ 4,130.71	\$ 195,038.71
05	02/23/15	\$ 191,013.00	\$ -	\$ 3,923.48	\$ 194,936.48
06	05/19/15	\$ 145,282.00	\$ -	\$ 2,637.70	\$ 147,919.70
07	08/26/15	\$ 97,056.00	\$ -	\$ 1,397.73	\$ 98,453.73
08	11/25/15	\$ 64,128.00	\$ -	\$ 657.59	\$ 64,785.59
09	03/01/16	\$ 29,664.00	\$ -	\$ -	\$ 29,664.00
10	07/18/16	\$ 20,944.00	\$ -	\$ -	\$ 20,944.00
11	10/21/16	\$ 13,570.00	\$ -	\$ -	\$ 13,570.00
12	01/04/17	\$ 8,438.00	\$ -	\$ -	\$ 8,438.00
13	05/01/17	\$ 5,037.00	\$ -	\$ -	\$ 5,037.00
14	06/10/17	\$ 1,156.00	\$ -	\$ -	\$ 1,156.00
15	N/A	\$ -	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -	\$ -
Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
Grand Total		\$ 1,021,796.00	\$ -	\$ 18,296.00	\$ 1,040,092.00

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	One-Time Cost (NU)	Total Cost
01	07/11/14	\$ 38,561.00	\$ -	\$ 2,904.00	\$ 821.00	\$ 41,465.00
02	07/11/14	\$ 78,491.00	\$ -	\$ 6,047.00	\$ 1,709.56	\$ 84,538.00
03	08/22/14	\$ 137,548.00	\$ -	\$ 10,676.00	\$ 3,018.23	\$ 148,224.00
04	12/05/14	\$ 190,908.00	\$ -	\$ 14,611.00	\$ 4,130.71	\$ 205,519.00
05	02/23/15	\$ 191,013.00	\$ -	\$ 13,878.00	\$ 3,923.48	\$ 204,891.00
06	05/19/15	\$ 145,282.00	\$ -	\$ 9,330.00	\$ 2,637.70	\$ 154,612.00
07	08/26/15	\$ 97,056.00	\$ -	\$ 4,944.00	\$ 1,397.73	\$ 102,000.00
08	11/25/15	\$ 64,128.00	\$ -	\$ 2,326.00	\$ 657.59	\$ 66,454.00
09	03/01/16	\$ 29,664.00	\$ -	\$ -	\$ -	\$ 29,664.00
10	N/A	\$ 20,944.00	\$ -	\$ -	\$ -	\$ 20,944.00
11	N/A	\$ 13,570.00	\$ -	\$ -	\$ -	\$ 13,570.00
12	N/A	\$ 8,438.00	\$ -	\$ -	\$ -	\$ 8,438.00
13	N/A	\$ 5,037.00	\$ -	\$ -	\$ -	\$ 5,037.00
14	N/A	\$ 1,156.00	\$ -	\$ -	\$ -	\$ 1,156.00
		\$ 1,021,796.00	\$ -	\$ 64,716.00	\$ 18,296.00	\$ 1,086,512.00

In-Service Date: COD:	Estimate	Actual	Comments/Notes
	04/13/16	04/13/16	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
													(1) + (2) + (B) = (3)	(3) - (E)
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,032.78	\$ -	\$ 3.88	\$ 10.96	\$ 14.84	\$ 69.89	\$ 84.73	\$ 1,043.74	\$ 959.01
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 959.01	\$ -	\$ 3.88	\$ 10.05	\$ 13.93	\$ 69.89	\$ 83.82	\$ 969.06	\$ 885.24
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 885.24	\$ -	\$ 3.88	\$ 9.87	\$ 13.75	\$ 69.89	\$ 83.64	\$ 895.11	\$ 811.47
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 811.47	\$ -	\$ 3.88	\$ 9.59	\$ 13.48	\$ 69.89	\$ 83.36	\$ 821.07	\$ 737.70
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 737.70	\$ -	\$ 3.88	\$ 9.22	\$ 13.11	\$ 69.89	\$ 82.99	\$ 746.93	\$ 663.93
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 663.93	\$ -	\$ 3.88	\$ 8.48	\$ 12.36	\$ 69.89	\$ 82.25	\$ 672.41	\$ 590.16
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 590.16	\$ -	\$ 3.88	\$ 8.02	\$ 11.90	\$ 69.89	\$ 81.79	\$ 598.18	\$ 516.39
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 516.39	\$ -	\$ 3.88	\$ 7.83	\$ 11.71	\$ 69.89	\$ 81.60	\$ 524.22	\$ 442.62
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 442.62	\$ -	\$ 3.88	\$ 6.97	\$ 10.86	\$ 69.89	\$ 80.74	\$ 449.60	\$ 368.85
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 368.85	\$ -	\$ 3.88	\$ 5.76	\$ 9.65	\$ 69.89	\$ 79.53	\$ 374.61	\$ 295.08
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 295.08	\$ -	\$ 3.88	\$ 4.77	\$ 8.65	\$ 69.89	\$ 78.54	\$ 299.85	\$ 221.31
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 221.31	\$ -	\$ 3.88	\$ 3.62	\$ 7.50	\$ 69.89	\$ 77.39	\$ 224.93	\$ 147.54
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 147.54	\$ -	\$ 3.88	\$ 2.41	\$ 6.30	\$ 69.89	\$ 76.18	\$ 149.95	\$ 73.77
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 73.77	\$ -	\$ 3.88	\$ 1.18	\$ 5.07	\$ 69.89	\$ 74.95	\$ 74.95	\$ 0.00
						\$ 20,021.70	\$ 77.68	\$ 133.32	\$ 211.00	\$ 1,397.73	\$ 1,608.73	\$ 20,232.70	\$ 18,623.97	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
													(1) + (2) + (B) = (3)	(3) - (E)
One-Time Costs		11/25/15	12/31/15	37	3.250%	\$ 657.59	\$ 2.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 659.75	\$ 659.75
Payment	08	01/01/16	03/31/16	91	3.250%	\$ 659.75	\$ 5.33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 665.09	\$ 665.09
		04/01/16	06/30/16	91	3.460%	\$ 665.09	\$ 5.72	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 670.81	\$ 670.81
		07/01/16	09/30/16	92	3.500%	\$ 670.81	\$ 5.90	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 676.71	\$ 676.71
		10/01/16	12/31/16	92	3.500%	\$ 676.71	\$ 5.95	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 682.66	\$ 682.66
01-04	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 682.66	\$ 5.89	\$ 6.19	\$ 5.89	\$ 12.08	\$ 131.52	\$ 143.60	\$ 694.45	\$ 550.84
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 550.84	\$ -	\$ 1.55	\$ 5.10	\$ 6.64	\$ 32.88	\$ 39.52	\$ 555.94	\$ 516.42
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 516.42	\$ -	\$ 1.55	\$ 5.15	\$ 6.70	\$ 32.88	\$ 39.58	\$ 521.57	\$ 481.99
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 481.99	\$ -	\$ 1.55	\$ 5.11	\$ 6.66	\$ 32.88	\$ 39.54	\$ 487.10	\$ 447.56
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 447.56	\$ -	\$ 1.55	\$ 4.69	\$ 6.24	\$ 32.88	\$ 39.12	\$ 452.25	\$ 413.13
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 413.13	\$ -	\$ 1.55	\$ 4.60	\$ 6.15	\$ 32.88	\$ 39.03	\$ 417.74	\$ 378.70
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 378.70	\$ -	\$ 1.55	\$ 4.48	\$ 6.03	\$ 32.88	\$ 38.90	\$ 383.18	\$ 344.28
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 344.28	\$ -	\$ 1.55	\$ 4.30	\$ 5.85	\$ 32.88	\$ 38.73	\$ 348.58	\$ 309.85
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 309.85	\$ -	\$ 1.55	\$ 3.96	\$ 5.51	\$ 32.88	\$ 38.39	\$ 313.81	\$ 275.42
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 275.42	\$ -	\$ 1.55	\$ 3.74	\$ 5.29	\$ 32.88	\$ 38.17	\$ 279.16	\$ 240.99
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 240.99	\$ -	\$ 1.55	\$ 3.65	\$ 5.20	\$ 32.88	\$ 38.08	\$ 244.65	\$ 206.57
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 206.57	\$ -	\$ 1.55	\$ 3.25	\$ 4.80	\$ 32.88	\$ 37.68	\$ 209.82	\$ 172.14
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 172.14	\$ -	\$ 1.55	\$ 2.69	\$ 4.24	\$ 32.88	\$ 37.12	\$ 174.83	\$ 137.71
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 137.71	\$ -	\$ 1.55	\$ 2.23	\$ 3.77	\$ 32.88	\$ 36.65	\$ 139.94	\$ 103.28
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 103.28	\$ -	\$ 1.55	\$ 1.69	\$ 3.24	\$ 32.88	\$ 36.12	\$ 104.97	\$ 68.86
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 68.86	\$ -	\$ 1.55	\$ 1.13	\$ 2.67	\$ 32.88	\$ 35.55	\$ 69.98	\$ 34.43
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 34.43	\$ -	\$ 1.55	\$ 0.55	\$ 2.10	\$ 32.88	\$ 34.98	\$ 34.98	(0.00)
						\$ 8,694.78	\$ 30.97	\$ 62.22	\$ 93.18	\$ 657.59	\$ 750.77			

Payment #	Date Received	Facility Cost		One-Time Cost		Total Cost
		ITCC				
01	07/15/14	\$ 468,396.00	\$ -	\$ 2,430.00	\$ 470,826.00	
	Total	\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00	
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	
	Grand Total	\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00	

In-Service Date:	Estimate	Actual	Comments/Notes
	05/01/16	05/01/16	
	COD:	05/30/16	10/31/16

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
N/A	Q2/2016	05/01/16	06/30/16	61	3.460%	\$ 5,682,656.00	\$ 32,769.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,715,425.98	\$ 5,715,425.98
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 5,715,425.98	\$ 50,283.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,765,709.24	\$ 5,765,709.24
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 5,765,709.24	\$ 50,725.64	\$ 6,688.94	\$ -	\$ 6,688.94	\$ 284,132.80	\$ 290,821.74	\$ 5,816,434.88	\$ 5,525,613.13
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 5,525,613.13	\$ -	\$ 6,688.94	\$ 47,686.80	\$ 54,375.74	\$ 284,132.80	\$ 338,508.54	\$ 5,573,299.93	\$ 5,234,791.39
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 5,234,791.39	\$ -	\$ 6,688.94	\$ 48,419.67	\$ 55,108.61	\$ 284,132.80	\$ 339,241.06	\$ 5,283,211.06	\$ 4,943,969.65
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 4,943,969.65	\$ -	\$ 6,688.94	\$ 49,347.59	\$ 56,036.53	\$ 284,132.80	\$ 340,169.33	\$ 4,993,317.24	\$ 4,653,147.90
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 4,653,147.90	\$ -	\$ 6,688.94	\$ 49,376.91	\$ 56,065.85	\$ 284,132.80	\$ 340,198.65	\$ 4,702,524.81	\$ 4,362,326.16
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 4,362,326.16	\$ -	\$ 6,688.94	\$ 45,714.79	\$ 52,403.73	\$ 284,132.80	\$ 336,536.53	\$ 4,408,040.95	\$ 4,071,504.41
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 4,071,504.41	\$ -	\$ 6,688.94	\$ 45,374.41	\$ 52,063.35	\$ 284,132.80	\$ 336,196.15	\$ 4,116,878.82	\$ 3,780,682.67
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 3,780,682.67	\$ -	\$ 6,688.94	\$ 44,692.85	\$ 51,381.79	\$ 284,132.80	\$ 335,514.59	\$ 3,825,375.52	\$ 3,489,860.93
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 3,489,860.93	\$ -	\$ 6,688.94	\$ 43,629.95	\$ 50,318.90	\$ 284,132.80	\$ 334,451.70	\$ 3,533,490.88	\$ 3,199,039.18
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 3,199,039.18	\$ -	\$ 6,688.94	\$ 40,860.06	\$ 47,549.00	\$ 284,132.80	\$ 331,681.80	\$ 3,239,899.24	\$ 2,908,217.44
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 2,908,217.44	\$ -	\$ 6,688.94	\$ 39,515.90	\$ 46,204.85	\$ 284,132.80	\$ 330,337.65	\$ 2,947,733.34	\$ 2,617,395.69
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 2,617,395.69	\$ -	\$ 6,688.94	\$ 39,671.79	\$ 46,360.74	\$ 284,132.80	\$ 330,493.54	\$ 2,657,067.49	\$ 2,326,573.95
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 2,326,573.95	\$ -	\$ 6,688.94	\$ 36,654.86	\$ 43,343.81	\$ 284,132.80	\$ 327,476.61	\$ 2,363,228.81	\$ 2,035,752.21
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 2,035,752.21	\$ -	\$ 6,688.94	\$ 31,807.67	\$ 38,496.61	\$ 284,132.80	\$ 322,629.41	\$ 2,067,559.88	\$ 1,744,930.46
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 1,744,930.46	\$ -	\$ 6,688.94	\$ 28,209.32	\$ 34,898.26	\$ 284,132.80	\$ 319,031.06	\$ 1,773,139.78	\$ 1,454,108.72
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 1,454,108.72	\$ -	\$ 6,688.94	\$ 23,762.96	\$ 30,451.90	\$ 284,132.80	\$ 314,584.70	\$ 1,477,871.68	\$ 1,163,286.98
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 1,163,286.98	\$ -	\$ 6,688.94	\$ 19,011.24	\$ 25,700.18	\$ 284,132.80	\$ 309,832.98	\$ 1,182,298.21	\$ 872,465.23
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 872,465.23	\$ -	\$ 6,688.94	\$ 13,986.68	\$ 20,675.62	\$ 284,132.80	\$ 304,808.42	\$ 886,451.91	\$ 581,643.49
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 581,643.49	\$ -	\$ 6,688.94	\$ 9,428.06	\$ 16,117.00	\$ 284,132.80	\$ 300,249.80	\$ 591,071.54	\$ 290,821.74
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 290,821.74	\$ -	\$ 6,688.94	\$ 4,765.83	\$ 11,454.77	\$ 284,132.80	\$ 295,587.57	\$ 295,587.57	\$ 0.00

\$ 72,419,922.56 \$ 133,778.88 \$ 133,778.88 \$ 661,917.33 \$ 795,696.20 \$ 5,682,656.00 \$ 6,478,352.20 \$ 73,215,618.76 \$ 66,737,266.56

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs		07/15/14	09/30/14	78	3.250%	\$ 2,430.00	\$ 16.88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,446.88	\$ 2,446.88
Payment 01	10/01/14	12/31/14	92	3.250%	\$ 2,446.88	\$ 20.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,466.92	\$ 2,466.92
	01/01/15	03/31/15	90	3.250%	\$ 2,466.92	\$ 19.77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,486.69	\$ 2,486.69
	04/01/15	06/30/15	91	3.250%	\$ 2,486.69	\$ 20.15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,506.84	\$ 2,506.84
	07/01/15	09/30/15	92	3.250%	\$ 2,506.84	\$ 20.54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,527.37	\$ 2,527.37
	10/01/15	12/31/15	92	3.250%	\$ 2,527.37	\$ 20.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,548.08	\$ 2,548.08
	01/01/16	03/31/16	91	3.250%	\$ 2,548.08	\$ 20.59	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,568.67	\$ 2,568.67
	04/01/16	06/30/16	91	3.460%	\$ 2,568.67	\$ 22.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,590.77	\$ 2,590.77
	07/01/16	09/30/16	92	3.500%	\$ 2,590.77	\$ 22.79	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,613.56	\$ 2,613.56
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 2,613.56	\$ 22.99	\$ 10.33	\$ -	\$ 10.33	\$ 121.50	\$ 131.83	\$ 2,636.55	\$ 2,604.73
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,504.73	\$ -	\$ 10.33	\$ 21.62	\$ 31.94	\$ 121.50	\$ 153.44	\$ 2,526.34	\$ 2,372.90
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,372.90	\$ -	\$ 10.33	\$ 21.95	\$ 32.28	\$ 121.50	\$ 153.78	\$ 2,394.85	\$ 2,241.07
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,241.07	\$ -	\$ 10.33	\$ 22.37	\$ 32.70	\$ 121.50	\$ 154.20	\$ 2,263.44	\$ 2,109.24
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 2,109.24	\$ -	\$ 10.33	\$ 22.38	\$ 32.71	\$ 121.50	\$ 154.21	\$ 2,131.62	\$ 1,977.41
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,977.41	\$ -	\$ 10.33	\$ 20.72	\$ 31.05	\$ 121.50	\$ 152.55	\$ 1,998.14	\$ 1,845.59
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,845.59	\$ -	\$ 10.33	\$ 20.57	\$ 30.90	\$ 121.50	\$ 152.40	\$ 1,866.15	\$ 1,713.76
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,713.76	\$ -	\$ 10.33	\$ 20.26	\$ 30.59	\$ 121.50	\$ 152.09	\$ 1,734.02	\$ 1,581.93
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,581.93	\$ -	\$ 10.33	\$ 19.78	\$ 30.10	\$ 121.50	\$ 151.60	\$ 1,601.71	\$ 1,450.10
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,450.10	\$ -	\$ 10.33	\$ 18.52	\$ 28.85	\$ 121.50	\$ 150.35	\$ 1,468.63	\$ 1,318.28
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,318.28	\$ -	\$ 10.33	\$ 17.91	\$ 28.24	\$ 121.50	\$ 149.74	\$ 1,336.19	\$ 1,186.45
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,186.45	\$ -	\$ 10.33	\$ 17.98	\$ 28.31	\$ 121.50	\$ 149.81	\$ 1,204.43	\$ 1,054.62
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 1,054.62	\$ -	\$ 10.33	\$ 16.62	\$ 26.94	\$ 121.50	\$ 148.44	\$ 1,071.24	\$ 922.79
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 922.79	\$ -	\$ 10.33	\$ 14.42	\$ 24.75	\$ 121.50	\$ 146.25	\$ 937.21	\$ 790.97
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 790.97	\$ -	\$ 10.33</td						

Payment #	Date Payment Received		Facility Cost	ITCC	One-Time Cost		Total Cost
	07/15/14	\$ 468,396.00			-	\$ 2,430.00	\$ 470,826.00
Total		\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00		
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
		Grand Total	\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00	

In-Service Date:	Estimate	Actual	Comments/Notes	
	05/01/16	05/01/16		
COD:	05/30/16	10/31/16		

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
													Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs	07/15/14	09/30/14	78	3.250%	\$ 1,109.00	\$ 7.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,116.70	\$ 1,116.70
Payment	02	10/01/14	12/31/14	92	3.250%	\$ 1,116.70	\$ 9.15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,125.85	\$ 1,125.85
01/01/15	03/31/15	90	3.250%	\$ 1,125.85	\$ 9.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,134.87	\$ 1,134.87
04/01/15	06/30/15	91	3.250%	\$ 1,134.87	\$ 9.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,144.07	\$ 1,144.07
07/01/15	09/30/15	92	3.250%	\$ 1,144.07	\$ 9.37	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,153.44	\$ 1,153.44
10/01/15	12/31/15	92	3.250%	\$ 1,153.44	\$ 9.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,162.89	\$ 1,162.89
01/01/16	03/31/16	91	3.250%	\$ 1,162.89	\$ 9.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,172.29	\$ 1,172.29
04/01/16	06/30/16	91	3.460%	\$ 1,172.29	\$ 10.08	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,182.37	\$ 1,182.37
07/01/16	09/30/16	92	3.500%	\$ 1,182.37	\$ 10.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,192.77	\$ 1,192.77
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,192.77	\$ 10.49	\$ 4.71	\$ -	\$ 4.71	\$ 55.45	\$ 60.16	\$ 1,203.27	\$ 1,143.10
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,143.10	\$ -	\$ 4.71	\$ 9.87	\$ 14.58	\$ 55.45	\$ 70.03	\$ 1,152.97	\$ 1,082.94
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,082.94	\$ -	\$ 4.71	\$ 10.02	\$ 14.73	\$ 55.45	\$ 70.18	\$ 1,092.96	\$ 1,022.78
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,022.78	\$ -	\$ 4.71	\$ 10.21	\$ 14.92	\$ 55.45	\$ 70.37	\$ 1,032.99	\$ 962.61
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 962.61	\$ -	\$ 4.71	\$ 10.21	\$ 14.93	\$ 55.45	\$ 70.38	\$ 972.83	\$ 902.45
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 902.45	\$ -	\$ 4.71	\$ 9.46	\$ 14.17	\$ 55.45	\$ 69.62	\$ 911.91	\$ 842.29
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 842.29	\$ -	\$ 4.71	\$ 9.39	\$ 14.10	\$ 55.45	\$ 69.55	\$ 851.67	\$ 782.12
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 782.12	\$ -	\$ 4.71	\$ 9.25	\$ 13.96	\$ 55.45	\$ 69.41	\$ 791.37	\$ 721.96
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 721.96	\$ -	\$ 4.71	\$ 9.03	\$ 13.74	\$ 55.45	\$ 69.19	\$ 730.99	\$ 661.80
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 661.80	\$ -	\$ 4.71	\$ 8.45	\$ 13.17	\$ 55.45	\$ 68.62	\$ 670.25	\$ 601.63
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 601.63	\$ -	\$ 4.71	\$ 8.17	\$ 12.89	\$ 55.45	\$ 68.34	\$ 609.81	\$ 541.47
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 541.47	\$ -	\$ 4.71	\$ 8.21	\$ 12.92	\$ 55.45	\$ 68.37	\$ 549.68	\$ 481.31
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 481.31	\$ -	\$ 4.71	\$ 7.58	\$ 12.30	\$ 55.45	\$ 67.75	\$ 488.89	\$ 421.14
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 421.14	\$ -	\$ 4.71	\$ 6.58	\$ 11.29	\$ 55.45	\$ 66.74	\$ 427.72	\$ 360.98
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 360.98	\$ -	\$ 4.71	\$ 5.84	\$ 10.55	\$ 55.45	\$ 66.00	\$ 366.82	\$ 300.82
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 300.82	\$ -	\$ 4.71	\$ 4.92	\$ 9.63	\$ 55.45	\$ 65.08	\$ 305.73	\$ 240.65
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 240.65	\$ -	\$ 4.71	\$ 3.93	\$ 8.65	\$ 55.45	\$ 64.10	\$ 244.59	\$ 180.49
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 180.49	\$ -	\$ 4.71	\$ 2.89	\$ 7.61	\$ 55.45	\$ 63.06	\$ 183.38	\$ 120.33
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 120.33	\$ -	\$ 4.71	\$ 1.95	\$ 6.66	\$ 55.45	\$ 62.11	\$ 122.28	\$ 60.16
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 60.16	\$ -	\$ 4.71	\$ 0.99	\$ 5.70	\$ 55.45	\$ 61.15	\$ 61.15	(0.00)
						\$ 22,925.28	\$ 94.27	\$ 94.27	\$ 136.93	\$ 231.20	\$ 1,109.00	\$ 1,340.20	\$ 23,156.48	\$ 21,816.28

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
													Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs	08/06/14	09/30/14	56	3.250%	\$ 1,383.00	\$ 6.90	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,389.90	\$ 1,389.90
Payment	03	10/01/14	12/31/14	92	3.250%	\$ 1,389.90	\$ 11.39	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,401.28	\$ 1,401.28
01/01/15	03/31/15	90	3.250%	\$ 1,401.28	\$ 11.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,412.51	\$ 1,412.51
04/01/15	06/30/15	91	3.250%	\$ 1,412.51	\$ 11.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,423.96	\$ 1,423.96
07/01/15	09/30/15	92	3.250%	\$ 1,423.96	\$ 11.66	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,435.62	\$ 1,435.62
10/01/15	12/31/15	92	3.250%	\$ 1,435.62	\$ 11.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,447.38	\$ 1,447.38
01/01/16	03/31/16	91	3.250%	\$ 1,447.38	\$ 11.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,459.08	\$ 1,459.08
04/01/16	06/30/16	91	3.460%	\$ 1,459.08	\$ 12.55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,471.63	\$ 1,471.63
07/01/16	09/30/16	92	3.500%	\$ 1,471.63	\$ 12.95	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,484.58	\$ 1,484.58
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,484.58	\$ 13.06	\$ 5.73	\$ -	\$ 5.73	\$ 69.15	\$ 74.88	\$ 1,497.64	\$ 1,422.76
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,422.76	\$ -	\$ 5.73	\$ 12.28	\$ 18.01	\$ 69.15	\$ 87.16	\$ 1,435.03	\$ 1,347.87
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,347.87	\$ -	\$ 5.73	\$ 12.47	\$ 18.20	\$ 69.15	\$ 87.35	\$ 1,360.34	\$ 1,272.99
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,272.99	\$ -	\$ 5.73	\$ 12.71	\$ 18.44	\$ 69.15	\$ 87.59	\$ 1,285.70	\$ 1,198.11
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,198.11	\$ -	\$ 5.73	\$ 12.71	\$ 18.45	\$ 69.15	\$ 87.60	\$ 1,210.82	\$ 1,123.23
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,123.23	\$ -	\$ 5.73	\$ 11.77	\$ 17.50	\$ 69.15	\$ 86.65	\$ 1,135.00	\$ 1,048.35
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,048.35	\$ -	\$ 5.73	\$ 11.68	\$ 17.42	\$ 69.15	\$ 86.57	\$ 1,060.03	\$ 973.46
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 973.46	\$ -	\$ 5.73	\$ 11.51	\$ 17.24	\$ 69.15	\$ 86.39	\$ 984.97	\$ 898.58
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 898.58	\$ -	\$ 5.73	\$ 11.23	\$ 16.97	\$ 69.15	\$ 86.12	\$ 909.82	\$ 823.70
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 823.70	\$ -	\$ 5.73	\$ 10.52	\$ 16.25	\$ 69.15	\$ 85.40	\$ 834.22	\$ 748.82
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 748.82	\$ -	\$ 5.73	\$ 10.17	\$ 15.91	\$ 69.15	\$ 85.06	\$ 758.99	\$ 673.94
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 673.94	\$ -	\$ 5.73	\$ 10.21	\$ 15.95	\$ 69.15	\$ 85.10	\$ 684.15	\$ 599.05

Payment #	Date Payment Received		Facility Cost	ITCC	One-Time Cost		Total Cost
	07/15/14	\$ 468,396.00			-	\$ 2,430.00	\$ 470,826.00
Total		\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00		
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
		Grand Total	\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00	

In-Service Date:	Estimate	Actual	Comments/Notes	
	05/01/16	05/01/16		
COD:	05/30/16	10/31/16		

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)		Running Balance (3) - (E)
													(1)	(2)	
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 599.05	\$ -	\$ 5.73	\$ 9.44	\$ 15.17	\$ 69.15	\$ 84.32	\$ 608.49	\$ 524.17	
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 524.17	\$ -	\$ 5.73	\$ 8.19	\$ 13.92	\$ 69.15	\$ 83.07	\$ 532.36	\$ 449.29	
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 449.29	\$ -	\$ 5.73	\$ 7.26	\$ 13.00	\$ 69.15	\$ 82.15	\$ 456.55	\$ 374.41	
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 374.41	\$ -	\$ 5.73	\$ 6.12	\$ 11.85	\$ 69.15	\$ 81.00	\$ 380.53	\$ 299.53	
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 299.53	\$ -	\$ 5.73	\$ 4.90	\$ 10.63	\$ 69.15	\$ 79.78	\$ 304.42	\$ 224.65	
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 224.65	\$ -	\$ 5.73	\$ 3.60	\$ 9.33	\$ 69.15	\$ 78.48	\$ 228.25	\$ 149.76	
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 149.76	\$ -	\$ 5.73	\$ 2.43	\$ 8.16	\$ 69.15	\$ 77.31	\$ 152.19	\$ 74.88	
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 74.88	\$ -	\$ 5.73	\$ 1.23	\$ 6.96	\$ 69.15	\$ 76.11	\$ 76.11	\$ (0.00)	
						\$ 28,536.49	\$ 114.64	\$ 114.64	\$ 170.43	\$ 285.07	\$ 1,383.00	\$ 1,668.07	\$ 28,821.56	\$ 27,153.49	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)		Running Balance (3) - (E)	
													(1)	(2)		
One-Time Costs		09/05/14	09/30/14	26	3.250%	\$ 1,675.50	\$ 3.88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,679.38	\$ 1,679.38		
Payment 04	10/01/14	12/31/14	92	3.250%	\$ 1,679.38	\$ 13.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,693.14	\$ 1,693.14		
	01/01/15	03/31/15	90	3.250%	\$ 1,693.14	\$ 13.57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,706.70	\$ 1,706.70		
	04/01/15	06/30/15	91	3.250%	\$ 1,706.70	\$ 13.83	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,720.53	\$ 1,720.53		
	07/01/15	09/30/15	92	3.250%	\$ 1,720.53	\$ 14.09	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,734.63	\$ 1,734.63		
	10/01/15	12/31/15	92	3.250%	\$ 1,734.63	\$ 14.21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,748.84	\$ 1,748.84		
	01/01/16	03/31/16	91	3.250%	\$ 1,748.84	\$ 14.13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,762.97	\$ 1,762.97		
	04/01/16	06/30/16	91	3.460%	\$ 1,762.97	\$ 15.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,778.14	\$ 1,778.14		
	07/01/16	09/30/16	92	3.500%	\$ 1,778.14	\$ 15.64	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,793.78	\$ 1,793.78		
	01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,793.78	\$ 15.78	\$ 6.70	\$ -	\$ 6.70	\$ 83.78	\$ 90.48	\$ 1,809.56	\$ 1,719.08	
	02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,719.08	\$ -	\$ 6.70	\$ 14.84	\$ 21.54	\$ 83.78	\$ 105.31	\$ 1,733.92	\$ 1,628.60	
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,628.60	\$ -	\$ 6.70	\$ 15.06	\$ 21.77	\$ 83.78	\$ 105.54	\$ 1,643.67	\$ 1,538.13		
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,538.13	\$ -	\$ 6.70	\$ 15.35	\$ 22.06	\$ 83.78	\$ 105.83	\$ 1,553.48	\$ 1,447.65		
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,447.65	\$ -	\$ 6.70	\$ 15.36	\$ 22.06	\$ 83.78	\$ 105.84	\$ 1,463.01	\$ 1,357.17		
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,357.17	\$ -	\$ 6.70	\$ 14.22	\$ 20.93	\$ 83.78	\$ 104.70	\$ 1,371.39	\$ 1,266.69		
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,266.69	\$ -	\$ 6.70	\$ 14.12	\$ 20.82	\$ 83.78	\$ 104.59	\$ 1,280.81	\$ 1,176.21		
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,176.21	\$ -	\$ 6.70	\$ 13.90	\$ 20.61	\$ 83.78	\$ 104.38	\$ 1,190.12	\$ 1,085.74		
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,085.74	\$ -	\$ 6.70	\$ 13.57	\$ 20.28	\$ 83.78	\$ 104.05	\$ 1,099.31	\$ 995.26		
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 995.26	\$ -	\$ 6.70	\$ 12.71	\$ 19.42	\$ 83.78	\$ 103.19	\$ 1,007.97	\$ 904.78		
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 904.78	\$ -	\$ 6.70	\$ 12.29	\$ 19.00	\$ 83.78	\$ 102.77	\$ 917.07	\$ 814.30		
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 814.30	\$ -	\$ 6.70	\$ 12.34	\$ 19.05	\$ 83.78	\$ 102.82	\$ 826.64	\$ 723.82		
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 723.82	\$ -	\$ 6.70	\$ 11.40	\$ 18.11	\$ 83.78	\$ 101.88	\$ 735.23	\$ 633.35		
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 633.35	\$ -	\$ 6.70	\$ 9.90	\$ 16.60	\$ 83.78	\$ 100.37	\$ 643.24	\$ 542.87		
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 542.87	\$ -	\$ 6.70	\$ 8.78	\$ 15.48	\$ 83.78	\$ 99.25	\$ 551.64	\$ 452.39		
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 452.39	\$ -	\$ 6.70	\$ 7.39	\$ 14.10	\$ 83.78	\$ 97.87	\$ 459.78	\$ 361.91		
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 361.91	\$ -	\$ 6.70	\$ 5.91	\$ 12.62	\$ 83.78	\$ 96.39	\$ 367.83	\$ 271.43		
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 271.43	\$ -	\$ 6.70	\$ 4.35	\$ 11.05	\$ 83.78	\$ 94.83	\$ 275.79	\$ 180.96		
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 180.96	\$ -	\$ 6.70	\$ 2.93	\$ 9.64	\$ 83.78	\$ 93.41	\$ 183.89	\$ 90.48		
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 90.48	\$ -	\$ 6.70	\$ 1.48	\$ 8.19	\$ 83.78	\$ 91.96	\$ 91.96	\$ 0.00		
						\$ 34,484.42	\$ 134.06	\$ 134.06	\$ 205.93	\$ 339.99	\$ 98.10	\$ 105.62	\$ 2,112.41	\$ 2,006.79		
													\$ 34,824.41	\$ 32,808.92		

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)		Running Balance (3) - (E)
													(1)	(2)	
One-Time Costs		10/10/14	12/31/14	83	3.250%	\$ 1,962.00	\$ 14.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,976.50	\$ 1,976.50	
Payment 05	01/01/15	03/31/15	90	3.250%	\$ 1,976.50	\$ 15.84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,992.34	\$ 1,992.34	
	04/01/15	06/30/15	91	3.250%	\$ 1,992.34	\$ 16.14	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,008.48	\$ 2,008.48	
	07/01/15	09/30/15	92	3.250%	\$ 2,008.48	\$ 16.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,024.94	\$ 2,024.94	
	10/01/15	12/31/15	92	3.250%	\$ 2,024.94	\$ 16.59	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,041.52	\$ 2,041.52	
	01/01/1														

Payment #	Date Payment Received		Facility Cost	ITCC	One-Time Cost		Total Cost
	07/15/14	\$ 468,396.00			-	\$ 2,430.00	\$ 470,826.00
Total		\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00		
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
		Grand Total	\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00	

In-Service Date:	Estimate	Actual	Comments/Notes
	COD:	05/30/16	10/31/16

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due		Running Balance (3) - (E)
													(1) + (2) + (B) = (3)	(3) - (E)	
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,795.55	\$ -	\$ 7.52	\$ 17.92	\$ 25.44	\$ 98.10	\$ 123.54	\$ 1,813.47	\$ 1,689.93	
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,689.93	\$ -	\$ 7.52	\$ 17.93	\$ 25.45	\$ 98.10	\$ 123.55	\$ 1,707.86	\$ 1,584.31	
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,584.31	\$ -	\$ 7.52	\$ 16.60	\$ 24.12	\$ 98.10	\$ 122.22	\$ 1,600.91	\$ 1,478.69	
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,478.69	\$ -	\$ 7.52	\$ 16.48	\$ 24.00	\$ 98.10	\$ 122.10	\$ 1,495.17	\$ 1,373.07	
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,373.07	\$ -	\$ 7.52	\$ 16.23	\$ 23.75	\$ 98.10	\$ 121.85	\$ 1,389.30	\$ 1,267.45	
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,267.45	\$ -	\$ 7.52	\$ 15.85	\$ 23.37	\$ 98.10	\$ 121.47	\$ 1,283.29	\$ 1,161.82	
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,161.82	\$ -	\$ 7.52	\$ 14.84	\$ 22.36	\$ 98.10	\$ 120.46	\$ 1,176.66	\$ 1,056.20	
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,056.20	\$ -	\$ 7.52	\$ 14.35	\$ 21.87	\$ 98.10	\$ 119.97	\$ 1,070.56	\$ 950.58	
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 950.58	\$ -	\$ 7.52	\$ 14.41	\$ 21.93	\$ 98.10	\$ 120.03	\$ 964.99	\$ 844.96	
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 844.96	\$ -	\$ 7.52	\$ 13.31	\$ 20.83	\$ 98.10	\$ 118.93	\$ 858.28	\$ 739.34	
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 739.34	\$ -	\$ 7.52	\$ 11.55	\$ 19.07	\$ 98.10	\$ 117.17	\$ 750.90	\$ 633.72	
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 633.72	\$ -	\$ 7.52	\$ 10.25	\$ 17.77	\$ 98.10	\$ 115.87	\$ 643.97	\$ 528.10	
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 528.10	\$ -	\$ 7.52	\$ 8.63	\$ 16.15	\$ 98.10	\$ 114.25	\$ 536.73	\$ 422.48	
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 422.48	\$ -	\$ 7.52	\$ 6.90	\$ 14.42	\$ 98.10	\$ 112.52	\$ 429.39	\$ 316.86	
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 316.86	\$ -	\$ 7.52	\$ 5.08	\$ 12.60	\$ 98.10	\$ 110.70	\$ 321.94	\$ 211.24	
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 211.24	\$ -	\$ 7.52	\$ 3.42	\$ 10.94	\$ 98.10	\$ 109.04	\$ 214.66	\$ 105.62	
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 105.62	\$ -	\$ 7.52	\$ 1.73	\$ 9.25	\$ 98.10	\$ 107.35	\$ 107.35	\$ 0.00	
						\$ 38,301.40	\$ 150.41	\$ 150.41	\$ 240.39	\$ 390.80	\$ 1,962.00	\$ 2,352.80	\$ 38,692.20	\$ 36,339.40	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due		Running Balance (3) - (E)
													(1) + (2) + (B) = (3)	(3) - (E)	
One-Time Costs		11/13/14	12/31/14	49	3.250%	\$ 2,207.50	\$ 9.63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,217.13	\$ 2,217.13	
Payment	06	01/01/15	03/31/15	90	3.250%	\$ 2,217.13	\$ 17.77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,234.90	\$ 2,234.90	
		04/01/15	06/30/15	91	3.250%	\$ 2,234.90	\$ 18.11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,253.01	\$ 2,253.01	
		07/01/15	09/30/15	92	3.250%	\$ 2,253.01	\$ 18.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,271.46	\$ 2,271.46	
		10/01/15	12/31/15	92	3.250%	\$ 2,271.46	\$ 18.61	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,290.07	\$ 2,290.07	
		01/01/16	03/31/16	91	3.250%	\$ 2,290.07	\$ 18.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,308.58	\$ 2,308.58	
		04/01/16	06/30/16	91	3.460%	\$ 2,308.58	\$ 19.86	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,328.44	\$ 2,328.44	
		07/01/16	09/30/16	92	3.500%	\$ 2,328.44	\$ 20.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,348.92	\$ 2,348.92	
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 2,348.92	\$ 20.67	\$ 8.10	\$ -	\$ 8.10	\$ 110.38	\$ 118.48	\$ 2,369.59	\$ 2,251.11	
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,251.11	\$ -	\$ 8.10	\$ 19.43	\$ 27.53	\$ 110.38	\$ 137.91	\$ 2,270.53	\$ 2,132.63	
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,132.63	\$ -	\$ 8.10	\$ 19.73	\$ 27.83	\$ 110.38	\$ 138.21	\$ 2,152.35	\$ 2,014.15	
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,014.15	\$ -	\$ 8.10	\$ 20.10	\$ 28.21	\$ 110.38	\$ 138.58	\$ 2,034.25	\$ 1,895.67	
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,895.67	\$ -	\$ 8.10	\$ 20.12	\$ 28.22	\$ 110.38	\$ 138.60	\$ 1,915.79	\$ 1,777.19	
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,777.19	\$ -	\$ 8.10	\$ 18.62	\$ 26.73	\$ 110.38	\$ 137.10	\$ 1,795.81	\$ 1,658.71	
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,658.71	\$ -	\$ 8.10	\$ 18.49	\$ 26.59	\$ 110.38	\$ 136.96	\$ 1,677.20	\$ 1,540.23	
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,540.23	\$ -	\$ 8.10	\$ 18.21	\$ 26.31	\$ 110.38	\$ 136.69	\$ 1,558.44	\$ 1,421.75	
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,421.75	\$ -	\$ 8.10	\$ 17.77	\$ 25.88	\$ 110.38	\$ 136.25	\$ 1,439.53	\$ 1,303.27	
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,303.27	\$ -	\$ 8.10	\$ 16.65	\$ 24.75	\$ 110.38	\$ 135.13	\$ 1,319.92	\$ 1,184.79	
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,184.79	\$ -	\$ 8.10	\$ 16.10	\$ 24.20	\$ 110.38	\$ 134.58	\$ 1,200.89	\$ 1,066.31	
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,066.31	\$ -	\$ 8.10	\$ 16.16	\$ 24.27	\$ 110.38	\$ 134.64	\$ 1,082.48	\$ 947.83	
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 947.83	\$ -	\$ 8.10	\$ 14.93	\$ 23.04	\$ 110.38	\$ 133.41	\$ 962.77	\$ 829.36	
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 829.36	\$ -	\$ 8.10	\$ 12.96	\$ 21.06	\$ 110.38	\$ 131.44	\$ 842.31	\$ 710.88	
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 710.88	\$ -	\$ 8.10	\$ 11.49	\$ 19.60	\$ 110.38	\$ 129.97	\$ 722.37	\$ 592.40	
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 592.40	\$ -	\$ 8.10	\$ 9.68	\$ 17.79	\$ 110.38	\$ 128.16	\$ 602.08	\$ 473.92	
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 473.92	\$ -	\$ 8.10	\$ 7.75	\$ 15.85	\$ 110.38	\$ 126.22	\$ 481.66	\$ 355.44	
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 355.44	\$ -	\$ 8.10	\$ 5.70	\$ 13.80	\$ 110.38	\$ 124.18	\$ 361.14	\$ 236.96	
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 236.96	\$ -	\$ 8.10	\$ 3.84	\$ 11.95	\$ 110.38	\$ 122.32	\$ 240.80	\$ 118.48	
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 118.48	\$ -	\$ 8.10	\$ 1.94	\$ 10.05	\$ 110.38	\$ 120.42	\$ 120.42	\$ 0.00	
						\$ 42,971.08	\$ 162.09	\$ 162.09	\$ 269.66	\$ 431.75	\$ 2,207.50	\$ 2,639.25	\$ 43,402.83	\$ 40,763.58	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)
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Payment #	Date Payment Received		Facility Cost	ITCC	One-Time Cost		Total Cost
	07/15/14	\$ 468,396.00			-	\$ 2,430.00	
	Total	\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00		
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
	Grand Total	\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00		

In-Service Date:	Estimate	Actual	Comments/Notes
	05/01/16	05/01/16	
	COD:	05/30/16	10/31/16

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
01	Q4/2016	10/01/16	12/31/16	92	3.250%	\$ 2,421.38	\$ 19.84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,441.22	\$ 2,441.22
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,441.22	\$ 20.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,461.22	\$ 2,461.22
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,461.22	\$ 19.89	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,481.10	\$ 2,481.10
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,481.10	\$ 21.34	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,502.45	\$ 2,502.45
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 2,524.46	\$ 22.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,524.46	\$ 2,524.46
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,910.01	\$ -	\$ -	\$ 20.88	\$ 29.46	\$ 118.75	\$ 148.21	\$ 2,440.22	\$ 2,292.01
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,782.67	\$ -	\$ -	\$ 21.20	\$ 29.78	\$ 118.75	\$ 148.53	\$ 2,313.21	\$ 2,164.67
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,655.34	\$ -	\$ -	\$ 19.57	\$ 28.15	\$ 118.75	\$ 149.84	\$ 2,186.28	\$ 2,037.34
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,528.00	\$ -	\$ -	\$ 19.10	\$ 27.69	\$ 118.75	\$ 146.44	\$ 1,547.11	\$ 1,400.67
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,400.67	\$ -	\$ -	\$ 17.89	\$ 26.47	\$ 118.75	\$ 145.22	\$ 1,418.56	\$ 1,273.34
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,273.34	\$ -	\$ -	\$ 17.30	\$ 25.89	\$ 118.75	\$ 144.64	\$ 1,290.64	\$ 1,146.00
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,146.00	\$ -	\$ -	\$ 17.37	\$ 25.95	\$ 118.75	\$ 144.70	\$ 1,163.37	\$ 1,018.67
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 1,018.67	\$ -	\$ -	\$ 16.05	\$ 24.63	\$ 118.75	\$ 143.38	\$ 1,034.72	\$ 891.34
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 891.34	\$ -	\$ -	\$ 13.93	\$ 22.51	\$ 118.75	\$ 141.26	\$ 905.26	\$ 764.00
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 764.00	\$ -	\$ -	\$ 12.35	\$ 20.93	\$ 118.75	\$ 139.68	\$ 776.35	\$ 636.67
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 636.67	\$ -	\$ -	\$ 10.40	\$ 18.99	\$ 118.75	\$ 137.74	\$ 647.07	\$ 509.33
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 509.33	\$ -	\$ -	\$ 8.32	\$ 16.91	\$ 118.75	\$ 135.66	\$ 517.66	\$ 382.00
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 382.00	\$ -	\$ -	\$ 6.12	\$ 14.71	\$ 118.75	\$ 133.46	\$ 388.12	\$ 254.67
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 254.67	\$ -	\$ -	\$ 4.13	\$ 12.71	\$ 118.75	\$ 131.46	\$ 258.80	\$ 127.33
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 127.33	\$ -	\$ -	\$ 2.09	\$ 10.67	\$ 118.75	\$ 129.42	\$ 129.42	\$ (0.00)

\$ 46,184.97 \$ 171.67 \$ 171.67 \$ 289.81 \$ 461.49 \$ 2,375.00 \$ 2,836.49 \$ 46,646.46 \$ 43,809.97

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs		12/31/14	12/31/14	1	3.250%	\$ 2,507.50	\$ 0.22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,507.72	\$ 2,507.72
Payment	08	01/01/15	03/31/15	90	3.250%	\$ 2,507.72	\$ 20.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,527.82	\$ 2,527.82
	04/01/15	06/30/15	91	3.250%	\$ 2,527.82	\$ 20.48	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,548.30	\$ 2,548.30
	07/01/15	09/30/15	92	3.250%	\$ 2,548.30	\$ 20.88	\$ -	\$ -	\$ 21.97	\$ 30.61	\$ 125.38	\$ 155.98	\$ 2,569.18	\$ 2,569.18
	10/01/15	12/31/15	92	3.250%	\$ 2,569.18	\$ 21.05	\$ -	\$ -	\$ 22.31	\$ 30.94	\$ 125.38	\$ 156.32	\$ 2,590.22	\$ 2,590.22
	01/01/16	03/31/16	91	3.250%	\$ 2,590.22	\$ 20.93	\$ -	\$ -	\$ 22.74	\$ 31.37	\$ 125.38	\$ 156.75	\$ 2,611.15	\$ 2,611.15
	04/01/16	06/30/16	91	3.460%	\$ 2,611.15	\$ 22.46	\$ -	\$ -	\$ 22.75	\$ 31.39	\$ 125.38	\$ 156.76	\$ 2,633.62	\$ 2,633.62
	07/01/16	09/30/16	92	3.500%	\$ 2,633.62	\$ 23.17	\$ -	\$ -	\$ 20.91	\$ 29.54	\$ 125.38	\$ 154.92	\$ 2,656.79	\$ 2,656.79
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 2,656.79	\$ 23.37	\$ 8.63	\$ 21.97	\$ 30.61	\$ 125.38	\$ 134.01	\$ 2,680.16	\$ 2,546.15
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,546.15	\$ -	\$ 8.63	\$ 21.97	\$ 30.61	\$ 125.38	\$ 155.98	\$ 2,568.13	\$ 2,412.14
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,412.14	\$ -	\$ 8.63	\$ 22.31	\$ 30.94	\$ 125.38	\$ 156.32	\$ 2,434.46	\$ 2,278.14
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,278.14	\$ -	\$ 8.63	\$ 22.74	\$ 31.37	\$ 125.38	\$ 156.75	\$ 2,300.88	\$ 2,144.13
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 2,144.13	\$ -	\$ 8.63	\$ 22.75	\$ 31.39	\$ 125.38	\$ 156.76	\$ 2,166.88	\$ 2,010.12
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 2,010.12	\$ -	\$ 8.63	\$ 21.06	\$ 29.70	\$ 125.38	\$ 155.07	\$ 2,031.19	\$ 1,876.11
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,876.11	\$ -	\$ 8.63	\$ 20.91	\$ 29.54	\$ 125.38	\$ 154.92	\$ 1,897.02	\$ 1,742.10
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,742.10	\$ -	\$ 8.63	\$ 20.59	\$ 29.23	\$ 125.38	\$ 154.60	\$ 1,762.70	\$ 1,608.10
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,608.10	\$ -	\$ 8.63	\$ 20.10	\$ 28.74	\$ 125.38	\$ 154.11	\$ 1,628.20	\$ 1,474.09
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,474.09	\$ -	\$ 8.63	\$ 18.83	\$ 27.46	\$ 125.38	\$ 152.84	\$ 1,492.92	\$ 1,340.08
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,340.08	\$ -	\$ 8.63	\$ 18.21	\$ 26.84	\$ 125.38	\$ 152.22	\$ 1,358.29	\$ 1,206.07
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,206.07	\$ -	\$ 8.63	\$ 18.28	\$ 26.91	\$ 125.38	\$ 152.29	\$ 1,224.35	\$ 1,072.06
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 1,072.06	\$ -	\$ 8.63	\$ 16.89	\$ 25.52	\$ 125.38	\$ 150.90	\$ 1,088.95	\$ 938.06
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 938.06	\$ -	\$ 8.63	\$ 14.66	\$ 23.29	\$ 125.38	\$ 148.66	\$ 952.71	\$ 804.05
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 804.05	\$ -	\$ 8.63	\$ 13.00	\$ 21.63	\$ 125.38	\$ 147.01	\$ 817.05	\$ 670.04
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 670.04	\$ -	\$ 8.63	\$ 10.95	\$ 19.58	\$ 125.38	\$ 144.96	\$ 680.99	\$ 536.03
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 536.03	\$ -	\$ 8.63	\$ 8.76	\$ 17.39	\$ 125.38	\$ 142.77	\$ 544.79	\$ 402.02
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 402.02	\$ -	\$ 8.63	\$ 6.44	\$ 15.08	\$ 125.38	\$ 140.45	\$ 408.47	\$ 268.02
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 268.02	\$ -	\$ 8.63	\$ 4.34	\$ 12.98	\$ 125.38	\$ 138.35	\$ 272.36	\$ 134.01
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 134.01	\$ -	\$ 8.63	\$ 2.20	\$ 10.83	\$ 125.38	\$ 136.20	\$ 136.20	\$ 0.00

Payment #	Date Payment Received		Facility Cost	ITCC	One-Time Cost		Total Cost
	07/15/14	\$ 468,396.00			-	\$ 2,430.00	\$ 470,826.00
Total		\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00		
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
Grand Total		\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00		

In-Service Date:	Estimate	Actual	Comments/Notes	
	05/01/16	05/01/16		
COD:	05/30/16	10/31/16		

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
													\$ 49,091.49	\$ 46,106.33

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)	
													\$ 45,248.55	\$ 42,348.95	
One-Time Costs	09	02/17/15	03/31/15	43	3.250%	\$ 2,446.00	\$ 9.37	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,455.37	\$ 2,455.37	
Payment		04/01/15	06/30/15	91	3.250%	\$ 2,455.37	\$ 19.90	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,475.26	\$ 2,475.26	
		07/01/15	09/30/15	92	3.250%	\$ 2,475.26	\$ 20.28	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,495.54	\$ 2,495.54	
		10/01/15	12/31/15	92	3.250%	\$ 2,495.54	\$ 20.44	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,515.98	\$ 2,515.98	
		01/01/16	03/31/16	91	3.250%	\$ 2,515.98	\$ 20.33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,536.31	\$ 2,536.31	
		04/01/16	06/30/16	91	3.460%	\$ 2,536.31	\$ 21.82	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,558.13	\$ 2,558.13	
		07/01/16	09/30/16	92	3.500%	\$ 2,558.13	\$ 22.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,580.64	\$ 2,580.64	
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 2,580.64	\$ 22.70	\$ 7.87	\$ -	\$ -	\$ 7.87	\$ 122.30	\$ 130.17	\$ 2,603.34	\$ 2,473.17
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,473.17	\$ -	\$ 7.87	\$ 21.34	\$ 29.21	\$ 122.30	\$ 151.51	\$ 2,494.52	\$ 2,343.01	
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,343.01	\$ -	\$ 7.87	\$ 21.67	\$ 29.54	\$ 122.30	\$ 151.84	\$ 2,364.68	\$ 2,212.84	
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,212.84	\$ -	\$ 7.87	\$ 22.09	\$ 29.95	\$ 122.30	\$ 152.25	\$ 2,234.93	\$ 2,082.50	
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 2,082.67	\$ -	\$ 7.87	\$ 22.10	\$ 29.97	\$ 122.30	\$ 152.27	\$ 2,104.77	\$ 1,952.50	
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,952.50	\$ -	\$ 7.87	\$ 20.46	\$ 28.33	\$ 122.30	\$ 150.63	\$ 1,972.97	\$ 1,822.34	
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,822.34	\$ -	\$ 7.87	\$ 20.31	\$ 28.18	\$ 122.30	\$ 150.48	\$ 1,842.65	\$ 1,692.17	
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,692.17	\$ -	\$ 7.87	\$ 20.00	\$ 27.87	\$ 122.30	\$ 150.17	\$ 1,712.17	\$ 1,562.00	
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,562.00	\$ -	\$ 7.87	\$ 19.53	\$ 27.40	\$ 122.30	\$ 149.70	\$ 1,581.53	\$ 1,431.84	
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,431.84	\$ -	\$ 7.87	\$ 18.29	\$ 26.16	\$ 122.30	\$ 148.46	\$ 1,450.13	\$ 1,301.67	
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,301.67	\$ -	\$ 7.87	\$ 17.69	\$ 25.55	\$ 122.30	\$ 147.85	\$ 1,319.36	\$ 1,171.50	
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,171.50	\$ -	\$ 7.87	\$ 17.76	\$ 25.62	\$ 122.30	\$ 147.92	\$ 1,189.26	\$ 1,041.34	
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 1,041.34	\$ -	\$ 7.87	\$ 16.41	\$ 24.27	\$ 122.30	\$ 146.57	\$ 1,057.74	\$ 911.17	
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 911.17	\$ -	\$ 7.87	\$ 14.24	\$ 22.10	\$ 122.30	\$ 144.40	\$ 925.41	\$ 781.00	
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 781.00	\$ -	\$ 7.87	\$ 12.63	\$ 20.49	\$ 122.30	\$ 142.79	\$ 793.63	\$ 650.83	
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 650.83	\$ -	\$ 7.87	\$ 10.64	\$ 18.50	\$ 122.30	\$ 140.80	\$ 661.47	\$ 520.67	
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 520.67	\$ -	\$ 7.87	\$ 8.51	\$ 16.38	\$ 122.30	\$ 138.68	\$ 529.18	\$ 390.50	
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 390.50	\$ -	\$ 7.87	\$ 6.26	\$ 14.13	\$ 122.30	\$ 136.43	\$ 396.76	\$ 260.33	
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 260.33	\$ -	\$ 7.87	\$ 4.22	\$ 12.09	\$ 122.30	\$ 134.39	\$ 264.55	\$ 130.17	
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 130.17	\$ -	\$ 7.87	\$ 2.13	\$ 10.00	\$ 122.30	\$ 132.30	\$ 132.30	\$ 0.00	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
													\$ 45,248.55	\$ 42,348.95
One-Time Costs	10	03/05/15	03/31/15	27	3.250%	\$ 2,274.00	\$ 5.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,279.47	\$ 2,279.47
Payment		04/01/15	06/30/15	91	3.250%	\$ 2,279.47	\$ 18.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,297.94	\$ 2,297.94
		07/01/15	09/30/15	92	3.250%	\$ 2,297.94	\$ 18.82	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,316.76	\$ 2,316.76
		10/01/15	12/31/15	92	3.250%	\$ 2,316.76	\$ 18.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,335.74	\$ 2,335.74
		01/01/16	03/31/16	91	3.250%	\$ 2,335.74	\$ 18.87	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,354.61	\$ 2,354.61
		04/01/16	06/30/16	91	3.460%	\$ 2,354.61	\$ 20.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,374.87	\$ 2,374.87
		07/01/16	09/30/16	92	3.500%	\$ 2,374.87	\$ 20.89	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,395.76	\$ 2,395.76
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 2,395.76	\$ 21.08	\$ 7.14	\$ -	\$ 7.14	\$ 113.70	\$ 120.84	\$ 2,416.84	\$ 2,296.00
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,296.00	\$ -	\$ 7.14	\$ 19.81	\$ 26.96	\$ 113.70	\$ 140.66	\$ 2,315.81	\$ 2,175.16
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,175.16	\$ -	\$ 7.14	\$ 20.12	\$ 27.26	\$ 113.70	\$ 140.96	\$ 2,195.28	\$ 2,054.31
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,054.31	\$ -	\$ 7.14	\$ 20.50	\$ 27.65	\$ 113.70	\$ 141.35	\$ 2,074.82	\$ 1,933.47
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,933.47	\$ -	\$ 7.14	\$ 20.52	\$ 27.66	\$ 113.70	\$ 141.36	\$ 1,953.99	\$ 1,812.63
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,812.63	\$ -	\$ 7.14	\$ 19.00	\$ 26.14	\$ 113.70	\$ 139.84	\$ 1,831.63	\$ 1,691.79
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,691.79	\$ -	\$ 7.14	\$ 18.85	\$ 26.00	\$ 113.70	\$ 139.70	\$ 1,710.64	\$ 1,570.95
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,570.95	\$ -	\$ 7.14	\$ 18.57	\$ 25.71	\$ 113.70	\$ 139.41	\$ 1,589.52	\$ 1,450.10
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,450.10	\$ -	\$ 7.14	\$ 18.13	\$ 25.27	\$ 113.70	\$ 138.97	\$ 1,468.23	\$ 1,329.26
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,329.26	\$ -	\$ 7.14	\$ 16.98	\$ 24.12	\$ 113.70	\$ 137.82	\$ 1,346.24	\$ 1,208.42
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,208.42	\$ -	\$ 7.14	\$ 16.42	\$ 23.56	\$ 113.70	\$ 137.26	\$ 1,224.84	\$ 1,087.58
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,087.58	\$ -	\$ 7.14	\$ 16.48	\$ 23.63	\$ 113.70	\$ 137.33	\$ 1,104.06	\$ 966.74
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Payment #	Date Payment Received		Facility Cost	ITCC	One-Time Cost		Total Cost
	07/15/14	\$ 468,396.00			-	\$ 2,430.00	
Total		\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00		
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	
		Grand Total	\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00	

In-Service Date:	Estimate	Actual	Comments/Notes	
	05/01/16	05/01/16		
	COD:	05/30/16	10/31/16	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 725.05	\$ -	\$ 7.14	\$ 11.72	\$ 18.86	\$ 113.70	\$ 132.56	\$ 736.77	\$ 604.21
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 604.21	\$ -	\$ 7.14	\$ 9.87	\$ 17.02	\$ 113.70	\$ 130.72	\$ 614.08	\$ 483.37
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 483.37	\$ -	\$ 7.14	\$ 7.90	\$ 15.04	\$ 113.70	\$ 128.74	\$ 491.27	\$ 362.53
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 362.53	\$ -	\$ 7.14	\$ 5.81	\$ 12.95	\$ 113.70	\$ 126.65	\$ 368.34	\$ 241.68
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 241.68	\$ -	\$ 7.14	\$ 3.92	\$ 11.06	\$ 113.70	\$ 124.76	\$ 245.60	\$ 120.84
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 120.84	\$ -	\$ 7.14	\$ 1.98	\$ 9.12	\$ 113.70	\$ 122.82	\$ 122.82	(0.00)
						\$ 41,589.14	\$ 142.84	\$ 142.84	\$ 275.04	\$ 417.88	\$ 2,274.00	\$ 2,691.88	\$ 42,007.02	\$ 39,315.14

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)	
One-Time Costs	Payment	03/30/15	03/31/15	2	3.250%	\$ 2,021.00	\$ 0.36	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,021.36	\$ 2,021.36	
		04/01/15	06/30/15	91	3.250%	\$ 2,021.36	\$ 16.38	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,037.74	\$ 2,037.74	
		07/01/15	09/30/15	92	3.250%	\$ 2,037.74	\$ 16.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,054.43	\$ 2,054.43	
		10/01/15	12/31/15	92	3.250%	\$ 2,054.43	\$ 16.83	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,071.26	\$ 2,071.26	
		01/01/16	03/31/16	91	3.250%	\$ 2,071.26	\$ 16.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,088.00	\$ 2,088.00	
		04/01/16	06/30/16	91	3.460%	\$ 2,088.00	\$ 17.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,105.96	\$ 2,105.96	
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 2,105.96	\$ 18.53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,124.49	\$ 2,124.49	
		10/01/16	12/31/16	92	3.500%	\$ 2,124.49	\$ 18.69	\$ 6.11	\$ -	\$ 6.11	\$ 101.05	\$ 107.16	\$ 2,143.18	\$ 2,036.02	
		01/01/17	03/31/17	90	3.500%	\$ 2,036.02	\$ -	\$ 6.11	\$ 17.57	\$ 23.68	\$ 101.05	\$ 124.73	\$ 2,053.59	\$ 1,928.86	
		02/01/17	04/30/17	91	3.710%	\$ 1,928.86	\$ -	\$ 6.11	\$ 17.84	\$ 23.95	\$ 101.05	\$ 125.00	\$ 1,946.70	\$ 1,821.70	
		03/01/17	05/30/17	92	3.960%	\$ 1,821.70	\$ -	\$ 6.11	\$ 18.18	\$ 24.29	\$ 101.05	\$ 125.34	\$ 1,839.89	\$ 1,714.54	
		04/01/17	06/30/17	91	4.210%	\$ 1,714.54	\$ -	\$ 6.11	\$ 18.19	\$ 24.30	\$ 101.05	\$ 125.35	\$ 1,732.74	\$ 1,607.38	
02	Q1/2017	01/01/17	03/31/17	90	4.250%	\$ 1,607.38	\$ -	\$ 6.11	\$ 16.84	\$ 22.95	\$ 101.05	\$ 124.00	\$ 1,624.23	\$ 1,500.23	
		02/01/17	04/30/17	91	4.470%	\$ 1,500.23	\$ -	\$ 6.11	\$ 16.72	\$ 22.83	\$ 101.05	\$ 123.88	\$ 1,516.94	\$ 1,393.07	
		03/01/17	05/30/17	92	4.690%	\$ 1,393.07	\$ -	\$ 6.11	\$ 16.47	\$ 22.58	\$ 101.05	\$ 123.63	\$ 1,409.53	\$ 1,285.91	
		04/01/17	06/30/17	91	4.960%	\$ 1,285.91	\$ -	\$ 6.11	\$ 16.08	\$ 22.19	\$ 101.05	\$ 123.24	\$ 1,301.98	\$ 1,178.75	
		05/01/17	07/31/17	92	5.180%	\$ 1,178.75	\$ -	\$ 6.11	\$ 15.06	\$ 21.16	\$ 101.05	\$ 122.21	\$ 1,193.80	\$ 1,071.59	
		06/01/17	08/30/17	91	5.450%	\$ 1,071.59	\$ -	\$ 6.11	\$ 14.56	\$ 20.67	\$ 101.05	\$ 121.72	\$ 1,086.15	\$ 964.43	
03	Q2/2017	07/01/17	09/30/17	92	6.013%	\$ 964.43	\$ -	\$ 6.11	\$ 14.62	\$ 20.73	\$ 101.05	\$ 121.78	\$ 979.05	\$ 857.27	
		08/01/17	10/30/17	91	6.251%	\$ 857.27	\$ -	\$ 6.11	\$ 13.51	\$ 19.62	\$ 101.05	\$ 120.67	\$ 870.78	\$ 750.11	
		09/01/17	11/30/17	91	6.284%	\$ 750.11	\$ -	\$ 6.11	\$ 11.72	\$ 17.83	\$ 101.05	\$ 118.88	\$ 761.83	\$ 642.95	
		10/01/17	12/31/17	91	6.502%	\$ 642.95	\$ -	\$ 6.11	\$ 10.39	\$ 16.50	\$ 101.05	\$ 117.55	\$ 653.35	\$ 535.79	
		11/01/17	01/31/18	92	6.501%	\$ 535.79	\$ -	\$ 6.11	\$ 8.76	\$ 14.86	\$ 101.05	\$ 115.91	\$ 544.55	\$ 428.64	
		12/01/17	03/31/18	92	6.502%	\$ 428.64	\$ -	\$ 6.11	\$ 7.01	\$ 13.11	\$ 101.05	\$ 114.16	\$ 435.64	\$ 321.48	
04	Q1/2018	01/01/18	03/31/18	90	6.502%	\$ 321.48	\$ -	\$ 6.11	\$ 5.15	\$ 11.26	\$ 101.05	\$ 112.31	\$ 326.63	\$ 214.32	
		02/01/18	04/30/18	91	6.502%	\$ 214.32	\$ -	\$ 6.11	\$ 3.47	\$ 9.58	\$ 101.05	\$ 110.63	\$ 217.79	\$ 107.16	
		03/01/18	05/30/18	92	6.490%	\$ 2,320.34	\$ -	\$ 9.71	\$ 27.43	\$ 37.14	\$ 168.78	\$ 205.92	\$ 2,347.77	\$ 2,141.86	
		04/01/18	12/31/18	92	4.960%	\$ 2,141.86	\$ -	\$ 9.71	\$ 26.78	\$ 36.49	\$ 168.78	\$ 205.27	\$ 2,168.63	\$ 1,963.37	
		05/01/18	07/31/18	90	3.500%	\$ 3,375.50	\$ 18.63	\$ -	\$ 9.71	\$ 9.71	\$ 168.78	\$ 178.49	\$ 3,569.76	\$ 3,391.27	
		06/01/18	08/31/18	91	3.250%	\$ 3,394.13	\$ 27.80	\$ -	\$ 9.71	\$ 29.27	\$ 38.98	\$ 168.78	\$ 207.76	\$ 3,420.54	\$ 3,212.78
05	Q2/2018	07/01/18	09/30/18	92	3.250%	\$ 3,421.94	\$ 28.03	\$ -	\$ 9.71	\$ 29.72	\$ 39.43	\$ 168.78	\$ 208.20	\$ 3,242.50	\$ 3,034.30
		08/01/18	10/31/18	91	3.250%	\$ 3,449.97	\$ 27.88	\$ -	\$ 9.71	\$ 30.29	\$ 40.00	\$ 168.78	\$ 208.77	\$ 3,064.58	\$ 2,855.81
		09/01/18	12/31/18	92	4.210%	\$ 2,855.81	\$ -	\$ 9.71	\$ 30.30	\$ 40.02	\$ 168.78	\$ 208.79	\$ 2,886.11	\$ 2,677.32	
		10/01/18	01/31/19	90	4.250%	\$ 2,677.32	\$ -	\$ 9.71	\$ 28.06	\$ 37.77	\$ 168.78	\$ 206.54	\$ 2,705.38	\$ 2,498.83	
		11/01/18	04/30/19	91	4.470%	\$ 2,498.83	\$ -	\$ 9.71	\$ 27.85	\$ 37.56	\$ 168.78	\$ 206.34	\$ 2,526.68	\$ 2,320.34	
		12/01/18	05/30/19	92	4.690%	\$ 2,320.34	\$ -	\$ 9.71	\$ 27.43	\$ 37.14	\$ 168.78	\$ 205.92	\$ 2,347.77	\$ 2,141.86	
06	Q3/2018	01/01/19	03/31/19	90	3.960%	\$ 3,043.30	\$ -	\$ 9.71	\$ 26.78	\$ 36.49	\$ 168.78	\$ 205.27	\$ 2,168.63	\$ 1,963.37	
		02/01/19	04/30/19	91	3.710%	\$ 3,212.78	\$ -	\$ 9.71	\$ 26.78	\$ 36.49	\$ 168.78	\$ 205.27	\$ 2,168.63	\$ 1,963.37	
		03/01/19	05/30/19	92	3.960%	\$ 3,449.97	\$ -	\$ 9.71	\$ 26.78	\$ 36.49	\$ 168.78	\$ 205.27	\$ 2,168.63	\$ 1,963.37	
		04/01/19	07/31/19	91	3.250%	\$ 2,855.81	\$ -	\$ 9.71	\$ 26.78	\$ 36.49	\$ 168.78	\$ 205.27	\$ 2,168.63	\$ 1,963.37	
		05/01/19	07/31/19	92	4.210%	\$ 2,677.32	\$ -	\$ 9.71	\$ 26.78	\$ 36.49	\$ 168.78	\$ 205.27	\$ 2,168.63	\$ 1,963.37	
		06/01/19	08/31/19	91	4.250%	\$ 2,498.83	\$ -	\$ 9.71	\$ 26.78	\$ 36.49	\$ 168.78	\$ 205.27	\$ 2,168.63	\$ 1,963.37	
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Payment #	Date Payment Received		Facility Cost	ITCC	One-Time Cost		Total Cost
	07/15/14	\$ 468,396.00			-	\$ 2,430.00	
	Total	\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00		
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -		
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -		
	Grand Total	\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00		

In-Service Date:	Estimate	Actual	Comments/Notes	
	05/01/16	05/01/16		
	COD:	05/30/16	10/31/16	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)		Running Balance (3) - (E)
													(1)	(2)	
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,963.37	\$ -	\$ 9.71	\$ 25.08	\$ 34.79	\$ 168.78	\$ 203.57	\$ 1,988.45	\$ 1,784.88	
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,784.88	\$ -	\$ 9.71	\$ 24.25	\$ 33.97	\$ 168.78	\$ 202.74	\$ 1,809.13	\$ 1,606.39	
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,606.39	\$ -	\$ 9.71	\$ 24.35	\$ 34.06	\$ 168.78	\$ 202.84	\$ 1,630.74	\$ 1,427.90	
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 1,427.90	\$ -	\$ 9.71	\$ 22.50	\$ 32.21	\$ 168.78	\$ 200.98	\$ 1,450.40	\$ 1,249.42	
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 1,249.42	\$ -	\$ 9.71	\$ 19.52	\$ 29.23	\$ 168.78	\$ 198.01	\$ 1,268.94	\$ 1,070.93	
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 1,070.93	\$ -	\$ 9.71	\$ 17.31	\$ 27.03	\$ 168.78	\$ 195.80	\$ 1,088.24	\$ 892.44	
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 892.44	\$ -	\$ 9.71	\$ 14.58	\$ 24.30	\$ 168.78	\$ 193.07	\$ 907.02	\$ 713.95	
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 713.95	\$ -	\$ 9.71	\$ 11.67	\$ 21.38	\$ 168.78	\$ 190.16	\$ 725.62	\$ 535.46	
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 535.46	\$ -	\$ 9.71	\$ 8.58	\$ 18.30	\$ 168.78	\$ 187.07	\$ 544.05	\$ 356.98	
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 356.98	\$ -	\$ 9.71	\$ 5.79	\$ 15.50	\$ 168.78	\$ 184.27	\$ 362.76	\$ 178.49	
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 178.49	\$ -	\$ 9.71	\$ 2.92	\$ 12.64	\$ 168.78	\$ 181.41	\$ 181.41	\$ (0.00)	
						\$ 58,078.51	\$ 194.26	\$ 194.26	\$ 406.24	\$ 600.50	\$ 3,375.50	\$ 3,976.00	\$ 58,679.01	\$ 54,703.01	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)		Running Balance (3) - (E)
													(1)	(2)	
One-Time Costs		06/09/15	06/30/15	22	3.250%	\$ 2,849.00	\$ 5.58	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,854.58	\$ 2,854.58	
Payment	13	07/01/15	09/30/15	92	3.250%	\$ 2,854.58	\$ 23.38	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,877.97	\$ 2,877.97	
		10/01/15	12/31/15	92	3.250%	\$ 2,877.97	\$ 23.58	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,901.54	\$ 2,901.54	
		01/01/16	03/31/16	91	3.250%	\$ 2,901.54	\$ 23.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,924.99	\$ 2,924.99	
		04/01/16	06/30/16	91	3.460%	\$ 2,924.99	\$ 25.16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,950.15	\$ 2,950.15	
		07/01/16	09/30/16	92	3.500%	\$ 2,950.15	\$ 25.95	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,976.10	\$ 2,976.10	
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 2,976.10	\$ 26.18	\$ 7.66	\$ -	\$ 7.66	\$ 142.45	\$ 150.11	\$ 3,002.29	\$ 2,852.17	
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,852.17	\$ -	\$ 7.66	\$ 24.61	\$ 32.28	\$ 142.45	\$ 174.73	\$ 2,876.79	\$ 2,702.06	
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,702.06	\$ -	\$ 7.66	\$ 24.99	\$ 32.66	\$ 142.45	\$ 175.11	\$ 2,727.05	\$ 2,551.94	
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,551.94	\$ -	\$ 7.66	\$ 25.47	\$ 33.14	\$ 142.45	\$ 175.59	\$ 2,577.42	\$ 2,401.83	
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 2,401.83	\$ -	\$ 7.66	\$ 25.49	\$ 33.15	\$ 142.45	\$ 175.60	\$ 2,427.32	\$ 2,251.72	
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 2,251.72	\$ -	\$ 7.66	\$ 23.60	\$ 31.26	\$ 142.45	\$ 173.71	\$ 2,275.31	\$ 2,101.60	
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 2,101.60	\$ -	\$ 7.66	\$ 23.42	\$ 31.09	\$ 142.45	\$ 173.54	\$ 2,125.02	\$ 1,951.49	
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,951.49	\$ -	\$ 7.66	\$ 23.07	\$ 30.73	\$ 142.45	\$ 173.18	\$ 1,974.56	\$ 1,801.37	
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,801.37	\$ -	\$ 7.66	\$ 22.52	\$ 30.19	\$ 142.45	\$ 172.64	\$ 1,823.89	\$ 1,651.26	
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,651.26	\$ -	\$ 7.66	\$ 21.09	\$ 28.76	\$ 142.45	\$ 171.21	\$ 1,672.35	\$ 1,501.14	
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,501.14	\$ -	\$ 7.66	\$ 20.40	\$ 28.06	\$ 142.45	\$ 170.51	\$ 1,521.54	\$ 1,351.03	
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,351.03	\$ -	\$ 7.66	\$ 20.48	\$ 28.14	\$ 142.45	\$ 170.59	\$ 1,371.51	\$ 1,200.92	
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 1,200.92	\$ -	\$ 7.66	\$ 18.92	\$ 26.58	\$ 142.45	\$ 169.03	\$ 1,219.84	\$ 1,050.80	
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 1,050.80	\$ -	\$ 7.66	\$ 16.42	\$ 24.08	\$ 142.45	\$ 166.53	\$ 1,067.22	\$ 900.69	
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 900.69	\$ -	\$ 7.66	\$ 14.56	\$ 22.23	\$ 142.45	\$ 164.68	\$ 915.25	\$ 750.57	
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 750.57	\$ -	\$ 7.66	\$ 12.27	\$ 19.93	\$ 142.45	\$ 162.38	\$ 762.84	\$ 600.46	
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 600.46	\$ -	\$ 7.66	\$ 9.81	\$ 17.48	\$ 142.45	\$ 159.93	\$ 610.27	\$ 450.34	
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 450.34	\$ -	\$ 7.66	\$ 7.22	\$ 14.88	\$ 142.45	\$ 157.33	\$ 457.56	\$ 300.23	
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 300.23	\$ -	\$ 7.66	\$ 4.87	\$ 12.53	\$ 142.45	\$ 154.98	\$ 305.10	\$ 150.11	
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 150.11	\$ -	\$ 7.66	\$ 2.46	\$ 10.12	\$ 142.45	\$ 152.57	\$ 152.57	\$ 0.00	
						\$ 48,856.06	\$ 153.29	\$ 153.29	\$ 341.66	\$ 494.95	\$ 2,849.00	\$ 3,343.95	\$ 49,351.01	\$ 46,007.06	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)		Running Balance (3) - (E)
													(1)	(2)	
One-Time Costs		06/25/15	06/30/15	6	3.250%	\$ 2,285.00	\$ 1.22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,286.22	\$ 2,286.22	
Payment	14	07/01/15	09/30/15	92	3.250%	\$ 2,286.22	\$ 18.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,304.95	\$ 2,304.95	
		10/01/15	12/31/15	92	3.250%	\$ 2,304.95	\$ 18.88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,323.83	\$ 2,323.83	
		01/01/16	03/31/16	91	3.250%	\$ 2,323.83	\$ 18.78	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,342.61	\$ 2,342.61	
		04/01/16	06/30/16	91	3.460%	\$ 2,342.61	\$ 20.15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,362.76	\$ 2,362.76	
		07/01/16	09/30/16	92											

Payment #	Date Received	One-Time		Total Cost
		Facility Cost	ITCC	
01	07/15/14	\$ 468,396.00	\$ -	\$ 2,430.00 \$ 470,826.00
	Total	\$ 5,682,656.00	\$ -	\$ 36,494.00 \$ 5,719,150.00
True Up 1	N/A	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -
	Grand Total	\$ 5,682,656.00	\$ -	\$ 36,494.00 \$ 5,719,150.00

In-Service Date:	Estimate	Actual	Comments/Notes
	05/01/16	05/01/16	
	COD:	05/30/16	10/31/16

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,803.39	\$ -	\$ 5.98	\$ 18.90	\$ 24.87	\$ 114.25	\$ 139.12	\$ 1,822.29	\$ 1,683.16
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,683.16	\$ -	\$ 5.98	\$ 18.76	\$ 24.73	\$ 114.25	\$ 138.98	\$ 1,701.92	\$ 1,562.94
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,562.94	\$ -	\$ 5.98	\$ 18.48	\$ 24.45	\$ 114.25	\$ 138.70	\$ 1,581.41	\$ 1,442.71
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,442.71	\$ -	\$ 5.98	\$ 18.04	\$ 24.01	\$ 114.25	\$ 138.26	\$ 1,460.75	\$ 1,322.49
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,322.49	\$ -	\$ 5.98	\$ 16.89	\$ 22.87	\$ 114.25	\$ 137.12	\$ 1,339.38	\$ 1,202.26
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,202.26	\$ -	\$ 5.98	\$ 16.34	\$ 22.31	\$ 114.25	\$ 136.56	\$ 1,218.60	\$ 1,082.03
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,082.03	\$ -	\$ 5.98	\$ 16.40	\$ 22.38	\$ 114.25	\$ 136.63	\$ 1,098.43	\$ 961.81
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 961.81	\$ -	\$ 5.98	\$ 15.15	\$ 21.13	\$ 114.25	\$ 135.38	\$ 976.96	\$ 841.58
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 841.58	\$ -	\$ 5.98	\$ 13.15	\$ 19.13	\$ 114.25	\$ 133.38	\$ 854.73	\$ 721.36
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 721.36	\$ -	\$ 5.98	\$ 11.66	\$ 17.64	\$ 114.25	\$ 131.89	\$ 733.02	\$ 601.13
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 601.13	\$ -	\$ 5.98	\$ 9.82	\$ 15.80	\$ 114.25	\$ 130.05	\$ 610.95	\$ 480.90
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 480.90	\$ -	\$ 5.98	\$ 7.86	\$ 13.84	\$ 114.25	\$ 128.09	\$ 488.76	\$ 360.68
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 360.68	\$ -	\$ 5.98	\$ 5.78	\$ 11.76	\$ 114.25	\$ 126.01	\$ 366.46	\$ 240.45
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 240.45	\$ -	\$ 5.98	\$ 3.90	\$ 9.87	\$ 114.25	\$ 124.12	\$ 244.35	\$ 120.23
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 120.23	\$ -	\$ 5.98	\$ 1.97	\$ 7.95	\$ 114.25	\$ 122.20	\$ 122.20	\$ 0.00
						\$ 39,131.84	\$ 119.52	\$ 119.52	\$ 273.64	\$ 393.16	\$ 2,285.00	\$ 2,678.16	\$ 39,525.00	\$ 36,846.84

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs	07/16/15	09/30/15	77	3.250%	\$ 1,792.00	\$ 12.29	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,804.29	\$ 1,804.29
Payment 15	10/01/15	12/31/15	92	3.250%	\$ 1,804.29	\$ 14.78	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,819.07	\$ 1,819.07
	01/01/16	03/31/16	91	3.250%	\$ 1,819.07	\$ 14.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,833.77	\$ 1,833.77
	04/01/16	06/30/16	91	3.460%	\$ 1,833.77	\$ 15.78	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,849.54	\$ 1,849.54
	07/01/16	09/30/16	92	3.500%	\$ 1,849.54	\$ 16.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,865.81	\$ 1,865.81
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,865.81	\$ 16.42	\$ 4.51	\$ -	\$ 4.51	\$ 89.60	\$ 94.11	\$ 1,882.23	\$ 1,788.12
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,788.12	\$ -	\$ 4.51	\$ 15.43	\$ 19.94	\$ 89.60	\$ 109.54	\$ 1,803.55	\$ 1,694.01
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,694.01	\$ -	\$ 4.51	\$ 15.67	\$ 20.18	\$ 89.60	\$ 109.78	\$ 1,709.67	\$ 1,599.89
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,599.89	\$ -	\$ 4.51	\$ 15.97	\$ 20.48	\$ 89.60	\$ 110.08	\$ 1,615.86	\$ 1,505.78
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,505.78	\$ -	\$ 4.51	\$ 15.98	\$ 20.49	\$ 89.60	\$ 110.09	\$ 1,521.76	\$ 1,411.67
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,411.67	\$ -	\$ 4.51	\$ 14.79	\$ 19.30	\$ 89.60	\$ 108.90	\$ 1,426.46	\$ 1,317.56
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,317.56	\$ -	\$ 4.51	\$ 14.68	\$ 19.19	\$ 89.60	\$ 108.79	\$ 1,332.24	\$ 1,223.45
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,223.45	\$ -	\$ 4.51	\$ 14.46	\$ 18.97	\$ 89.60	\$ 108.57	\$ 1,223.91	\$ 1,129.34
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,129.34	\$ -	\$ 4.51	\$ 14.12	\$ 18.63	\$ 89.60	\$ 108.23	\$ 1,143.46	\$ 1,035.23
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,035.23	\$ -	\$ 4.51	\$ 13.22	\$ 17.73	\$ 89.60	\$ 107.33	\$ 1,048.45	\$ 941.11
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 941.11	\$ -	\$ 4.51	\$ 12.79	\$ 17.30	\$ 89.60	\$ 106.90	\$ 953.90	\$ 847.00
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 847.00	\$ -	\$ 4.51	\$ 12.84	\$ 17.35	\$ 89.60	\$ 106.95	\$ 859.84	\$ 752.89
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 752.89	\$ -	\$ 4.51	\$ 11.86	\$ 16.37	\$ 89.60	\$ 105.97	\$ 764.75	\$ 658.78
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 658.78	\$ -	\$ 4.51	\$ 10.29	\$ 14.80	\$ 89.60	\$ 104.40	\$ 669.07	\$ 564.67
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 564.67	\$ -	\$ 4.51	\$ 9.13	\$ 13.64	\$ 89.60	\$ 103.24	\$ 573.80	\$ 470.56
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 470.56	\$ -	\$ 4.51	\$ 7.69	\$ 12.20	\$ 89.60	\$ 101.80	\$ 478.25	\$ 376.45
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 376.45	\$ -	\$ 4.51	\$ 6.15	\$ 10.66	\$ 89.60	\$ 100.26	\$ 382.60	\$ 282.33
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 282.33	\$ -	\$ 4.51	\$ 4.53	\$ 9.04	\$ 89.60	\$ 98.64	\$ 286.86	\$ 188.22
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 188.22	\$ -	\$ 4.51	\$ 3.05	\$ 7.56	\$ 89.60	\$ 97.16	\$ 191.27	\$ 94.11
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 94.11	\$ -	\$ 4.51	\$ 1.54	\$ 6.05	\$ 89.60	\$ 95.65	\$ 95.65	\$ 0.00
						\$ 28,845.64	\$ 90.23	\$ 90.23	\$ 214.20	\$ 304.43	\$ 1,792.00	\$ 2,096.43	\$ 29,150.07	\$ 27,053.64

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs	09/09/15	09/30/15	22	3.250%	\$ 1,380.00	\$ 2.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,382.70	\$ 1,382.70
Payment 16	10/01/15	12/31/15	92	3.250%	\$ 1,382.70	\$ 11.33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,394.03	\$ 1,394.03
	01/01/16	03/31/16	91	3.250%	\$ 1,394.03	\$ 11.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,405.29	\$ 1,405.29
	04/01/16	06/30/16	91	3.460%	\$ 1,405.29	\$ 12.09	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,417.38	\$ 1,417.38
	07/01/16	09/30/16	92	3.500%	\$ 1,417.38	\$ 12.47	\$ -	\$ -</td						

Payment #	Date Received	Facility Cost		One-Time Cost		Total Cost
		ITCC				
01	07/15/14	\$ 468,396.00	\$ -	\$ 2,430.00	\$ 470,826.00	
	Total	\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00	
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	
	Grand Total	\$ 5,682,656.00	\$ -	\$ 36,494.00	\$ 5,719,150.00	

In-Service Date:	Estimate	Actual	Comments/Notes	
	05/01/16	05/01/16		
	COD:	05/30/16	10/31/16	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,226.07	\$ -	\$ 3.12	\$ 12.24	\$ 15.36	\$ 69.00	\$ 84.36	\$ 1,238.31	\$ 1,153.95
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,153.95	\$ -	\$ 3.12	\$ 12.25	\$ 15.37	\$ 69.00	\$ 84.37	\$ 1,166.19	\$ 1,081.83
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,081.83	\$ -	\$ 3.12	\$ 11.34	\$ 14.46	\$ 69.00	\$ 83.46	\$ 1,093.16	\$ 1,009.70
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,009.70	\$ -	\$ 3.12	\$ 11.25	\$ 14.37	\$ 69.00	\$ 83.37	\$ 1,020.96	\$ 937.58
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 937.58	\$ -	\$ 3.12	\$ 11.08	\$ 14.21	\$ 69.00	\$ 83.21	\$ 948.67	\$ 865.46
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 865.46	\$ -	\$ 3.12	\$ 10.82	\$ 13.94	\$ 69.00	\$ 82.94	\$ 876.28	\$ 793.34
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 793.34	\$ -	\$ 3.12	\$ 10.13	\$ 13.25	\$ 69.00	\$ 82.25	\$ 803.47	\$ 721.22
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 721.22	\$ -	\$ 3.12	\$ 9.80	\$ 12.92	\$ 69.00	\$ 81.92	\$ 731.02	\$ 649.10
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 649.10	\$ -	\$ 3.12	\$ 9.84	\$ 12.96	\$ 69.00	\$ 81.96	\$ 658.93	\$ 576.97
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 576.97	\$ -	\$ 3.12	\$ 9.09	\$ 12.21	\$ 69.00	\$ 81.21	\$ 586.06	\$ 504.85
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 504.85	\$ -	\$ 3.12	\$ 7.89	\$ 11.01	\$ 69.00	\$ 80.01	\$ 512.74	\$ 432.73
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 432.73	\$ -	\$ 3.12	\$ 7.00	\$ 10.12	\$ 69.00	\$ 79.12	\$ 439.73	\$ 360.61
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 360.61	\$ -	\$ 3.12	\$ 5.89	\$ 9.01	\$ 69.00	\$ 78.01	\$ 366.50	\$ 288.49
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 288.49	\$ -	\$ 3.12	\$ 4.71	\$ 7.84	\$ 69.00	\$ 76.84	\$ 293.20	\$ 216.37
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 216.37	\$ -	\$ 3.12	\$ 3.47	\$ 6.59	\$ 69.00	\$ 75.59	\$ 219.83	\$ 144.24
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 144.24	\$ -	\$ 3.12	\$ 2.34	\$ 5.46	\$ 69.00	\$ 74.46	\$ 146.58	\$ 72.12
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 72.12	\$ -	\$ 3.12	\$ 1.18	\$ 4.30	\$ 69.00	\$ 73.30	\$ 73.30	\$ (0.00)
						\$ 22,112.38	\$ 62.43	\$ 62.43	\$ 164.15	\$ 226.58	\$ 1,380.00	\$ 1,606.58	\$ 22,338.97	\$ 20,732.38

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs		03/01/16	03/31/16	31	3.250%	\$ 2,422.00	\$ 6.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,428.67	\$ 2,428.67
Payment	17	04/01/16	06/30/16	91	3.460%	\$ 2,428.67	\$ 20.89	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,449.56	\$ 2,449.56
		07/01/16	09/30/16	92	3.500%	\$ 2,449.56	\$ 21.55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,471.11	\$ 2,471.11
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 2,471.11	\$ 21.74	\$ 3.54	\$ -	\$ 3.54	\$ 121.10	\$ 124.64	\$ 2,492.85	\$ 2,368.21
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,368.21	\$ -	\$ 3.54	\$ 20.44	\$ 23.98	\$ 121.10	\$ 145.08	\$ 2,388.65	\$ 2,243.57
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,243.57	\$ -	\$ 3.54	\$ 20.75	\$ 24.29	\$ 121.10	\$ 145.39	\$ 2,264.32	\$ 2,118.92
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,118.92	\$ -	\$ 3.54	\$ 21.15	\$ 24.69	\$ 121.10	\$ 145.79	\$ 2,140.07	\$ 1,994.28
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,994.28	\$ -	\$ 3.54	\$ 21.16	\$ 24.70	\$ 121.10	\$ 145.80	\$ 2,015.44	\$ 1,869.64
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,869.64	\$ -	\$ 3.54	\$ 19.59	\$ 23.14	\$ 121.10	\$ 144.24	\$ 1,889.23	\$ 1,745.00
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,745.00	\$ -	\$ 3.54	\$ 19.45	\$ 22.99	\$ 121.10	\$ 144.09	\$ 1,764.44	\$ 1,620.35
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,620.35	\$ -	\$ 3.54	\$ 19.15	\$ 22.70	\$ 121.10	\$ 143.80	\$ 1,639.51	\$ 1,495.71
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,495.71	\$ -	\$ 3.54	\$ 18.70	\$ 22.24	\$ 121.10	\$ 143.34	\$ 1,514.41	\$ 1,371.07
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,371.07	\$ -	\$ 3.54	\$ 17.51	\$ 21.05	\$ 121.10	\$ 142.15	\$ 1,388.58	\$ 1,246.43
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,246.43	\$ -	\$ 3.54	\$ 16.94	\$ 20.48	\$ 121.10	\$ 141.58	\$ 1,263.36	\$ 1,121.78
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,121.78	\$ -	\$ 3.54	\$ 17.00	\$ 20.55	\$ 121.10	\$ 141.65	\$ 1,138.79	\$ 997.14
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 997.14	\$ -	\$ 3.54	\$ 15.71	\$ 19.25	\$ 121.10	\$ 140.35	\$ 1,012.85	\$ 872.50
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 872.50	\$ -	\$ 3.54	\$ 13.63	\$ 17.17	\$ 121.10	\$ 138.27	\$ 886.13	\$ 747.86
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 747.86	\$ -	\$ 3.54	\$ 12.09	\$ 15.63	\$ 121.10	\$ 136.73	\$ 759.95	\$ 623.21
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 623.21	\$ -	\$ 3.54	\$ 10.18	\$ 13.73	\$ 121.10	\$ 134.83	\$ 633.40	\$ 498.57
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 498.57	\$ -	\$ 3.54	\$ 8.15	\$ 11.69	\$ 121.10	\$ 132.79	\$ 506.72	\$ 373.93
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 373.93	\$ -	\$ 3.54	\$ 5.99	\$ 9.54	\$ 121.10	\$ 130.64	\$ 379.92	\$ 249.29
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 249.29	\$ -	\$ 3.54	\$ 4.04	\$ 7.58	\$ 121.10	\$ 128.68	\$ 253.33	\$ 124.64
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 124.64	\$ -	\$ 3.54	\$ 2.04	\$ 5.59	\$ 121.10	\$ 126.69	\$ 126.69	\$ 0.00
						\$ 33,453.43	\$ 70.85	\$ 70.85	\$ 283.69	\$ 354.54	\$ 2,422.00	\$ 2,776.54	\$ 33,807.97	\$ 31,031.43

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
	Total	\$ 725,227.00	\$ -	\$ -	\$ 725,227.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
Grand Total		\$ 725,227.00	\$ -	\$ -	\$ 725,227.00

In-Service Date: COD:	Estimate 09/01/13	Actual 09/01/13	Comments/Notes
	09/01/16	12/31/16	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Facility Cost 01					Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
N/A	Q3/2013	09/01/13	09/30/13	30	3.250%	\$ 725,227.00	\$ 1,937.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 727,164.25	\$ 727,164.25
N/A	Q4/2013	10/01/13	12/31/13	92	3.250%	\$ 727,164.25	\$ 5,956.77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 733,121.02	\$ 733,121.02
N/A	Q1/2014	01/01/14	03/31/14	90	3.250%	\$ 733,121.02	\$ 5,875.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 738,996.03	\$ 738,996.03
N/A	Q2/2014	04/01/14	06/30/14	91	3.250%	\$ 738,996.03	\$ 5,987.89	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 744,983.92	\$ 744,983.92
N/A	Q3/2014	07/01/14	09/30/14	92	3.250%	\$ 744,983.92	\$ 6,102.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 751,086.67	\$ 751,086.67
N/A	Q4/2014	10/01/14	12/31/14	92	3.250%	\$ 751,086.67	\$ 6,152.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 757,239.41	\$ 757,239.41
N/A	Q1/2015	01/01/15	03/31/15	90	3.250%	\$ 757,239.41	\$ 6,068.29	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 763,307.69	\$ 763,307.69
N/A	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 763,307.69	\$ 6,184.88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 769,492.58	\$ 769,492.58
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 769,492.58	\$ 6,303.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 775,796.09	\$ 775,796.09
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 775,796.09	\$ 6,355.15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 782,151.24	\$ 782,151.24
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 782,151.24	\$ 6,320.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 788,471.50	\$ 788,471.50
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 788,471.50	\$ 6,783.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 795,254.51	\$ 795,254.51
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 795,254.51	\$ 6,996.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 802,251.01	\$ 802,251.01
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 802,251.01	\$ 7,058.06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 809,309.06	\$ 809,309.06
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 809,309.06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 809,309.06	\$ 809,309.06
N/A	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 809,309.06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 809,309.06	\$ 809,309.06
01-04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 809,309.06	\$ -	\$ 16,816.41	\$ 8,078.01	\$ 24,894.43	\$ 145,045.40	\$ 169,939.83	\$ 817,387.08	\$ 647,447.25
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 647,447.25	\$ -	\$ 4,204.10	\$ 6,870.39	\$ 11,074.49	\$ 36,261.35	\$ 47,335.84	\$ 654,317.64	\$ 606,981.80
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 606,981.80	\$ -	\$ 4,204.10	\$ 6,360.84	\$ 10,564.94	\$ 36,261.35	\$ 46,826.29	\$ 613,342.63	\$ 566,516.34
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 566,516.34	\$ -	\$ 4,204.10	\$ 6,313.48	\$ 10,517.58	\$ 36,261.35	\$ 46,778.93	\$ 572,829.82	\$ 526,050.89
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 526,050.89	\$ -	\$ 4,204.10	\$ 6,218.64	\$ 10,422.75	\$ 36,261.35	\$ 46,684.10	\$ 532,269.53	\$ 485,585.44
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 485,585.44	\$ -	\$ 4,204.10	\$ 6,070.75	\$ 10,274.85	\$ 36,261.35	\$ 46,536.20	\$ 491,656.19	\$ 445,119.98
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 445,119.98	\$ -	\$ 4,204.10	\$ 5,685.34	\$ 9,889.44	\$ 36,261.35	\$ 46,150.79	\$ 450,805.32	\$ 404,654.53
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 404,654.53	\$ -	\$ 4,204.10	\$ 5,498.31	\$ 9,702.42	\$ 36,261.35	\$ 45,963.77	\$ 410,152.84	\$ 364,189.08
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 364,189.08	\$ -	\$ 4,204.10	\$ 5,520.00	\$ 9,724.11	\$ 36,261.35	\$ 45,985.46	\$ 369,709.08	\$ 323,723.62
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 323,723.62	\$ -	\$ 4,204.10	\$ 5,100.22	\$ 9,304.33	\$ 36,261.35	\$ 45,565.68	\$ 328,823.85	\$ 283,258.17
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 283,258.17	\$ -	\$ 4,204.10	\$ 4,425.78	\$ 8,629.88	\$ 36,261.35	\$ 44,891.23	\$ 287,683.95	\$ 242,792.72
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 242,792.72	\$ -	\$ 4,204.10	\$ 3,925.09	\$ 8,129.20	\$ 36,261.35	\$ 44,390.55	\$ 246,717.81	\$ 202,327.27
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 202,327.27	\$ -	\$ 4,204.10	\$ 3,306.42	\$ 7,510.52	\$ 36,261.35	\$ 43,771.87	\$ 205,633.69	\$ 161,861.81
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 161,861.81	\$ -	\$ 4,204.10	\$ 2,645.26	\$ 6,849.36	\$ 36,261.35	\$ 43,110.71	\$ 164,507.07	\$ 121,396.36
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 121,396.36	\$ -	\$ 4,204.10	\$ 1,946.13	\$ 6,150.23	\$ 36,261.35	\$ 42,411.58	\$ 123,342.49	\$ 80,930.91
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 80,930.91	\$ -	\$ 4,204.10	\$ 1,311.84	\$ 5,515.94	\$ 36,261.35	\$ 41,777.29	\$ 82,242.74	\$ 40,465.45
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 40,465.45	\$ -	\$ 4,204.10	\$ 663.13	\$ 4,867.23	\$ 36,261.35	\$ 41,128.58	\$ 41,128.58	\$ 0.00

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC	Cost	
01	08/25/14	\$ 122,331.00	\$ -	\$ 551.59	\$ 122,882.59
02	10/22/14	\$ 244,833.00	\$ -	\$ 1,103.98	\$ 245,936.98
03	01/30/15	\$ 438,246.00	\$ -	\$ 1,975.70	\$ 440,221.70
04	04/30/15	\$ 636,964.00	\$ -	\$ 2,872.64	\$ 639,836.64
05	07/31/15	\$ 704,283.00	\$ -	\$ 3,176.08	\$ 707,459.08
06	11/12/15	\$ 326,703.73	\$ -	\$ 1,474.19	\$ 328,177.92
07	02/01/16	\$ -	\$ -	\$ -	\$ -
08	05/01/16	\$ -	\$ -	\$ -	\$ -
09	08/01/16	\$ -	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -	\$ -
	Total	\$ 2,473,360.73	\$ -	\$ 11,154.18	\$ 2,484,514.91

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest						Facility Cost					
								Accrued Interest (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)				
N/A	Q2/2016	06/07/16	06/30/16	24	3.460%	\$ 2,473,360.73	\$ 5,611.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,478,972.42	\$ 2,478,972.42				
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 2,478,972.42	\$ 21,809.54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,781.96	\$ 2,500,781.96				
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 2,500,781.96	\$ 22,001.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,522,783.37	\$ 2,522,783.37				
01	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,522,783.37	\$ 21,771.97	\$ 3,559.73	\$ 22,359.29	\$ 25,919.02	\$ 123,668.04	\$ 127,227.77	\$ 127,227.77	\$ 2,544,555.34	\$ 2,417,327.57				
02	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,417,327.57	\$ -	\$ 3,559.73	\$ 22,858.33	\$ 26,418.06	\$ 123,668.04	\$ 149,587.05	\$ 149,587.05	\$ 2,439,686.86	\$ 2,290,099.81				
03	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,290,099.81	\$ -	\$ 3,559.73	\$ 22,951.33	\$ 26,511.06	\$ 123,668.04	\$ 150,086.10	\$ 150,086.10	\$ 2,312,958.14	\$ 2,162,872.04				
04	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 2,162,872.04	\$ -	\$ 3,559.73	\$ 21,332.44	\$ 24,892.17	\$ 123,668.04	\$ 148,560.20	\$ 148,560.20	\$ 2,056,976.71	\$ 1,908,416.51				
05	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 2,035,644.27	\$ -	\$ 3,559.73	\$ 21,268.13	\$ 24,827.86	\$ 123,668.04	\$ 148,495.89	\$ 148,495.89	\$ 1,929,684.63	\$ 1,781,188.74				
06	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,908,416.51	\$ -	\$ 3,559.73	\$ 21,056.09	\$ 24,615.82	\$ 123,668.04	\$ 148,283.86	\$ 148,283.86	\$ 1,802,244.83	\$ 1,653,960.97				
07	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,781,188.74	\$ -	\$ 3,559.73	\$ 20,677.68	\$ 24,237.41	\$ 123,668.04	\$ 147,905.45	\$ 147,905.45	\$ 1,674,638.66	\$ 1,526,733.20				
08	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,653,960.97	\$ -	\$ 3,559.73	\$ 19,500.36	\$ 23,060.09	\$ 123,668.04	\$ 146,728.12	\$ 146,728.12	\$ 1,546,233.56	\$ 1,399,505.44				
09	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,526,733.20	\$ -	\$ 3,559.73	\$ 19,016.02	\$ 22,575.75	\$ 123,668.04	\$ 146,243.79	\$ 146,243.79	\$ 1,418,521.46	\$ 1,272,277.67				
10	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,399,505.44	\$ -	\$ 3,559.73	\$ 19,283.88	\$ 22,843.61	\$ 123,668.04	\$ 146,511.64	\$ 146,511.64	\$ 1,291,561.55	\$ 1,145,049.90				
11	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,272,277.67	\$ -	\$ 3,559.73	\$ 18,040.11	\$ 21,599.84	\$ 123,668.04	\$ 145,267.88	\$ 145,267.88	\$ 1,163,090.01	\$ 1,017,822.14				
12	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 1,145,094.90	\$ -	\$ 3,559.73	\$ 15,902.99	\$ 19,462.72	\$ 123,668.04	\$ 143,130.76	\$ 143,130.76	\$ 1,033,725.13	\$ 890,594.37				
13	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 1,017,822.14	\$ -	\$ 3,559.73	\$ 14,397.74	\$ 17,957.47	\$ 123,668.04	\$ 141,625.51	\$ 141,625.51	\$ 904,992.11	\$ 763,366.60				
14	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 890,594.37	\$ -	\$ 3,559.73	\$ 12,474.89	\$ 16,034.62	\$ 123,668.04	\$ 139,702.66	\$ 139,702.66	\$ 775,841.50	\$ 636,138.84				
15	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 763,366.60	\$ -	\$ 3,559.73	\$ 10,396.22	\$ 13,955.95	\$ 123,668.04	\$ 137,623.99	\$ 137,623.99	\$ 646,535.05	\$ 508,911.07				
16	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 636,138.84	\$ -	\$ 3,559.73	\$ 8,158.46	\$ 11,718.19	\$ 123,668.04	\$ 135,386.23	\$ 135,386.23	\$ 517,069.53	\$ 381,683.30				
17	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 508,911.07	\$ -	\$ 3,559.73	\$ 6,186.83	\$ 9,746.56	\$ 123,668.04	\$ 133,414.60	\$ 133,414.60	\$ 387,870.14	\$ 254,455.53				
18	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 381,683.30	\$ -	\$ 3,559.73	\$ 4,169.88	\$ 7,729.61	\$ 123,668.04	\$ 131,397.65	\$ 131,397.65	\$ 258,625.41	\$ 127,227.77				
19	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 254,455.53	\$ -	\$ 3,559.73	\$ 2,084.94	\$ 5,644.67	\$ 123,668.04	\$ 129,312.71	\$ 129,312.71	\$ 0.00					
						\$ 34,149,174.22	\$ 71,194.61	\$ 71,194.61	\$ 302,115.61	\$ 373,310.22	\$ 2,473,360.73	\$ 2,846,670.95	\$ 34,522,484.44	\$ 31,675,813.49					

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest						One-Time Costs 01					
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)				
N/A	Q3/2014	08/25/14	09/30/14	37	3.250%	\$ 551.59	\$ 1.82	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 553.41	\$ 553.41				
N/A	Q4/2014	10/01/14	12/31/14	92	3.250%	\$ 553.41	\$ 4.53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 557.94	\$ 557.94				
N/A	Q1/2015	01/01/15	03/31/15	90	3.250%	\$ 557.94	\$ 4.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 562.41	\$ 562.41				
N/A	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 562.41	\$ 4.56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 566.97	\$ 566.97				
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 566.97	\$ 4.64	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 571.61	\$ 571.61				
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 571.61	\$ 4.68	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 576.30	\$ 576.30				
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 576.30	\$ 4.66	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 580.95	\$ 580.95				
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 580.95	\$ 5.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 585.95	\$ 585.95				
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 585.95	\$ 5.16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 591.11	\$ 591.11				
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 591.11	\$ 5.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 596.31	\$ 596.31				
01	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 596.31	\$ 5.15	\$ 2.49	\$ -	\$ 2.49	\$ 2.49	\$ 27.58	\$ 30.07	\$ 601.45	\$ 571.38				
02	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 571.38	\$ -	\$ 2.49	\$ 5.29	\$ 7.78	\$ 27.58	\$ 35.36	\$ 576.66	\$ 541.31					
03	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 541.31	\$ -	\$ 2.49	\$ 5.40	\$ 7.90	\$ 27.58	\$ 35.48	\$ 546.71	\$ 511.23					
04	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 511.23	\$ -	\$ 2.49	\$ 5.42	\$ 7.92	\$ 27.58	\$ 35.50	\$ 516.66	\$ 481.16					
05	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 481.16	\$ -	\$ 2.49	\$ 5.04	\$ 7.54	\$ 27.58	\$ 35.11	\$ 486.20	\$ 451.09					
06	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 451.09	\$ -	\$ 2.49	\$ 5.03	\$ 7.52	\$ 27.58	\$ 35.10	\$ 456.12	\$ 421.02					
07	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 421.02	\$ -	\$ 2.49	\$ 4.98	\$ 7.47	\$ 27.58	\$ 35.05	\$ 425.99	\$ 390.94					
08	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 390.94	\$ -	\$ 2.49	\$ 4.89	\$ 7.38	\$ 27.58	\$ 34.96	\$ 395.83	\$ 360.87					
09	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 360.87	\$ -	\$ 2.49	\$ 4.61	\$ 7.10	\$ 27.58	\$ 34.68	\$ 365.48	\$ 330.80					
10	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 330.80	\$ -	\$ 2.49	\$ 4.49	\$ 6.99	\$ 27.58	\$ 34.57	\$ 335.29	\$					

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC	Cost	
01	08/25/14	\$ 122,331.00	\$ -	\$ 551.59	\$ 122,882.59
02	10/22/14	\$ 244,833.00	\$ -	\$ 1,103.98	\$ 245,936.98
03	01/30/15	\$ 438,246.00	\$ -	\$ 1,975.70	\$ 440,221.70
04	04/30/15	\$ 636,964.00	\$ -	\$ 2,872.64	\$ 639,836.64
05	07/31/15	\$ 704,283.00	\$ -	\$ 3,176.08	\$ 707,459.08
06	11/12/15	\$ 326,703.73	\$ -	\$ 1,474.19	\$ 328,177.92
07	02/01/16	\$ -	\$ -	\$ -	\$ -
08	05/01/16	\$ -	\$ -	\$ -	\$ -
09	08/01/16	\$ -	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -	\$ -
	Total	\$ 2,473,360.73	\$ -	\$ 11,154.18	\$ 2,484,514.91

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Facility Cost						
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
16	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 150.36	\$ -	\$ 2.49	\$ 2.46	\$ 4.95	\$ 27.58	\$ 32.53	\$ 152.82	\$ 120.29
17	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 120.29	\$ -	\$ 2.49	\$ 1.93	\$ 4.42	\$ 27.58	\$ 32.00	\$ 122.22	\$ 90.22
18	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 90.22	\$ -	\$ 2.49	\$ 1.46	\$ 3.96	\$ 27.58	\$ 31.53	\$ 91.68	\$ 60.15
19	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 60.15	\$ -	\$ 2.49	\$ 0.99	\$ 3.48	\$ 27.58	\$ 31.06	\$ 61.13	\$ 30.07
20	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 30.07	\$ -	\$ 2.49	\$ 0.49	\$ 2.99	\$ 27.58	\$ 30.57	\$ 30.57	\$ 0.00
						\$ 12,008.34	\$ 49.86	\$ 49.86	\$ 71.41	\$ 121.27	\$ 551.59	\$ 672.86	\$ 12,129.61	\$ 11,456.75

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	One-Time Costs 02						
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
N/A	Q4/2014	10/22/14	12/31/14	71	3.250%	\$ 1,103.98	\$ 6.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,110.96	\$ 1,110.96
N/A	Q1/2015	01/01/15	03/31/15	90	3.250%	\$ 1,110.96	\$ 8.90	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,119.86	\$ 1,119.86
N/A	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 1,119.86	\$ 9.07	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,128.94	\$ 1,128.94
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 1,128.94	\$ 9.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,138.18	\$ 1,138.18
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 1,138.18	\$ 9.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,147.51	\$ 1,147.51
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 1,147.51	\$ 9.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,156.78	\$ 1,156.78
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 1,156.78	\$ 9.95	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,166.73	\$ 1,166.73
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 1,166.73	\$ 10.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,177.00	\$ 1,177.00
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,177.00	\$ 10.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,187.35	\$ 1,187.35
01	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,187.35	\$ 10.25	\$ 4.68	\$ -	\$ 4.68	\$ 55.20	\$ 59.88	\$ 1,197.60	\$ 1,137.72
02	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,137.72	\$ -	\$ 4.68	\$ 10.52	\$ 15.20	\$ 55.20	\$ 70.40	\$ 1,148.24	\$ 1,077.84
03	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,077.84	\$ -	\$ 4.68	\$ 10.76	\$ 15.44	\$ 55.20	\$ 70.64	\$ 1,088.60	\$ 1,017.96
04	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,017.96	\$ -	\$ 4.68	\$ 10.80	\$ 15.48	\$ 55.20	\$ 70.68	\$ 1,028.76	\$ 958.08
05	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 958.08	\$ -	\$ 4.68	\$ 10.04	\$ 14.72	\$ 55.20	\$ 69.92	\$ 968.12	\$ 898.20
06	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 898.20	\$ -	\$ 4.68	\$ 10.01	\$ 14.69	\$ 55.20	\$ 69.89	\$ 908.21	\$ 838.32
07	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 838.32	\$ -	\$ 4.68	\$ 9.91	\$ 14.59	\$ 55.20	\$ 69.79	\$ 848.23	\$ 778.44
08	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 778.44	\$ -	\$ 4.68	\$ 9.73	\$ 14.41	\$ 55.20	\$ 69.61	\$ 788.17	\$ 718.56
09	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 718.56	\$ -	\$ 4.68	\$ 9.18	\$ 13.86	\$ 55.20	\$ 69.06	\$ 727.74	\$ 658.68
10	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 658.68	\$ -	\$ 4.68	\$ 8.95	\$ 13.63	\$ 55.20	\$ 68.83	\$ 667.63	\$ 598.80
11	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 598.80	\$ -	\$ 4.68	\$ 9.08	\$ 13.76	\$ 55.20	\$ 68.96	\$ 607.88	\$ 538.92
12	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 538.92	\$ -	\$ 4.68	\$ 8.49	\$ 13.17	\$ 55.20	\$ 68.37	\$ 547.41	\$ 479.04
13	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 479.04	\$ -	\$ 4.68	\$ 7.48	\$ 12.17	\$ 55.20	\$ 67.36	\$ 486.52	\$ 419.16
14	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 419.16	\$ -	\$ 4.68	\$ 6.78	\$ 11.46	\$ 55.20	\$ 66.66	\$ 425.94	\$ 359.28
15	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 359.28	\$ -	\$ 4.68	\$ 5.87	\$ 10.55	\$ 55.20	\$ 65.75	\$ 365.15	\$ 299.40
16	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 299.40	\$ -	\$ 4.68	\$ 4.89	\$ 9.57	\$ 55.20	\$ 64.77	\$ 304.29	\$ 239.52
17	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 239.52	\$ -	\$ 4.68	\$ 3.84	\$ 8.52	\$ 55.20	\$ 63.72	\$ 243.36	\$ 179.64
18	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 179.64	\$ -	\$ 4.68	\$ 2.91	\$ 7.59	\$ 55.20	\$ 62.79	\$ 182.55	\$ 119.76
19	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 119.76	\$ -	\$ 4.68	\$ 1.96	\$ 6.64	\$ 55.20	\$ 61.84	\$ 121.72	\$ 59.88
20	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 59.88	\$ -	\$ 4.68	\$ 0.98	\$ 5.66	\$ 55.20	\$ 60.86	\$ 60.86	\$ 0.00
						\$ 22,814.48	\$ 93.62	\$ 93.62	\$ 142.19	\$ 235.81	\$ 1,103.98	\$ 1,339.79	\$ 23,050.29	\$ 21,710.50

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	One-Time Costs 03						
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
N/A	Q1/2015	01/30/15	03/31/15	61	3.250%	\$ 1,975.70	\$ 10.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,986.43	\$ 1,986.43
N/A	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 1,986.43	\$ 16.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,002.53	\$ 2,002.53
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 2,002.53	\$ 16.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,018.93	\$ 2,018.93
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 2,018.93	\$ 16.54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,035.47	\$ 2,035.47
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 2,035.47	\$ 16.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,051.92	\$ 2,051.92
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 2,051.92	\$ 17.65	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,069.57	\$ 2,069.57
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 2,069.57	\$ 18.21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,087.78	\$ 2,087.78
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 2,087.78	\$ 18.37	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,106.14	\$ 2,106.14
01	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,106.14	\$ 18.18	\$ 7.43	\$ -	\$ 7.43	\$ 98.79	\$ 106.22	\$ 2,124.32	\$ 2,018.11

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC	Cost	
01	08/25/14	\$ 122,331.00	\$ -	\$ 551.59	\$ 122,882.59
02	10/22/14	\$ 244,833.00	\$ -	\$ 1,103.98	\$ 245,936.98
03	01/30/15	\$ 438,246.00	\$ -	\$ 1,975.70	\$ 440,221.70
04	04/30/15	\$ 636,964.00	\$ -	\$ 2,872.64	\$ 639,836.64
05	07/31/15	\$ 704,283.00	\$ -	\$ 3,176.08	\$ 707,459.08
06	11/12/15	\$ 326,703.73	\$ -	\$ 1,474.19	\$ 328,177.92
07	02/01/16	\$ -	\$ -	\$ -	\$ -
08	05/01/16	\$ -	\$ -	\$ -	\$ -
09	08/01/16	\$ -	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -	\$ -
	Total	\$ 2,473,360.73	\$ -	\$ 11,154.18	\$ 2,484,514.91

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest	Facility Cost											
									Accrued Interest	Quarterly Interest	Total Interest			Refund (A)	Refund (B)	Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
02	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,018.11	\$ -	-	\$ 7.43	\$ 18.67	\$ 26.10	\$ 98.79	\$ 124.88	\$ 2,036.77	\$ 1,911.89	\$ -	\$ -	\$ -	\$ -	\$ -
03	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,911.89	\$ -	-	\$ 7.43	\$ 19.08	\$ 26.51	\$ 98.79	\$ 125.30	\$ 1,930.97	\$ 1,805.67	\$ -	\$ -	\$ -	\$ -	\$ -
04	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,805.67	\$ -	-	\$ 7.43	\$ 19.16	\$ 26.59	\$ 98.79	\$ 125.38	\$ 1,824.83	\$ 1,699.46	\$ -	\$ -	\$ -	\$ -	\$ -
05	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,699.46	\$ -	-	\$ 7.43	\$ 17.81	\$ 25.24	\$ 98.79	\$ 124.03	\$ 1,717.27	\$ 1,593.24	\$ -	\$ -	\$ -	\$ -	\$ -
06	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,593.24	\$ -	-	\$ 7.43	\$ 17.76	\$ 25.19	\$ 98.79	\$ 123.97	\$ 1,611.00	\$ 1,487.02	\$ -	\$ -	\$ -	\$ -	\$ -
07	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,487.02	\$ -	-	\$ 7.43	\$ 17.58	\$ 25.01	\$ 98.79	\$ 123.79	\$ 1,504.60	\$ 1,380.81	\$ -	\$ -	\$ -	\$ -	\$ -
08	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,380.81	\$ -	-	\$ 7.43	\$ 17.26	\$ 24.69	\$ 98.79	\$ 123.48	\$ 1,398.07	\$ 1,274.59	\$ -	\$ -	\$ -	\$ -	\$ -
09	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,274.59	\$ -	-	\$ 7.43	\$ 16.28	\$ 23.71	\$ 98.79	\$ 122.50	\$ 1,290.87	\$ 1,168.38	\$ -	\$ -	\$ -	\$ -	\$ -
10	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,168.38	\$ -	-	\$ 7.43	\$ 15.88	\$ 23.31	\$ 98.79	\$ 122.09	\$ 1,184.25	\$ 1,062.16	\$ -	\$ -	\$ -	\$ -	\$ -
11	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,062.16	\$ -	-	\$ 7.43	\$ 16.10	\$ 23.53	\$ 98.79	\$ 122.32	\$ 1,078.26	\$ 955.94	\$ -	\$ -	\$ -	\$ -	\$ -
12	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 955.94	\$ -	-	\$ 7.43	\$ 15.06	\$ 22.49	\$ 98.79	\$ 121.28	\$ 971.01	\$ 849.73	\$ -	\$ -	\$ -	\$ -	\$ -
13	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 849.73	\$ -	-	\$ 7.43	\$ 13.28	\$ 20.71	\$ 98.79	\$ 119.49	\$ 863.01	\$ 743.51	\$ -	\$ -	\$ -	\$ -	\$ -
14	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 743.51	\$ -	-	\$ 7.43	\$ 12.02	\$ 19.45	\$ 98.79	\$ 118.24	\$ 755.53	\$ 637.30	\$ -	\$ -	\$ -	\$ -	\$ -
15	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 637.30	\$ -	-	\$ 7.43	\$ 10.41	\$ 17.85	\$ 98.79	\$ 116.63	\$ 647.71	\$ 531.08	\$ -	\$ -	\$ -	\$ -	\$ -
16	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 531.08	\$ -	-	\$ 7.43	\$ 8.68	\$ 16.11	\$ 98.79	\$ 114.90	\$ 539.76	\$ 424.86	\$ -	\$ -	\$ -	\$ -	\$ -
17	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 424.86	\$ -	-	\$ 7.43	\$ 6.81	\$ 14.24	\$ 98.79	\$ 113.03	\$ 431.68	\$ 318.65	\$ -	\$ -	\$ -	\$ -	\$ -
18	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 318.65	\$ -	-	\$ 7.43	\$ 5.17	\$ 12.60	\$ 98.79	\$ 111.38	\$ 323.81	\$ 212.43	\$ -	\$ -	\$ -	\$ -	\$ -
19	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 212.43	\$ -	-	\$ 7.43	\$ 3.48	\$ 10.91	\$ 98.79	\$ 109.70	\$ 215.91	\$ 106.22	\$ -	\$ -	\$ -	\$ -	\$ -
20	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 106.22	\$ -	-	\$ 7.43	\$ 1.74	\$ 9.17	\$ 98.79	\$ 107.96	\$ 107.96	\$ 0.00	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ 38,515.52	\$ 148.62		\$ 148.62	\$ 252.22	\$ 400.84	\$ 1,975.70	\$ 2,376.54	\$ 38,916.36	\$ 36,539.82					
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest	One-Time Costs 04						Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)				
									Accrued Interest	Quarterly Interest	Total Interest			Refund (A)			Refund (B)	Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)
N/A	Q2/2015	04/30/15	06/30/15	62	3.250%	\$ 2,872.64	\$ 15.86	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,888.50	\$ 2,888.50	\$ 2,888.50	\$ 2,888.50	\$ 2,888.50	
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 2,888.50	\$ 23.66	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,912.16	\$ 2,912.16	\$ 2,912.16	\$ 2,912.16	\$ 2,912.16	
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 2,912.16	\$ 23.86	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,936.02	\$ 2,936.02	\$ 2,936.02	\$ 2,936.02	\$ 2,936.02	
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 2,936.02	\$ 23.72	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,959.74	\$ 2,959.74	\$ 2,959.74	\$ 2,959.74	\$ 2,959.74	
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 2,959.74	\$ 25.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,985.20	\$ 2,985.20	\$ 2,985.20	\$ 2,985.20	\$ 2,985.20	
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 2,985.20	\$ 26.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,011.47	\$ 3,011.47	\$ 3,011.47	\$ 3,011.47	\$ 3,011.47	
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 3,011.47	\$ 26.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,037.96	\$ 3,037.96	\$ 3,037.96	\$ 3,037.96	\$ 3,037.96	
01	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 3,037.96	\$ 26.22	\$ 9.58	\$ -	\$ 9.58	\$ 143.63	\$ 153.21	\$ 3,064.18	\$ 2,910.97	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,910.97	\$ -	\$ 9.58	\$ 26.93	\$ 36.50	\$ 143.63	\$ 180.13	\$ 2,937.89	\$ 2,757.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
03	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,757.76	\$ -	\$ 9.58	\$ 27.53	\$ 37.10	\$ 143.63	\$ 180.74	\$ 2,785.29	\$ 2,604.55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 2,604.55	\$ -	\$ 9.58	\$ 27.64	\$ 37.22	\$ 143.63	\$ 180.85	\$ 2,632.19	\$ 2,451.34	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
05	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 2,451.34	\$ -	\$ 9.58	\$ 25.69	\$ 35.27	\$ 143.63	\$ 178.90	\$ 2,477.03	\$ 2,298.13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
06	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 2,298.13	\$ -	\$ 9.58	\$ 25.61	\$ 35.19	\$ 143.63	\$ 178.82	\$ 2,323.75	\$ 2,144.92	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 2,144.92	\$ -	\$ 9.58	\$ 25.36	\$ 34.93	\$ 143.63	\$ 178.56	\$ 2,170.28	\$ 1,991.72	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
08	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,991.72	\$ -	\$ 9.58	\$ 24.90	\$ 34.48	\$ 143.63	\$ 178.11	\$ 2,016.62	\$ 1,838.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
09	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,838.51	\$ -	\$ 9.58	\$ 23.48	\$ 33.06	\$ 143.63	\$ 176.69	\$ 1,861.99	\$ 1,685.30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,685.30	\$ -	\$ 9.58	\$ 22.90	\$ 32.48	\$ 143.63	\$ 176.11	\$ 1,708.20	\$ 1,532.09	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,532.09	\$ -	\$ 9.58	\$ 23.22	\$ 32.80	\$ 143.63	\$ 176.43	\$ 1,555.31	\$ 1,378.88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 1,378.88	\$ -	\$ 9.58	\$ 21.72	\$ 31.30	\$ 143.63	\$ 174.93	\$ 1,400.60	\$ 1,225.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 1,225.67	\$ -	\$ 9.58	\$ 19.15	\$ 28.73	\$ 143.63	\$ 172.36	\$ 1,244.82	\$ 1,072.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 1,072.46	\$ -	\$ 9.58	\$ 17.34	\$ 26.91	\$ 143.63	\$ 170.55	\$ 1,089.80	\$ 919.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 919.25	\$ -	\$ 9.58	\$ 15.02	\$ 24.60	\$ 143.63	\$ 168.23	\$ 934.28	\$ 766.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 766.04	\$ -	\$ 9.58	\$ 12.52	\$ 22.10	\$ 143.63	\$ 165.73	\$ 778.56	\$ 612.84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 612.84	\$ -	\$ 9.58	\$ 9.82	\$ 19.40	\$ 143.63	\$ 163.03	\$ 622.66	\$ 459.63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 459.63	\$ -	\$ 9.58	\$ 7.45	\$ 17.03	\$ 143.63	\$								

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	08/25/14	\$ 122,331.00	\$ -	\$ 551.59	\$ 122,882.59
02	10/22/14	\$ 244,833.00	\$ -	\$ 1,103.98	\$ 245,936.98
03	01/30/15	\$ 438,246.00	\$ -	\$ 1,975.70	\$ 440,221.70
04	04/30/15	\$ 636,964.00	\$ -	\$ 2,872.64	\$ 639,836.64
05	07/31/15	\$ 704,283.00	\$ -	\$ 3,176.08	\$ 707,459.08
06	11/12/15	\$ 326,703.73	\$ -	\$ 1,474.19	\$ 328,177.92
07	02/01/16	\$ -	\$ -	\$ -	\$ -
08	05/01/16	\$ -	\$ -	\$ -	\$ -
09	08/01/16	\$ -	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -	\$ -
	Total	\$ 2,473,360.73	\$ -	\$ 11,154.18	\$ 2,484,514.91

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Facility Cost					Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
N/A	Q3/2015	07/31/15	09/30/15	62	3.250%	\$ 3,176.08	\$ 17.53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,193.61	\$ 3,193.61
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 3,193.61	\$ 26.16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,219.78	\$ 3,219.78
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 3,219.78	\$ 26.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,245.79	\$ 3,245.79
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 3,245.79	\$ 27.92	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,273.72	\$ 3,273.72
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 3,273.72	\$ 28.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,302.52	\$ 3,302.52
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 3,302.52	\$ 29.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,331.57	\$ 3,331.57
01	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 3,331.57	\$ 28.75	\$ 9.21	\$ -	\$ 9.21	\$ 158.80	\$ 168.02	\$ 3,360.32	\$ 3,192.31
02	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 3,192.31	\$ -	\$ 9.21	\$ 29.53	\$ 38.74	\$ 158.80	\$ 197.54	\$ 3,221.84	\$ 3,024.29
03	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 3,024.29	\$ -	\$ 9.21	\$ 30.19	\$ 39.40	\$ 158.80	\$ 198.20	\$ 3,054.48	\$ 2,856.28
04	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 2,856.28	\$ -	\$ 9.21	\$ 30.31	\$ 39.52	\$ 158.80	\$ 198.33	\$ 2,886.58	\$ 2,688.26
05	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 2,688.26	\$ -	\$ 9.21	\$ 28.17	\$ 37.38	\$ 158.80	\$ 196.19	\$ 2,716.43	\$ 2,520.24
06	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 2,520.24	\$ -	\$ 9.21	\$ 28.09	\$ 37.30	\$ 158.80	\$ 196.10	\$ 2,548.33	\$ 2,352.23
07	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 2,352.23	\$ -	\$ 9.21	\$ 27.81	\$ 37.02	\$ 158.80	\$ 195.82	\$ 2,380.03	\$ 2,184.21
08	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 2,184.21	\$ -	\$ 9.21	\$ 27.31	\$ 36.52	\$ 158.80	\$ 195.32	\$ 2,211.52	\$ 2,016.19
09	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 2,016.19	\$ -	\$ 9.21	\$ 25.75	\$ 34.96	\$ 158.80	\$ 193.77	\$ 2,041.95	\$ 1,848.18
10	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,848.18	\$ -	\$ 9.21	\$ 25.11	\$ 34.32	\$ 158.80	\$ 193.13	\$ 1,873.29	\$ 1,680.16
11	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 1,680.16	\$ -	\$ 9.21	\$ 25.47	\$ 34.68	\$ 158.80	\$ 193.48	\$ 1,705.63	\$ 1,512.15
12	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 1,512.15	\$ -	\$ 9.21	\$ 23.82	\$ 33.04	\$ 158.80	\$ 191.84	\$ 1,535.97	\$ 1,344.13
13	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 1,344.13	\$ -	\$ 9.21	\$ 21.00	\$ 30.21	\$ 158.80	\$ 189.02	\$ 1,365.13	\$ 1,176.11
14	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 1,176.11	\$ -	\$ 9.21	\$ 19.01	\$ 28.23	\$ 158.80	\$ 187.03	\$ 1,195.13	\$ 1,008.10
15	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 1,008.10	\$ -	\$ 9.21	\$ 16.47	\$ 25.69	\$ 158.80	\$ 184.49	\$ 1,024.57	\$ 840.08
16	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 840.08	\$ -	\$ 9.21	\$ 13.73	\$ 22.94	\$ 158.80	\$ 181.75	\$ 853.81	\$ 672.06
17	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 672.06	\$ -	\$ 9.21	\$ 10.77	\$ 19.99	\$ 158.80	\$ 178.79	\$ 682.84	\$ 504.05
18	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 504.05	\$ -	\$ 9.21	\$ 8.17	\$ 17.38	\$ 158.80	\$ 176.19	\$ 512.22	\$ 336.03
19	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 336.03	\$ -	\$ 9.21	\$ 5.51	\$ 14.72	\$ 158.80	\$ 173.52	\$ 341.54	\$ 168.02
20	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 168.02	\$ -	\$ 9.21	\$ 2.75	\$ 11.97	\$ 158.80	\$ 170.77	\$ 170.77	\$ (0.00)
						\$ 54,666.14	\$ 184.24	\$ 184.24	\$ 398.97	\$ 583.22	\$ 3,176.08	\$ 3,759.30	\$ 55,249.36	\$ 51,490.06
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
N/A	Q4/2015	11/12/15	12/31/15	50	3.250%	\$ 1,474.19	\$ 6.56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,480.75	\$ 1,480.75
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 1,480.75	\$ 11.97	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,492.72	\$ 1,492.72
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 1,492.72	\$ 12.84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,505.56	\$ 1,505.56
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 1,505.56	\$ 13.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,518.81	\$ 1,518.81
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,518.81	\$ 13.36	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,532.17	\$ 1,532.17
01	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,532.17	\$ 13.22	\$ 3.56	\$ -	\$ 3.56	\$ 73.71	\$ 77.27	\$ 1,545.39	\$ 1,468.12
02	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,468.12	\$ -	\$ 3.56	\$ 13.58	\$ 17.14	\$ 73.71	\$ 90.85	\$ 1,481.70	\$ 1,390.85
03	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,390.85	\$ -	\$ 3.56	\$ 13.88	\$ 17.44	\$ 73.71	\$ 91.15	\$ 1,404.73	\$ 1,313.58
04	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,313.58	\$ -	\$ 3.56	\$ 13.94	\$ 17.50	\$ 73.71	\$ 91.21	\$ 1,327.52	\$ 1,236.31
05	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,236.31	\$ -	\$ 3.56	\$ 12.96	\$ 16.52	\$ 73.71	\$ 90.23	\$ 1,249.27	\$ 1,159.04
06	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,159.04	\$ -	\$ 3.56	\$ 12.92	\$ 16.48	\$ 73.71	\$ 90.19	\$ 1,171.96	\$ 1,081.77
07	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,081.77	\$ -	\$ 3.56	\$ 12.79	\$ 16.35	\$ 73.71	\$ 90.06	\$ 1,094.56	\$ 1,004.50
08	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,004.50	\$ -	\$ 3.56	\$ 12.56	\$ 16.12	\$ 73.71	\$ 89.83	\$ 1,017.06	\$ 927.23
09	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 927.23	\$ -	\$ 3.56	\$ 11.84	\$ 15.40	\$ 73.71	\$ 89.11	\$ 939.08	\$ 849.96
10	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 849.96	\$ -	\$ 3.56	\$ 11.55	\$ 15.11	\$ 73.71	\$ 88.82	\$ 861.51	\$ 772.70
11	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 772.70	\$ -	\$ 3.56	\$ 11.71	\$ 15.27	\$ 73.71	\$ 88.98	\$ 784.41	\$ 695.43
12	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 695.43	\$ -	\$ 3.56	\$ 10.96	\$ 14.52	\$ 73.71	\$ 88.23	\$ 706.38	\$ 618.16
13	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 618.16	\$ -	\$ 3.56	\$ 9.66	\$ 13.22	\$ 73.71	\$ 86.93	\$ 627.81	\$ 540.89
14	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 540.89	\$ -	\$ 3.56	\$ 8.74	\$ 12.30	\$ 73.71	\$ 86.01	\$ 549.63	\$ 463.62

Payment #	Date Payment Received	Facility Cost		ITCC	One-Time Cost		Total Cost
01	08/25/14	\$ 122,331.00	\$ -	\$ 551.59	\$ 122,882.59		
02	10/22/14	\$ 244,833.00	\$ -	\$ 1,103.98	\$ 245,936.98		
03	01/30/15	\$ 438,246.00	\$ -	\$ 1,975.70	\$ 440,221.70		
04	04/30/15	\$ 636,964.00	\$ -	\$ 2,872.64	\$ 639,836.64		
05	07/31/15	\$ 704,283.00	\$ -	\$ 3,176.08	\$ 707,459.08		
06	11/12/15	\$ 326,703.73	\$ -	\$ 1,474.19	\$ 328,177.92		
07	02/01/16			\$ -			
08	05/01/16			\$ -			
09	08/01/16			\$ -			
20	N/A	\$ -	\$ -	\$ -	\$ -		
	Total	\$ 2,473,360.73	\$ -	\$ 11,154.18	\$ 2,484,514.91		

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Facility Cost						
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
15	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 463.62	\$ -	\$ 3.56	\$ 7.58	\$ 11.14	\$ 73.71	\$ 84.85	\$ 471.19	\$ 386.35
16	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 386.35	\$ -	\$ 3.56	\$ 6.31	\$ 9.87	\$ 73.71	\$ 83.58	\$ 392.66	\$ 309.08
17	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 309.08	\$ -	\$ 3.56	\$ 4.95	\$ 8.51	\$ 73.71	\$ 82.22	\$ 314.03	\$ 231.81
18	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 231.81	\$ -	\$ 3.56	\$ 3.76	\$ 7.32	\$ 73.71	\$ 81.03	\$ 235.57	\$ 154.54
19	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 154.54	\$ -	\$ 3.56	\$ 2.53	\$ 6.09	\$ 73.71	\$ 79.80	\$ 157.07	\$ 77.27
20	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 77.27	\$ -	\$ 3.56	\$ 1.27	\$ 4.83	\$ 73.71	\$ 78.54	\$ 78.54	\$ 0.00
					\$ 23,685.41	\$ 71.20		\$ 71.20	\$ 183.48	\$ 254.69	\$ 1,474.19	\$ 1,728.88	\$ 23,940.09	\$ 22,211.22

Payment #	Date Received	One-Time Cost			\$ -
		Facility Cost	ITCC	Total Cost	
01	08/01/14	\$ 927,510.27	\$ -	\$ 4,182.82	\$ 931,693.09
		Total			
phase 1		\$ 1,030,566.97	\$ -	\$ 4,647.58	\$ 1,035,214.55
phase 2		\$ 1,442,793.76	\$ -	\$ 6,506.61	\$ 1,449,300.36
phase 3		\$ 927,510.27	\$ -	\$ 4,182.82	\$ 931,693.09
		\$ 3,400,871.00		\$ 15,337.00	\$ 3,416,208.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 927,510.27		\$ 4,182.82	\$ 931,693.09

In-Service Date:	Estimate	Actual	MW	Ratio
COD Phase 1:	06/07/16	06/07/16		
COD Phase 2:	07/15/16	07/25/16	100	0.303030303
COD Phase 3:	10/01/16	08/19/16	140	0.424242424
	11/30/16	11/30/16	90	0.272727273

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Facility Cost 06					Total Due (1) + (2) + (3)	Running Balance (3) - (E)
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
N/A	Q2/2016	06/07/16	06/30/16	24	3.460%	\$ 927,510.27	\$ 2,104.38	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 929,614.66	\$ 929,614.66
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 929,614.66	\$ 8,178.58	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 937,793.23	\$ 937,793.23
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 937,793.23	\$ 8,250.53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 946,043.76	\$ 946,043.76
01-02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 946,043.76	\$ 8,164.49	\$ 2,669.80	\$ 8,164.49	\$ 10,834.29	\$ 92,751.03	\$ 103,585.31	\$ 962,372.74	\$ 858,787.43
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 858,787.43	\$ -	\$ 1,334.90	\$ 7,943.43	\$ 9,278.33	\$ 46,375.51	\$ 55,653.84	\$ 866,730.86	\$ 811,077.01
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 811,077.01	\$ -	\$ 1,334.90	\$ 8,095.66	\$ 9,430.56	\$ 46,375.51	\$ 55,806.07	\$ 819,172.67	\$ 763,366.60
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 763,366.60	\$ -	\$ 1,334.90	\$ 8,100.47	\$ 9,435.37	\$ 46,375.51	\$ 55,810.88	\$ 771,467.07	\$ 715,656.19
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 715,656.19	\$ -	\$ 1,334.90	\$ 7,499.68	\$ 8,834.58	\$ 46,375.51	\$ 55,210.10	\$ 723,155.87	\$ 667,945.78
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 667,945.78	\$ -	\$ 1,334.90	\$ 7,443.84	\$ 8,778.74	\$ 46,375.51	\$ 55,154.26	\$ 675,389.62	\$ 620,235.36
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 620,235.36	\$ -	\$ 1,334.90	\$ 7,332.03	\$ 8,666.93	\$ 46,375.51	\$ 55,042.44	\$ 627,567.40	\$ 572,549.95
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 572,549.95	\$ -	\$ 1,334.90	\$ 7,157.66	\$ 8,492.56	\$ 46,375.51	\$ 54,868.07	\$ 579,682.61	\$ 524,814.54
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 524,814.54	\$ -	\$ 1,334.90	\$ 6,703.25	\$ 8,038.15	\$ 46,375.51	\$ 54,413.66	\$ 531,517.79	\$ 477,104.13
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 477,104.13	\$ -	\$ 1,334.90	\$ 6,482.73	\$ 7,817.63	\$ 46,375.51	\$ 54,193.15	\$ 483,586.86	\$ 429,393.71
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 429,393.71	\$ -	\$ 1,334.90	\$ 6,508.31	\$ 7,843.21	\$ 46,375.51	\$ 54,218.72	\$ 435,902.02	\$ 381,683.30
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 381,683.30	\$ -	\$ 1,334.90	\$ 6,013.37	\$ 7,348.27	\$ 46,375.51	\$ 53,723.78	\$ 387,696.67	\$ 333,972.89
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 333,972.89	\$ -	\$ 1,334.90	\$ 5,218.17	\$ 6,553.07	\$ 46,375.51	\$ 52,928.58	\$ 339,191.06	\$ 286,262.48
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 286,262.48	\$ -	\$ 1,334.90	\$ 4,627.85	\$ 5,962.74	\$ 46,375.51	\$ 52,338.26	\$ 290,890.32	\$ 238,552.06
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 238,552.06	\$ -	\$ 1,334.90	\$ 3,898.40	\$ 5,233.30	\$ 46,375.51	\$ 51,608.82	\$ 242,450.47	\$ 190,841.65
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 190,841.65	\$ -	\$ 1,334.90	\$ 3,118.87	\$ 4,453.76	\$ 46,375.51	\$ 50,829.28	\$ 193,960.52	\$ 143,131.24
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 143,131.24	\$ -	\$ 1,334.90	\$ 2,294.57	\$ 3,629.47	\$ 46,375.51	\$ 50,004.98	\$ 145,425.81	\$ 95,420.83
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 95,420.83	\$ -	\$ 1,334.90	\$ 1,546.71	\$ 2,881.61	\$ 46,375.51	\$ 49,257.12	\$ 96,967.53	\$ 47,710.41
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 47,710.41	\$ -	\$ 1,334.90	\$ 781.85	\$ 2,116.75	\$ 46,375.51	\$ 48,492.27	\$ 48,492.27	\$ (0.00)
						\$ 11,899,442.48	\$ 26,697.98	\$ 26,697.98	\$ 108,931.34	\$ 135,629.32	\$ 927,510.27	\$ 1,063,139.59	\$ 12,035,071.80	\$ 10,971,932.21

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	One-Time Costs 06					Total Due (1) + (2) + (3)	Running Balance (3) - (E)
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
N/A	Q4/2015	11/01/15	12/31/15	61	3.250%	\$ 1,141.37	\$ 6.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,147.57	\$ 1,147.57
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 1,147.57	\$ 9.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,156.84	\$ 1,156.84
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 1,156.84	\$ 9.95	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,166.79	\$ 1,166.79
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 1,166.79	\$ 10.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,177.06	\$ 1,177.06
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,177.09	\$ 10.36	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,187.42	\$ 1,187.42
01-02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,187.42	\$ 10.25	\$ 5.63	\$ 10.25	\$ 15.88	\$ 114.14	\$ 130.01	\$ 1,207.91	\$ 1,077.90
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,077.90	\$ -	\$ 2.81	\$ 9.97	\$ 12.78	\$ 57.07	\$ 69.85	\$ 1,087.87	\$ 1,018.01
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,018.01	\$ -	\$ 2.81	\$ 10.16	\$ 12.98	\$ 57.07	\$ 70.04	\$ 1,028.17	\$ 958.13
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 958.13	\$ -	\$ 2.81	\$ 10.17	\$ 12.98	\$ 57.07	\$ 70.05	\$ 968.30	\$ 898.25
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 898.25	\$ -	\$ 2.81	\$ 9.41	\$ 12.23	\$ 57.07	\$ 69.30	\$ 907.66	\$ 838.36
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 838.36	\$ -	\$ 2.81	\$ 9.34	\$ 12.16	\$ 57.07	\$ 69.23	\$ 847.71	\$ 778.48
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 778.48	\$ -	\$ 2.81	\$ 9.20	\$ 12.02	\$ 57.07	\$ 69.09	\$ 787.68	\$ 718.60
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 718.60	\$ -	\$ 2.81	\$ 8.98	\$ 11.80	\$ 57.07	\$ 68.87	\$ 727.58	\$ 658.71
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 658.71	\$ -	\$ 2.81	\$ 8.41	\$ 11.23	\$ 57.07	\$ 68.30	\$ 667.13	\$ 598.83
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 598.83	\$ -	\$ 2.81	\$ 8.14	\$ 10.95	\$ 57.07	\$ 68.02	\$ 606.97	\$ 538.95
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 538.95	\$ -	\$ 2.81	\$ 8.17	\$ 10.98	\$ 57.07	\$ 68.05	\$ 547.12	\$ 479.07
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 479.07	\$ -	\$ 2.81	\$ 7.55	\$ 10.36	\$ 57.07	\$ 67.43	\$ 486.61	\$ 419.18
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 419.18	\$ -	\$ 2.81	\$ 6.55	\$ 9.36	\$ 57.07	\$ 66.43	\$ 425.73	\$ 359.30
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 359.30	\$ -	\$ 2.81	\$ 5.81	\$ 8.62	\$ 57.07	\$ 65.69	\$ 365.11	\$ 299.42
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 299.42	\$ -	\$ 2.81	\$ 4.89	\$ 7.71	\$ 57.07	\$ 64.78	\$ 304.31	\$ 239.53
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 239.53	\$ -	\$ 2.81	\$ 3.91	\$ 6.73	\$ 57.07	\$ 63.80	\$ 243.45	\$ 179.65
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 179.65	\$ -	\$ 2.81	\$ 2.88	\$ 5.69	\$ 57.07	\$ 62.76	\$ 182.53	\$ 119.77
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 119.77	\$ -	\$ 2.81	\$ 1.94	\$ 4.76	\$ 57.07	\$ 61.82	\$ 121.71	\$ 59.88
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 59.88	\$ -	\$ 2.81	\$ 0.98	\$ 3.80	\$ 57.07	\$ 60.86	\$ 60.86	\$ 0.00
</td														

Payment #	Date Received	One-Time Cost			\$ -
		Facility Cost	ITCC	Total Cost	
01	08/01/14	\$ 927,510.27	\$ -	\$ 4,182.82	\$ 931,693.09
		Total			
phase 1		\$ 1,030,566.97	\$ -	\$ 4,647.58	\$ 1,035,214.55
phase 2		\$ 1,442,793.76	\$ -	\$ 6,506.61	\$ 1,449,300.36
phase 3		\$ 927,510.27	\$ -	\$ 4,182.82	\$ 931,693.09
		\$ 3,400,871.00		\$ 15,337.00	\$ 3,416,208.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 927,510.27		\$ 4,182.82	\$ 931,693.09

In-Service Date:	Estimate	Actual	MW	Ratio
COD Phase 1:	06/07/16	06/07/16		
	07/15/16	07/25/16	100	0.303030303
COD Phase 2:	10/01/16	08/19/16	140	0.424242424
COD Phase 3:	11/30/16	11/30/16	90	0.272727273
				\$ 927,510.27

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
N/A	Q1/2016	02/01/16	03/31/16	60	3.250%	\$ 1,684.86	\$ 8.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,693.83	\$ 1,693.83
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 1,693.83	\$ 14.57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,708.41	\$ 1,708.41
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 1,708.41	\$ 15.03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,723.44	\$ 1,723.44
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,723.44	\$ 15.16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,738.60	\$ 1,738.60
01-02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,738.60	\$ 15.00	\$ 6.87	\$ 15.00	\$ 21.88	\$ 168.49	\$ 190.36	\$ 1,768.61	\$ 1,578.24
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,578.24	\$ -	\$ 3.44	\$ 14.60	\$ 18.04	\$ 84.24	\$ 102.28	\$ 1,592.64	\$ 1,490.56
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,490.56	\$ -	\$ 3.44	\$ 14.88	\$ 18.32	\$ 84.24	\$ 102.56	\$ 1,505.44	\$ 1,402.88
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,402.88	\$ -	\$ 3.44	\$ 14.89	\$ 18.32	\$ 84.24	\$ 102.57	\$ 1,417.77	\$ 1,315.20
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,315.20	\$ -	\$ 3.44	\$ 13.78	\$ 17.22	\$ 84.24	\$ 101.46	\$ 1,328.98	\$ 1,227.52
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,227.52	\$ -	\$ 3.44	\$ 13.68	\$ 17.12	\$ 84.24	\$ 101.36	\$ 1,241.20	\$ 1,139.84
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,139.84	\$ -	\$ 3.44	\$ 13.47	\$ 16.91	\$ 84.24	\$ 101.15	\$ 1,153.32	\$ 1,052.16
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,052.16	\$ -	\$ 3.44	\$ 13.15	\$ 16.59	\$ 84.24	\$ 100.83	\$ 1,065.32	\$ 964.48
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 964.48	\$ -	\$ 3.44	\$ 12.32	\$ 15.76	\$ 84.24	\$ 100.00	\$ 976.80	\$ 876.80
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 876.80	\$ -	\$ 3.44	\$ 11.91	\$ 15.35	\$ 84.24	\$ 99.59	\$ 888.71	\$ 789.12
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 789.12	\$ -	\$ 3.44	\$ 11.96	\$ 15.40	\$ 84.24	\$ 99.64	\$ 801.08	\$ 701.44
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 701.44	\$ -	\$ 3.44	\$ 11.05	\$ 14.49	\$ 84.24	\$ 98.73	\$ 712.49	\$ 613.76
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 613.76	\$ -	\$ 3.44	\$ 9.59	\$ 13.03	\$ 84.24	\$ 97.27	\$ 623.35	\$ 526.08
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 526.08	\$ -	\$ 3.44	\$ 8.50	\$ 11.94	\$ 84.24	\$ 96.18	\$ 534.59	\$ 438.40
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 438.40	\$ -	\$ 3.44	\$ 7.16	\$ 10.60	\$ 84.24	\$ 94.84	\$ 445.56	\$ 350.72
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 350.72	\$ -	\$ 3.44	\$ 5.73	\$ 9.17	\$ 84.24	\$ 93.41	\$ 356.45	\$ 263.04
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 263.04	\$ -	\$ 3.44	\$ 4.22	\$ 7.65	\$ 84.24	\$ 91.90	\$ 267.26	\$ 175.36
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 175.36	\$ -	\$ 3.44	\$ 2.84	\$ 6.28	\$ 84.24	\$ 90.52	\$ 178.20	\$ 87.68
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 87.68	\$ -	\$ 3.44	\$ 1.44	\$ 4.87	\$ 84.24	\$ 89.12	\$ 89.12	\$ 0.00
						\$ 23,542.43	\$ 68.75	\$ 68.75	\$ 200.19	\$ 268.93	\$ 1,684.86	\$ 1,953.79	\$ 23,811.37	\$ 21,857.57

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Costs (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
N/A	Q2/2016	05/01/16	06/30/16	61	3.460%	\$ 909.14	\$ 5.24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 914.38	\$ 914.38
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 914.38	\$ 8.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 922.43	\$ 922.43
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 922.43	\$ 8.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 930.54	\$ 930.54
01-02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 930.54	\$ 8.03	\$ 2.94	\$ 8.03	\$ 10.97	\$ 90.91	\$ 101.89	\$ 946.60	\$ 844.72
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 844.72	\$ -	\$ 1.47	\$ 7.81	\$ 9.28	\$ 45.46	\$ 54.74	\$ 852.53	\$ 797.79
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 797.79	\$ -	\$ 1.47	\$ 7.96	\$ 9.43	\$ 45.46	\$ 54.89	\$ 805.75	\$ 750.86
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 750.86	\$ -	\$ 1.47	\$ 7.97	\$ 9.44	\$ 45.46	\$ 54.90	\$ 758.83	\$ 703.93
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 703.93	\$ -	\$ 1.47	\$ 7.38	\$ 8.85	\$ 45.46	\$ 54.31	\$ 711.31	\$ 657.00
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 657.00	\$ -	\$ 1.47	\$ 7.32	\$ 8.79	\$ 45.46	\$ 54.25	\$ 664.32	\$ 610.07
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 610.07	\$ -	\$ 1.47	\$ 7.21	\$ 8.68	\$ 45.46	\$ 54.14	\$ 617.28	\$ 563.14
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 563.14	\$ -	\$ 1.47	\$ 7.04	\$ 8.51	\$ 45.46	\$ 53.97	\$ 570.18	\$ 516.22
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 516.22	\$ -	\$ 1.47	\$ 6.59	\$ 8.07	\$ 45.46	\$ 53.52	\$ 522.81	\$ 469.29
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 469.29	\$ -	\$ 1.47	\$ 6.38	\$ 7.85	\$ 45.46	\$ 53.31	\$ 475.66	\$ 422.36
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 422.36	\$ -	\$ 1.47	\$ 6.40	\$ 7.87	\$ 45.46	\$ 53.33	\$ 428.76	\$ 375.43
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 375.43	\$ -	\$ 1.47	\$ 5.91	\$ 7.39	\$ 45.46	\$ 52.84	\$ 381.34	\$ 328.50
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 328.50	\$ -	\$ 1.47	\$ 5.13	\$ 6.60	\$ 45.46	\$ 52.06	\$ 333.63	\$ 281.57
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 281.57	\$ -	\$ 1.47	\$ 4.55	\$ 6.02	\$ 45.46	\$ 51.48	\$ 286.12	\$ 234.64
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 234.64	\$ -	\$ 1.47	\$ 3.83	\$ 5.31	\$ 45.46	\$ 50.76	\$ 238.48	\$ 187.71
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 187.71	\$ -	\$ 1.47	\$ 3.07	\$ 4.54	\$ 45.46	\$ 50.00	\$ 190.78	\$ 140.79
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 140.79	\$ -	\$ 1.47	\$ 2.26	\$ 3.73	\$ 45.46	\$ 49.19	\$ 143.04	\$ 93.86
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 93.86	\$ -	\$ 1.47	\$ 1.52	\$ 2.99	\$ 45.46	\$ 48.45	\$ 95.38	\$ 46.93
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 46.93	\$ -	\$ 1.47	\$ 0.77	\$ 2.24	\$ 45.46	\$ 47.70	\$ 47.70	\$ 0.00
						\$ 11,701.29	\$ 29.43	\$ 29.43	\$ 107.15	\$ 136.58	\$ 909.14	\$ 1,045.72	\$ 11,837.87	\$ 10,792.15

Refund #	Period
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Payment #	Date Received	One-Time Cost			\$ -
		Facility Cost	ITCC	Total Cost	
01	08/01/14	\$ 927,510.27	\$ -	\$ 4,182.82	\$ 931,693.09
		Total			
phase 1		\$ 1,030,566.97	\$ -	\$ 4,647.58	\$ 1,035,214.55
phase 2		\$ 1,442,793.76	\$ -	\$ 6,506.61	\$ 1,449,300.36
phase 3		\$ 927,510.27	\$ -	\$ 4,182.82	\$ 931,693.09
		\$ 3,400,871.00		\$ 15,337.00	\$ 3,416,208.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 927,510.27		\$ 4,182.82	\$ 931,693.09

In-Service Date:	Estimate	Actual	MW	Ratio
COD Phase 1:	06/07/16	06/07/16		
COD Phase 2:	07/15/16	07/25/16	100	0.303030303
COD Phase 3:	10/01/16	08/19/16	140	0.424242424
	11/30/16	11/30/16	90	0.272727273
				\$ 927,510.27

N/A	Q3/2016	08/01/16	09/30/16	61	3.500%	\$ 447.45	\$ 2.61	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450.06	\$ 450.06	\$ 450.06
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 450.06	\$ 3.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 454.02	\$ 454.02	\$ 454.02
01-02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 454.02	\$ 3.92	\$ 1.05	\$ 3.92	\$ 4.97	\$ 44.75	\$ 49.71	\$ 461.86	\$ 461.86	\$ 461.86	\$ 412.15
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 412.15	\$ -	\$ 0.52	\$ 3.81	\$ 4.34	\$ 22.37	\$ 26.71	\$ 415.96	\$ 415.96	\$ 415.96	\$ 389.25
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 389.25	\$ -	\$ 0.52	\$ 3.89	\$ 4.41	\$ 22.37	\$ 26.78	\$ 393.13	\$ 393.13	\$ 393.13	\$ 366.35
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 366.35	\$ -	\$ 0.52	\$ 3.89	\$ 4.41	\$ 22.37	\$ 26.78	\$ 370.24	\$ 370.24	\$ 370.24	\$ 343.45
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 343.45	\$ -	\$ 0.52	\$ 3.60	\$ 4.12	\$ 22.37	\$ 26.50	\$ 347.05	\$ 347.05	\$ 347.05	\$ 320.56
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 320.56	\$ -	\$ 0.52	\$ 3.57	\$ 4.10	\$ 22.37	\$ 26.47	\$ 324.13	\$ 324.13	\$ 324.13	\$ 297.66
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 297.66	\$ -	\$ 0.52	\$ 3.52	\$ 4.04	\$ 22.37	\$ 26.42	\$ 301.18	\$ 301.18	\$ 301.18	\$ 274.76
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 274.76	\$ -	\$ 0.52	\$ 3.44	\$ 3.96	\$ 22.37	\$ 26.33	\$ 278.20	\$ 278.20	\$ 278.20	\$ 251.87
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 251.87	\$ -	\$ 0.52	\$ 3.22	\$ 3.74	\$ 22.37	\$ 26.11	\$ 255.08	\$ 255.08	\$ 255.08	\$ 228.97
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 228.97	\$ -	\$ 0.52	\$ 3.11	\$ 3.64	\$ 22.37	\$ 26.01	\$ 232.08	\$ 232.08	\$ 232.08	\$ 206.07
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 206.07	\$ -	\$ 0.52	\$ 3.12	\$ 3.65	\$ 22.37	\$ 26.02	\$ 209.20	\$ 209.20	\$ 209.20	\$ 183.18
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 183.18	\$ -	\$ 0.52	\$ 2.89	\$ 3.41	\$ 22.37	\$ 25.78	\$ 186.06	\$ 186.06	\$ 186.06	\$ 160.28
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 160.28	\$ -	\$ 0.52	\$ 2.50	\$ 3.03	\$ 22.37	\$ 25.40	\$ 162.78	\$ 162.78	\$ 162.78	\$ 137.38
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 137.38	\$ -	\$ 0.52	\$ 2.22	\$ 2.75	\$ 22.37	\$ 25.12	\$ 139.60	\$ 139.60	\$ 139.60	\$ 114.48
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 114.48	\$ -	\$ 0.52	\$ 1.87	\$ 2.40	\$ 22.37	\$ 24.77	\$ 116.36	\$ 116.36	\$ 116.36	\$ 91.59
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 91.59	\$ -	\$ 0.52	\$ 1.50	\$ 2.02	\$ 22.37	\$ 24.39	\$ 93.08	\$ 93.08	\$ 93.08	\$ 68.69
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 68.69	\$ -	\$ 0.52	\$ 1.10	\$ 1.63	\$ 22.37	\$ 24.00	\$ 69.79	\$ 69.79	\$ 69.79	\$ 45.79
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 45.79	\$ -	\$ 0.52	\$ 0.74	\$ 1.27	\$ 22.37	\$ 23.64	\$ 46.54	\$ 46.54	\$ 46.54	\$ 22.90
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 22.90	\$ -	\$ 0.52	\$ 0.38	\$ 0.90	\$ 22.37	\$ 23.27	\$ 23.27	\$ 23.27	\$ 23.27	(0.00)
						\$ 5,266.91	\$ 10.49	\$ 10.49	\$ 52.28	\$ 62.77	\$ 447.45	\$ 510.22	\$ 5,329.68	\$ 4,819.46		

Payment #	Date Received	One-Time Cost			Total Cost
		Facility Cost	ITCC	Cost	
True Up 1	Total	\$ 508,643.83	\$ -	\$ 266,026.17	\$ 774,670.00
N/A	\$ -	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
Grand Total	\$ 508,643.83	\$ -	\$ 266,026.17	\$ 774,670.00	

In-Service Date:	Estimate	Actual	Comments/Notes
COD:	05/01/16	05/01/16	Refunds to start after completion of construction of NU. Current estimate is 02/01/2017.
NU:	08/26/16	08/26/16	
	02/01/17	RE Garland	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund					Quarterly Interest Refund					Total Interest Refund					Principal Refund		Total Refund		Total Due (1) + (2) + (8) = (3)	Running Balance (3) - (E)
								(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)			
N/A	Q2/2016	5/1/2016	6/30/2016	61	3.460%	\$ 508,643.83	\$ 2,933.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 511,577.01	\$ 511,577.01		
N/A	Q3/2016	7/1/2016	9/30/2016	92	3.500%	\$ 511,577.01	\$ 4,500.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 516,077.77	\$ 516,077.77		
N/A	Q4/2016	10/1/2016	12/31/2016	92	3.500%	\$ 516,077.77	\$ -	\$ -	\$ -	\$ 4,540.36	\$ 4,540.36	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 520,618.13	\$ 520,618.13		
N/A	Q1/2017	1/1/2017	3/31/2017	90	3.500%	\$ 520,618.13	\$ -	\$ -	\$ -	\$ 4,493.01	\$ 4,493.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 525,111.14	\$ 525,111.14		
01-04	Q2/2017	4/1/2017	6/30/2017	91	3.710%	\$ 525,111.14	\$ -	\$ -	\$ 1,486.79	\$ 4,857.06	\$ 15,377.21	\$ 101,728.77	\$ 117,105.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 529,968.20	\$ 412,862.22		
05	Q3/2017	7/1/2017	9/30/2017	92	3.960%	\$ 412,862.22	\$ -	\$ -	\$ 371.70	\$ 4,120.93	\$ 4,492.63	\$ 25,432.19	\$ 29,924.82	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 416,983.15	\$ 387,058.33		
06	Q4/2017	10/1/2017	12/31/2017	92	4.210%	\$ 387,058.33	\$ -	\$ -	\$ 371.70	\$ 4,107.27	\$ 4,478.97	\$ 25,432.19	\$ 29,911.16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 391,165.60	\$ 361,254.44		
07	Q1/2018	1/1/2018	3/31/2018	90	4.250%	\$ 361,254.44	\$ -	\$ -	\$ 371.70	\$ 3,785.75	\$ 4,157.45	\$ 25,432.19	\$ 29,589.64	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 365,040.19	\$ 335,450.55		
08	Q2/2018	4/1/2018	6/30/2018	91	4.470%	\$ 335,450.55	\$ -	\$ -	\$ 371.70	\$ 3,738.39	\$ 4,110.09	\$ 25,432.19	\$ 29,542.28	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 339,188.94	\$ 309,646.66		
09	Q3/2018	7/1/2018	9/30/2018	92	4.690%	\$ 309,646.66	\$ -	\$ -	\$ 371.70	\$ 3,660.45	\$ 4,032.14	\$ 25,432.19	\$ 29,464.34	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 313,307.11	\$ 283,842.78		
10	Q4/2018	10/1/2018	12/31/2018	92	4.960%	\$ 283,842.78	\$ -	\$ -	\$ 371.70	\$ 3,548.58	\$ 3,920.28	\$ 25,432.19	\$ 29,352.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 287,391.35	\$ 258,038.89		
11	Q1/2019	1/1/2019	3/31/2019	90	5.180%	\$ 258,038.89	\$ -	\$ -	\$ 371.70	\$ 3,295.83	\$ 3,667.53	\$ 25,432.19	\$ 29,099.72	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 261,334.71	\$ 232,235.00		
12	Q2/2019	4/1/2019	6/30/2019	91	5.450%	\$ 232,235.00	\$ -	\$ -	\$ 371.70	\$ 3,155.53	\$ 3,527.23	\$ 25,432.19	\$ 28,959.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 235,390.53	\$ 206,431.11		
13	Q3/2019	7/1/2019	9/30/2019	92	6.013%	\$ 206,431.11	\$ -	\$ -	\$ 371.70	\$ 3,128.87	\$ 3,500.57	\$ 25,432.19	\$ 28,932.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 209,559.98	\$ 180,627.22		
14	Q4/2019	10/1/2019	12/31/2019	92	6.251%	\$ 180,627.22	\$ -	\$ -	\$ 371.70	\$ 2,845.76	\$ 3,217.45	\$ 25,432.19	\$ 28,649.65	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 183,472.98	\$ 154,823.33		
15	Q1/2020	1/1/2020	3/31/2020	91	6.284%	\$ 154,823.33	\$ -	\$ -	\$ 371.70	\$ 2,419.04	\$ 2,790.74	\$ 25,432.19	\$ 28,222.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 157,242.37	\$ 129,019.44		
16	Q2/2020	4/1/2020	6/30/2020	91	6.502%	\$ 129,019.44	\$ -	\$ -	\$ 371.70	\$ 2,085.79	\$ 2,457.48	\$ 25,432.19	\$ 27,889.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 131,105.23	\$ 103,215.55		
17	Q3/2020	7/1/2020	9/30/2020	92	6.501%	\$ 103,215.55	\$ -	\$ -	\$ 371.70	\$ 1,686.74	\$ 2,058.44	\$ 25,432.19	\$ 27,490.63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 104,902.30	\$ 77,411.67		
18	Q4/2020	10/1/2020	12/31/2020	92	6.502%	\$ 77,411.67	\$ -	\$ -	\$ 371.70	\$ 1,265.11	\$ 1,636.81	\$ 25,432.19	\$ 27,069.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 78,676.78	\$ 51,607.78		
19	Q1/2021	1/1/2021	3/31/2021	90	6.502%	\$ 51,607.78	\$ -	\$ -	\$ 371.70	\$ 827.34	\$ 1,199.03	\$ 25,432.19	\$ 26,631.22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,435.11	\$ 25,803.89		
20	Q2/2021	4/1/2021	6/30/2021	91	6.502%	\$ 25,803.89	\$ -	\$ -	\$ 371.70	\$ 418.26	\$ 789.96	\$ 25,432.19	\$ 26,222.15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,222.15	\$ (0.00)		
						\$ 6,091,356.74	\$ 7,433.94		\$ 7,433.94	\$ 57,980.06	\$ 74,447.37	\$ 508,643.83	\$ 574,057.84						\$ 6,156,770.74	\$ 5,582,712.91								

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund					Quarterly Interest Refund					Total Interest Refund					Principal Refund		Total Refund		Total Due (1) + (2) + (8) = (3)	Running Balance (3) - (E)
								(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)			
Payment	01	06/17/15	09/30/15	14	3.250%	\$ 76,013.00	\$ 94.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 76,107.76	\$ 76,107.76		
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 76,107.76	\$ 623.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 76,731.21	\$ 76,731.21		
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 76,731.21	\$ 628.57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 77,359.78	\$ 77,359.78		
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 77,359.78	\$ 625.11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 77,984.89	\$ 77,984.89		
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 77,984.89	\$ 670.88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 78,655.78	\$ 78,655.78		
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 78,655.78	\$ 692.00	\$ -	\$ -	\$ 698.09	\$ 698.09	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 79,347.77	\$ 79,347.77		
N/A	Q4/2016	08/01/16	10/31/16	90	3.500%	\$ 80,045.86	\$ -	\$ -	\$ 666.95	\$ 746.78	\$ 2,802.63	\$ 15,202.60	\$ 18,005.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 81,483.45	\$ 63,478.22		
01-04	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 80,736.67	\$ -	\$ -	\$ 166.74	\$ 633.60	\$ 800.34	\$ 3,800.65	\$ 4,600.99	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,111.82	\$ 59,510.83		
05	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 63,478.22	\$ -	\$ -	\$ 166.74	\$ 611.50	\$ 798.24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,142.33	\$ 55,543.44		
06	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 59,510.83	\$ -	\$ -</																				

Payment #	Date Payment Received		One-Time Cost		
	Facility Cost	ITCC	Total Cost		
True Up 1	Total N/A	\$ 508,643.83 \$ -	\$ 266,026.17 \$ -	\$ 774,670.00	
True Up 2	N/A	\$ -	\$ -	\$ -	
	Grand Total	\$ 508,643.83	\$ -	\$ 266,026.17	\$ 774,670.00

In-Service Date:	Estimate	Actual	Comments/Notes
	COD:	08/26/16	Refunds to start after completion of construction of NU. Current estimate is 02/01/2017.
	NU:	02/01/17	RE Garland

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund					Quarterly Interest Refund		Total Interest Refund (A) + (B) = (C)		Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								(A)	(B)	(C)	(D)	(E)								
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 50,417.87	\$ -	\$ -	\$ 395.44	\$ 470.37	\$ 1,740.62	\$ 9,600.20	\$ 11,340.82	\$ -	\$ -	\$ 50,852.99	\$ 50,852.99			
01-04	Q2/2017	4/1/2017	6/30/2017	91	3.710%	\$ 50,852.99	\$ -	\$ -	\$ 98.86	\$ 399.08	\$ 497.94	\$ 2,400.05	\$ 2,897.99	\$ 40,381.62	\$ 37,483.63					
05	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 39,982.54	\$ -	\$ -	\$ 98.86	\$ 397.76	\$ 496.62	\$ 2,400.05	\$ 2,896.67	\$ 37,881.39	\$ 34,984.72					
06	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 37,483.63	\$ -	\$ -	\$ 98.86	\$ 366.62	\$ 465.48	\$ 2,400.05	\$ 2,865.53	\$ 35,351.34	\$ 32,485.81					
07	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 34,984.72	\$ -	\$ -	\$ 98.86	\$ 362.03	\$ 460.89	\$ 2,400.05	\$ 2,860.94	\$ 32,847.85	\$ 29,986.91					
08	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 32,485.81	\$ -	\$ -	\$ 98.86	\$ 354.49	\$ 453.35	\$ 2,400.05	\$ 2,853.40	\$ 30,341.39	\$ 27,488.00					
09	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 29,986.91	\$ -	\$ -	\$ 98.86	\$ 343.65	\$ 442.51	\$ 2,400.05	\$ 2,842.56	\$ 27,831.65	\$ 24,989.09					
10	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 27,488.00	\$ -	\$ -	\$ 98.86	\$ 319.18	\$ 418.03	\$ 2,400.05	\$ 2,818.08	\$ 25,308.26	\$ 22,490.18					
11	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 24,989.09	\$ -	\$ -	\$ 98.86	\$ 305.59	\$ 404.45	\$ 2,400.05	\$ 2,804.50	\$ 22,795.77	\$ 19,991.27					
12	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 22,490.18	\$ -	\$ -	\$ 98.86	\$ 303.01	\$ 401.87	\$ 2,400.05	\$ 2,801.92	\$ 20,294.28	\$ 17,492.36					
13	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 19,991.27	\$ -	\$ -	\$ 98.86	\$ 275.59	\$ 374.45	\$ 2,400.05	\$ 2,774.50	\$ 17,767.95	\$ 14,993.45					
14	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 17,492.36	\$ -	\$ -	\$ 98.86	\$ 234.27	\$ 333.12	\$ 2,400.05	\$ 2,733.17	\$ 15,227.72	\$ 12,494.54					
15	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 14,993.45	\$ -	\$ -	\$ 98.86	\$ 201.99	\$ 300.85	\$ 2,400.05	\$ 2,700.90	\$ 12,696.54	\$ 9,995.64					
16	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 12,494.54	\$ -	\$ -	\$ 98.86	\$ 163.35	\$ 262.21	\$ 2,400.05	\$ 2,662.26	\$ 10,158.98	\$ 7,496.73					
17	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 9,995.64	\$ -	\$ -	\$ 98.86	\$ 122.52	\$ 221.38	\$ 2,400.05	\$ 2,621.43	\$ 7,619.24	\$ 4,997.82					
18	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 7,496.73	\$ -	\$ -	\$ 98.86	\$ 80.12	\$ 178.98	\$ 2,400.05	\$ 2,579.03	\$ 5,077.94	\$ 2,498.91					
19	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 4,997.82	\$ -	\$ -	\$ 98.86	\$ 40.51	\$ 139.36	\$ 2,400.05	\$ 2,539.41	\$ 2,539.41	\$ 0.00					
						\$ 734,819.81	\$ 1,977.18		\$ 1,977.18	\$ 5,614.92	\$ 8,466.91	\$ 48,001.00	\$ 55,593.10	\$ 742,411.91	\$ 686,818.81					

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund					Quarterly Interest Refund		Total Interest Refund (A) + (B) = (C)		Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								(A)	(B)	(C)	(D)	(E)								
Payment	03	09/15/15	09/30/15	16	3.250%	\$ 58,203.00	\$ 82.92	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 58,285.92	\$ 58,285.92		
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 58,285.92	\$ 477.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 58,763.38	\$ 58,763.38		
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 58,763.38	\$ 474.84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59,238.23	\$ 59,238.23		
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 59,238.23	\$ 509.61	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59,747.84	\$ 59,747.84		
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 59,747.84	\$ 525.65	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,273.49	\$ 60,273.49		
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 60,273.49	\$ -	\$ -	\$ 530.27	\$ 530.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,803.76	\$ 60,803.76		
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 60,803.76	\$ -	\$ -	\$ 524.74	\$ 524.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61,328.51	\$ 61,328.51		
01-04	Q2/2017	4/1/2017	6/30/2017	91	3.710%	\$ 61,328.51	\$ -	\$ -	\$ 414.10	\$ 567.26	\$ 2,036.38	\$ 11,640.60	\$ 13,676.98	\$ 61,895.77	\$ 48,218.79					
05	Q3/2017	7/1/2017	9/30/2017	92	3.960%	\$ 48,218.79	\$ -	\$ -	\$ 103.52	\$ 481.29	\$ 584.81	\$ 2,910.15	\$ 3,494.96	\$ 48,700.08	\$ 45,205.12					
06	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 45,205.12	\$ -	\$ -	\$ 103.52	\$ 479.69	\$ 583.22	\$ 2,910.15	\$ 3,493.37	\$ 45,684.81	\$ 42,191.44					
07	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 42,191.44	\$ -	\$ -	\$ 103.52	\$ 442.14	\$ 545.67	\$ 2,910.15	\$ 3,455.82	\$ 42,633.59	\$ 39,177.77					
08	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 39,177.77	\$ -	\$ -	\$ 103.52	\$ 436.61	\$ 540.14	\$ 2,910.15	\$ 3,450.29	\$ 39,614.38	\$ 36,164.09					
09	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 36,164.09	\$ -	\$ -	\$ 103.52	\$ 427.51	\$ 531.03	\$ 2,910.15	\$ 3,441.18	\$ 36,591.60	\$ 33,150.42					
10	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 33,150.42	\$ -	\$ -	\$ 103.52	\$ 414.44	\$ 517.97	\$ 2,910.15	\$ 3,428.12	\$ 33,564.86	\$ 30,136.74					
11	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 30,136.74	\$ -	\$ -	\$ 103.52	\$ 384.92	\$ 488.45	\$ 2,910.15	\$ 3,398.60	\$ 30,521.67	\$ 27,123.07					
12	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 27,123.07	\$ -	\$ -	\$ 103.52	\$ 368.54	\$ 472.06	\$ 2,910.15	\$ 3,382.21	\$ 27,491.61	\$ 24,109.40					
13	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 24,109.40	\$ -	\$ -	\$ 103.52	\$ 365.43	\$ 468.95	\$ 2,910.15	\$ 3,379.10	\$ 24,474.82	\$ 21,095.72					
14	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 21,095.72	\$ -	\$ -	\$ 103.52	\$ 332.36	\$ 435.88	\$ 2,910.15	\$ 3,346.03	\$ 21,428.08	\$ 18,082.05					
15	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 18,082.05	\$ -	\$ -	\$ 103.52	\$ 282.52	\$ 386.05	\$ 2,910.15	\$ 3,296.20	\$ 18,364.57	\$ 15,068.37					
16	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 15,068.37	\$ -	\$ -	\$ 103.52	\$ 243.60	\$ 347.13	\$ 2,910.15	\$ 3,257.28	\$ 15,311.97	\$ 12,064.70					
17	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 12,054.70	\$ -	\$ -	\$ 103.52	\$ 197.00	\$ 300.52	\$ 2,910.15	\$ 3,210.67	\$ 12,251.70	\$ 9,041.02					
18	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 9,041.02	\$ -	\$ -	\$ 103.52	\$ 147.75	\$ 251.28	\$ 2,910.15	\$ 3,161.43	\$ 9,188.78	\$ 6,027.35					
19	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 6,027.35	\$ -	\$ -	\$ 103.52	\$ 96.63	\$ 200.15	\$ 2,910.15	\$ 3,110.30	\$ 6,123.97	\$ 3,013.67					
20	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 3,013.67	\$ -	\$ -	\$ 103.52	\$ 48.85	\$ 152.37	\$ 2,910.15	\$ 3,062.52	\$ 3,062.52	\$ (0.00)					
						\$ 886,503.86	\$ 2,070.49		\$ 2,070.49	\$ 6,771.58	\$ 9,897.09	\$ 58,203.00	\$ 67,045.07	\$ 895,345.93	\$ 828,300.86					

| Refund # | Period | Start Date |
<th rowspan="
| --- | --- | --- |

Payment #	Date Received	One-Time Cost			Total Cost
		Facility Cost	ITCC	Cost	
True Up 1	Total N/A	\$ 508,643.83	\$ -	\$ 266,026.17	\$ 774,670.00
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
Grand Total		\$ 508,643.83	\$ -	\$ 266,026.17	\$ 774,670.00

In-Service Date:	Estimate	Actual	Comments/Notes
COD:	05/01/16	05/01/16	Refunds to start after completion of construction of NU. Current estimate is 02/01/2017.
NU:	08/26/16	08/26/16	
	02/01/17	RE Garland	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund					Quarterly Interest Refund			Total Interest Refund			Principal Refund		Total Refund (C) + (D) = (E)		Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)	
								(A)	(B)	(A) + (B) = (C)	(D)	(C) + (D) = (E)	(1) + (2) + (B) = (3)	(3) - (E)											
08	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 41,753.28	\$ -	\$ 100.14	\$ 465.31	\$ 565.45	\$ 3,111.65	\$ 3,677.10	\$ 42,218.59	\$ 38,541.49											
09	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 38,541.49	\$ -	\$ 100.14	\$ 455.61	\$ 555.75	\$ 3,111.65	\$ 3,667.40	\$ 38,997.10	\$ 35,329.70											
10	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 35,329.70	\$ -	\$ 100.14	\$ 441.69	\$ 541.83	\$ 3,111.65	\$ 3,653.48	\$ 35,771.38	\$ 32,117.90											
11	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 32,117.90	\$ -	\$ 100.14	\$ 410.23	\$ 510.37	\$ 3,111.65	\$ 3,622.02	\$ 32,528.13	\$ 28,906.11											
12	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 28,906.11	\$ -	\$ 100.14	\$ 392.77	\$ 492.91	\$ 3,111.65	\$ 3,604.56	\$ 29,298.88	\$ 25,694.32											
13	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 25,694.32	\$ -	\$ 100.14	\$ 389.45	\$ 489.59	\$ 3,111.65	\$ 3,601.24	\$ 26,083.77	\$ 22,482.53											
14	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 22,482.53	\$ -	\$ 100.14	\$ 354.21	\$ 454.35	\$ 3,111.65	\$ 3,566.00	\$ 22,836.74	\$ 19,270.74											
15	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 19,270.74	\$ -	\$ 100.14	\$ 301.10	\$ 401.24	\$ 3,111.65	\$ 3,512.89	\$ 19,571.84	\$ 16,058.95											
16	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 16,058.95	\$ -	\$ 100.14	\$ 259.62	\$ 359.76	\$ 3,111.65	\$ 3,471.41	\$ 16,318.57	\$ 12,847.16											
17	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 12,847.16	\$ -	\$ 100.14	\$ 209.95	\$ 310.09	\$ 3,111.65	\$ 3,421.74	\$ 13,057.11	\$ 9,635.37											
18	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 9,635.37	\$ -	\$ 100.14	\$ 157.47	\$ 257.61	\$ 3,111.65	\$ 3,369.26	\$ 9,792.84	\$ 6,423.58											
19	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 6,423.58	\$ -	\$ 100.14	\$ 102.98	\$ 203.12	\$ 3,111.65	\$ 3,314.77	\$ 6,526.56	\$ 3,211.79											
20	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 3,211.79	\$ -	\$ 100.14	\$ 52.06	\$ 152.20	\$ 3,111.65	\$ 3,263.85	\$ 3,263.85	\$ 0.00											
						\$ 882,867.97	\$ 2,002.81	\$ 2,002.81	\$ 7,216.73	\$ 10,343.92	\$ 62,233.00	\$ 71,452.54	\$ 892,087.51	\$ 820,634.97											
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund					Quarterly Interest Refund			Total Interest Refund			Principal Refund		Total Refund (C) + (D) = (E)		Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)	
								(A)	(B)	(A) + (B) = (C)	(D)	(C) + (D) = (E)	(1) + (2) + (B) = (3)	(3) - (E)											
Payment	05	10/21/15	12/31/15	72	3.250%	\$ 21,576.17	\$ 138.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,714.49	\$ 21,714.49		
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 21,714.49	\$ 175.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,889.96	\$ 21,889.96		
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 21,889.96	\$ 188.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,078.27	\$ 22,078.27		
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 22,078.27	\$ 194.24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,272.51	\$ 22,272.51		
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 22,272.51	\$ -	\$ -	\$ 195.95	\$ 195.95	\$ 195.95	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,468.46	\$ 22,468.46		
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 22,468.46	\$ -	\$ -	\$ 193.91	\$ 193.91	\$ 193.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,662.37	\$ 22,662.37		
01-04	Q2/2017	4/1/2017	6/30/2017	91	3.710%	\$ 22,662.37	\$ -	\$ 139.27	\$ 209.62	\$ 738.74	\$ 4,315.23	\$ 5,053.97	\$ 22,871.98	\$ 17,818.01											
05	Q3/2017	7/1/2017	9/30/2017	92	3.960%	\$ 17,818.01	\$ -	\$ 34.82	\$ 177.85	\$ 212.67	\$ 1,078.81	\$ 1,291.47	\$ 17,995.86	\$ 16,704.38											
06	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 16,704.38	\$ -	\$ 34.82	\$ 177.26	\$ 212.08	\$ 1,078.81	\$ 1,290.88	\$ 16,881.64	\$ 15,590.76											
07	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 15,590.76	\$ -	\$ 34.82	\$ 163.38	\$ 198.20	\$ 1,078.81	\$ 1,277.01	\$ 15,754.14	\$ 14,477.13											
08	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 14,477.13	\$ -	\$ 34.82	\$ 161.34	\$ 196.16	\$ 1,078.81	\$ 1,274.96	\$ 14,638.47	\$ 13,363.51											
09	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 13,363.51	\$ -	\$ 34.82	\$ 157.97	\$ 192.79	\$ 1,078.81	\$ 1,271.60	\$ 13,521.48	\$ 12,249.88											
10	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 12,249.88	\$ -	\$ 34.82	\$ 153.15	\$ 187.96	\$ 1,078.81	\$ 1,266.77	\$ 12,403.03	\$ 11,136.25											
11	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 11,136.25	\$ -	\$ 34.82	\$ 142.24	\$ 177.06	\$ 1,078.81	\$ 1,255.86	\$ 11,278.49	\$ 10,022.63											
12	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 10,022.63	\$ -	\$ 34.82	\$ 136.18	\$ 171.00	\$ 1,078.81	\$ 1,249.81	\$ 10,158.81	\$ 8,909.00											
13	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 8,909.00	\$ -	\$ 34.82	\$ 135.03	\$ 169.85	\$ 1,078.81	\$ 1,248.66	\$ 9,044.04	\$ 7,795.38											
14	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 7,795.38	\$ -	\$ 34.82	\$ 122.82	\$ 157.63	\$ 1,078.81	\$ 1,236.44	\$ 7,918.19	\$ 6,681.75											
15	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 6,681.75	\$ -	\$ 34.82	\$ 104.40	\$ 139.22	\$ 1,078.81	\$ 1,218.02	\$ 6,786.15	\$ 5,568.13											
16	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 5,568.13	\$ -	\$ 34.82	\$ 90.02	\$ 124.83	\$ 1,078.81	\$ 1,203.64	\$ 5,658.14	\$ 4,454.50											
17	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 4,454.50	\$ -	\$ 34.82	\$ 72.80	\$ 107.61	\$ 1,078.81	\$ 1,186.42	\$ 4,527.30	\$ 3,340.88											
18	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 3,340.88	\$ -	\$ 34.82	\$ 54.60	\$ 89.42	\$ 1,078.81	\$ 1,168.22	\$ 3,395.48	\$ 2,227.25											
19	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 2,227.25	\$ -	\$ 34.82	\$ 35.71	\$ 70.52	\$ 1,078.81	\$ 1,149.33	\$ 2,262.96	\$ 1,113.63											
20	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 1,113.63	\$ -	\$ 34.82	\$ 18.05	\$ 52.87	\$ 1,078.81	\$ 1,131.68	\$ 1,131.68	\$ 0.00											
						\$ 306,115.28	\$ 696.34	\$ 696.34	\$ 2,502.26	\$ 3,588.46	\$ 21,576.17	\$ 24,774.77	\$ 309,313.89	\$ 284,539.12											

Payment #	Date Received	One-Time			Total Cost
		Facility Cost	ITCC	Cost	
01	12/01/14	\$ 15,053.00	\$ -	\$ -	\$ 15,053.00
	Total	\$ 15,053.00	\$ -	\$ -	\$ 15,053.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 15,053.00	\$ -	\$ -	\$ 15,053.00

In-Service Date: COD:	Estimate	Actual	Comments/Notes
	10/31/15	11/20/15	
	12/02/15	12/31/15	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest	Accrued Interest		Quarterly Interest		Total Interest		Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
									Refund (A)	Refund (B)	Refund (B)	Refund (A) + (B) = (C)	Refund (D)	Refund (C) + (D) = (E)				
	Facility Cost	11/20/15	12/31/15	42	3.250%	\$ 15,053.00	\$ 56.29	\$ 56.29	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,109.29	\$ 15,109.29
01-04	Q3/2016	01/01/16	09/30/16	274	3.500%	\$ 15,109.29	\$ -	\$ -	\$ 11.26	\$ 1,583.59	\$ 1,594.84	\$ 3,010.60	\$ 4,605.44	\$ -	\$ -	\$ 16,692.88	\$ 12,087.44	
05	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 12,087.44	\$ -	\$ -	\$ 2.81	\$ 106.34	\$ 109.16	\$ 752.65	\$ 861.81	\$ -	\$ -	\$ 12,193.78	\$ 11,331.97	
06	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 11,331.97	\$ -	\$ -	\$ 2.81	\$ 97.80	\$ 100.61	\$ 752.65	\$ 853.26	\$ -	\$ -	\$ 11,429.77	\$ 10,576.51	
07	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 10,576.51	\$ -	\$ -	\$ 2.81	\$ 97.83	\$ 100.64	\$ 752.65	\$ 853.29	\$ -	\$ -	\$ 10,674.33	\$ 9,821.04	
08	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 9,821.04	\$ -	\$ -	\$ 2.81	\$ 98.03	\$ 100.84	\$ 752.65	\$ 853.49	\$ -	\$ -	\$ 9,919.07	\$ 9,065.58	
09	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 9,065.58	\$ -	\$ -	\$ 2.81	\$ 96.20	\$ 99.01	\$ 752.65	\$ 851.66	\$ -	\$ -	\$ 9,161.78	\$ 8,310.11	
10	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 8,310.11	\$ -	\$ -	\$ 2.81	\$ 87.09	\$ 89.90	\$ 752.65	\$ 842.55	\$ -	\$ -	\$ 8,397.20	\$ 7,554.65	
11	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 7,554.65	\$ -	\$ -	\$ 2.81	\$ 84.19	\$ 87.01	\$ 752.65	\$ 839.66	\$ -	\$ -	\$ 7,638.84	\$ 6,799.18	
12	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 6,799.18	\$ -	\$ -	\$ 2.81	\$ 80.38	\$ 83.19	\$ 752.65	\$ 835.84	\$ -	\$ -	\$ 6,879.56	\$ 6,043.72	
13	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 6,043.72	\$ -	\$ -	\$ 2.81	\$ 75.56	\$ 78.37	\$ 752.65	\$ 831.02	\$ -	\$ -	\$ 6,119.28	\$ 5,288.25	
14	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 5,288.25	\$ -	\$ -	\$ 2.81	\$ 67.54	\$ 70.36	\$ 752.65	\$ 823.01	\$ -	\$ -	\$ 5,355.80	\$ 4,532.79	
15	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 4,532.79	\$ -	\$ -	\$ 2.81	\$ 61.59	\$ 64.40	\$ 752.65	\$ 817.05	\$ -	\$ -	\$ 4,594.38	\$ 3,777.32	
16	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 3,777.32	\$ -	\$ -	\$ 2.81	\$ 57.25	\$ 60.07	\$ 752.65	\$ 812.72	\$ -	\$ -	\$ 3,834.58	\$ 3,021.86	
17	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 3,021.86	\$ -	\$ -	\$ 2.81	\$ 47.61	\$ 50.42	\$ 752.65	\$ 803.07	\$ -	\$ -	\$ 3,069.47	\$ 2,266.39	
18	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 2,266.39	\$ -	\$ -	\$ 2.81	\$ 35.41	\$ 38.23	\$ 752.65	\$ 790.88	\$ -	\$ -	\$ 2,301.81	\$ 1,510.93	
19	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 1,510.93	\$ -	\$ -	\$ 2.81	\$ 24.43	\$ 27.24	\$ 752.65	\$ 779.89	\$ -	\$ -	\$ 1,535.36	\$ 755.46	
20	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 755.46	\$ -	\$ -	\$ 2.81	\$ 12.35	\$ 15.16	\$ 752.65	\$ 767.81	\$ -	\$ -	\$ 767.81	\$ 0.00	
						\$ 132,905.49	\$ 56.29	\$ 56.29	\$ 2,713.17	\$ 2,769.47	\$ 15,053.00	\$ 17,822.47	\$ -	\$ -	\$ 135,674.96	\$ 117,852.49		

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest	Accrued Interest		Quarterly Interest		Total Interest		Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
									Refund (A)	Refund (B)	Refund (B)	Refund (A) + (B) = (C)	Refund (D)	Refund (C) + (D) = (E)				
		12/01/14	12/31/14	31	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/15	03/31/15	90	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/15	06/30/15	91	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/15	09/30/15	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/15	12/31/15	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/16	03/31/16	91	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/16	06/30/16	91	3.460%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/16	09/30/16	92	3.500%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/16	12/31/16	92	3.500%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/17	03/31/17	90	3.500%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/17	06/30/17	91	3.710%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/17	09/30/17	92	3.960%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/17	12/31/17	92	4.210%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/18	03/31/18	90	4.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/18	06/30/18	91	4.470%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/18	09/30/18	92	4.690%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/18	12/31/18	92	4.960%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/19	03/31/19	90	5.180%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/19	06/30/19	91	5.450%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/19	09/30/19	92	6.013%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/19	12/31/19	92	6.251%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/20	03/31/20	91	6.284%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/20	06/30/20	91	6.502%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/20	09/30/20	92	6.501%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/20	12/31/20	92	6.502%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/21	03/31/21	90	6.502%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/21	06/30/21	91	6.502%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/21	09/30/21	92	6.502%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost	Total Cost	Refund #	Period	Facility Cost Accrued Interest	Facility Cost Quarterly Interest	Facility Cost Total Interest	Facility Cost Principal Refund	Facility Cost Total Refund
01	07/12/12	\$ 589,690.72	\$ -	\$ -	\$ 589,690.72	01	Q2/2016	\$ -	\$ -	\$ -	\$ -	\$ -
02	N/A	\$ -	\$ -	\$ -	\$ -	02	Q3/2016	\$ -	\$ -	\$ -	\$ -	\$ -
03	N/A	\$ -	\$ -	\$ -	\$ -	03	Q4/2016	\$ -	\$ -	\$ -	\$ -	\$ -
04	N/A	\$ -	\$ -	\$ -	\$ -	04	Q1/2017	\$ -	\$ -	\$ -	\$ -	\$ -
05	N/A	\$ -	\$ -	\$ -	\$ -	05	Q2/2017	\$ -	\$ -	\$ -	\$ -	\$ -
06	N/A	\$ -	\$ -	\$ -	\$ -	06	Q3/2017	\$ -	\$ -	\$ -	\$ -	\$ -
07	N/A	\$ -	\$ -	\$ -	\$ -	07	Q4/2017	\$ -	\$ -	\$ -	\$ -	\$ -
08	N/A	\$ -	\$ -	\$ -	\$ -	08	Q1/2018	\$ -	\$ -	\$ -	\$ -	\$ -
09	N/A	\$ -	\$ -	\$ -	\$ -	09	Q2/2018	\$ 60,812.10	\$ -	\$ 60,812.10	\$ 265,360.82	\$ 326,172.92
10	N/A	\$ -	\$ -	\$ -	\$ -	10	Q3/2018	\$ 6,756.90	\$ 4,712.66	\$ 11,469.56	\$ 29,484.54	\$ 40,954.09
11	N/A	\$ -	\$ -	\$ -	\$ -	11	Q4/2018	\$ 6,756.90	\$ 4,530.87	\$ 11,287.77	\$ 29,484.54	\$ 40,772.31
12	N/A	\$ -	\$ -	\$ -	\$ -	12	Q1/2019	\$ 6,756.90	\$ 4,166.08	\$ 10,922.98	\$ 29,484.54	\$ 40,407.51
13	N/A	\$ -	\$ -	\$ -	\$ -	13	Q2/2019	\$ 6,756.90	\$ 3,939.49	\$ 10,696.39	\$ 29,484.54	\$ 40,180.93
14	N/A	\$ -	\$ -	\$ -	\$ -	14	Q3/2019	\$ 6,756.90	\$ 3,845.17	\$ 10,602.07	\$ 29,484.54	\$ 40,086.61
15	N/A	\$ -	\$ -	\$ -	\$ -	15	Q4/2019	\$ 6,756.90	\$ 3,425.87	\$ 10,182.77	\$ 29,484.54	\$ 39,667.31
16	N/A	\$ -	\$ -	\$ -	\$ -	16	Q1/2020	\$ 6,756.90	\$ 2,831.28	\$ 9,588.18	\$ 29,484.54	\$ 39,072.71
17	N/A	\$ -	\$ -	\$ -	\$ -	17	Q2/2020	\$ 6,756.90	\$ 2,343.58	\$ 9,100.48	\$ 29,484.54	\$ 38,585.02
18	N/A	\$ -	\$ -	\$ -	\$ -	18	Q3/2020	\$ 6,756.90	\$ 1,776.77	\$ 8,533.67	\$ 29,484.54	\$ 38,018.20
19	N/A	\$ -	\$ -	\$ -	\$ -	19	Q4/2020	\$ 6,756.90	\$ 1,184.57	\$ 7,941.46	\$ 29,484.54	\$ 37,426.00
20	N/A	\$ -	\$ -	\$ -	\$ -	20	Q1/2021	\$ 6,756.90	\$ 580.99	\$ 7,337.89	\$ 29,484.54	\$ 36,822.43
Total		\$ 589,690.72	\$ -	\$ -	\$ 589,690.72			\$ 135,138.00	\$ 33,337.33	\$ 168,475.33	\$ 589,690.72	\$ 758,166.05

True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	-						
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	-						
Grand Total		\$ 589,690.72	\$ -	\$ -	\$ 589,690.72							

In-Service Date: COD:	Estimate	Actual	Comments/Notes	Unit 1 cod unit 2 cod	5/2/2016 10/28/2016 MW completed
	12/01/15	12/01/15	Per IREQ, Study Group: Transition; Orig Req Type: CLGIP		
			Phased		MW total, per Contract

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Facility Cost 01					Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
N/A	Q3/2012	07/12/12	09/30/12	81	3.250%	\$ 589,690.72	\$ 4,241.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 593,932.14	\$ 593,932.14
N/A	Q4/2012	10/01/12	12/31/12	92	3.250%	\$ 593,932.14	\$ 4,852.07	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 598,784.21	\$ 598,784.21
N/A	Q1/2013	01/01/13	03/31/13	90	3.250%	\$ 598,784.21	\$ 4,798.48	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 603,582.69	\$ 603,582.69
N/A	Q2/2013	04/01/13	06/30/13	91	3.250%	\$ 603,582.69	\$ 4,890.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 608,473.36	\$ 608,473.36
N/A	Q3/2013	07/01/13	09/30/13	92	3.250%	\$ 608,473.36	\$ 4,984.48	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 613,457.84	\$ 613,457.84
N/A	Q4/2013	10/01/13	12/31/13	92	3.250%	\$ 613,457.84	\$ 5,025.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 618,483.16	\$ 618,483.16
N/A	Q1/2014	01/01/14	03/31/14	90	3.250%	\$ 618,483.16	\$ 4,956.34	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 623,439.49	\$ 623,439.49
N/A	Q2/2014	04/01/14	06/30/14	91	3.250%	\$ 623,439.49	\$ 5,015.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 628,491.06	\$ 628,491.06
N/A	Q3/2014	07/01/14	09/30/14	92	3.250%	\$ 628,491.06	\$ 5,148.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 633,639.52	\$ 633,639.52
N/A	Q4/2014	10/01/14	12/31/14	92	3.250%	\$ 633,639.52	\$ 5,190.64	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 638,830.16	\$ 638,830.16
N/A	Q1/2015	01/01/15	03/31/15	90	3.250%	\$ 638,830.16	\$ 5,119.39	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 643,949.55	\$ 643,949.55
N/A	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 643,949.55	\$ 5,217.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 649,167.31	\$ 649,167.31
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 649,167.31	\$ 5,317.84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 654,485.14	\$ 654,485.14
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 654,485.14	\$ 5,361.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 659,846.54	\$ 659,846.54
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 659,846.54	\$ 5,331.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 665,178.50	\$ 665,178.50
01	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 665,178.50	\$ 5,722.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 670,900.85	\$ 670,900.85
02	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 670,900.85	\$ 5,902.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 676,803.31	\$ 676,803.31
03	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 676,803.31	\$ 5,954.39	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 682,757.70	\$ 682,757.70
04	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 682,757.70	\$ 5,892.29	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 688,649.99	\$ 688,649.99
05	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 688,649.99	\$ 6,369.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 695,019.72	\$ 695,019.72
06	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 695,019.72	\$ 6,937.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 701,956.97	\$ 701,956.97
07	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 701,956.97	\$ 7,448.82	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 709,405.79	\$ 709,405.79
08	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 709,405.79	\$ 7,434.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 716,839.98	\$ 716,839.98
09	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 716,839.98	\$ 7,988.74	\$ 60,812.10	\$ -	\$ 60,812.10	\$ 265,360.82	\$ 326,172.92	\$ 724,828.72	\$ 398,655.79
10	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 398,655.79	\$ -	\$ 6,756.90	\$ 4,712.66	\$ 11,469.56	\$ 29,484.54	\$ 40,954.09	\$ 403,368.45	\$ 362,414.36
11	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 362,414.36	\$ -	\$ 6,756.90	\$ 4,530.87	\$ 11,287.77	\$ 29,484.54	\$ 40,772.31	\$ 366,945.23	\$ 326,172.92
12	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 326,172.92	\$ -	\$ 6,756.90	\$ 4,166.08	\$ 10,922.98	\$ 29,484.54	\$ 40,407.51	\$ 330,339.00	\$ 289,931.49
13	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 289,931.49	\$ -	\$ 6,756.90	\$ 3,939.49	\$ 10,696.39	\$ 29,484.54	\$ 40,180.93	\$ 293,870.98	\$ 253,690.05
14	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 253,690.05	\$ -	\$ 6,756.90	\$ 3,845.17	\$ 10,602.07	\$ 29,484.54	\$ 40,086.61	\$ 257,535.22	\$ 217,448.62
15	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 217,448.62	\$ -	\$ 6,756.90	\$ 3,425.87	\$ 10,182.77	\$ 29,484.54	\$ 39,667.31	\$ 220,874.49	\$ 181,207.18
16	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 181,207.18	\$ -	\$ 6,756.90	\$ 2,831.28	\$ 9,588.18	\$ 29,484.54	\$ 39,072.71	\$ 184,038.46	\$ 144,965.74
17	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 144,965.74	\$ -	\$ 6,756.90	\$ 2,343.58	\$ 9,100.48	\$ 29,484.54	\$ 38,585.02	\$ 147,309.32	\$ 108,724.31
18	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 108,724.31	\$ -	\$ 6,756.90	\$ 1,776.77	\$ 8,533.67	\$ 29,484.54	\$ 38,018.20	\$ 110,501.07	\$ 72,482.87
19	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 72,482.87	\$ -	\$ 6,756.90	\$ 1,184.57	\$ 7,941.46	\$ 29,484.54	\$ 37,426.00	\$ 73,667.44	\$ 36,241.44
20	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 36,241.44	\$ -	\$ 6,756.90	\$ 580.99	\$ 7,337.89	\$ 29,484.54	\$ 36,822.43	\$ 36,822.43	\$ -

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost	Total Cost	Refund #	Period	Facility Cost Accrued Interest	Facility Cost Quarterly Interest	Facility Cost Total Interest	Facility Cost Principal Refund	Facility Cost Total Refund
01	07/12/12	\$ 670,103.09	\$ -	\$ -	\$ 670,103.09	01	Q4/2016	\$ -	\$ -	\$ -	\$ -	\$ -
02	N/A	\$ -	\$ -	\$ -	\$ -	02	Q1/2017	\$ -	\$ -	\$ -	\$ -	\$ -
03	N/A	\$ -	\$ -	\$ -	\$ -	03	Q2/2017	\$ -	\$ -	\$ -	\$ -	\$ -
04	N/A	\$ -	\$ -	\$ -	\$ -	04	Q3/2017	\$ -	\$ -	\$ -	\$ -	\$ -
05	N/A	\$ -	\$ -	\$ -	\$ -	05	Q4/2017	\$ -	\$ -	\$ -	\$ -	\$ -
06	N/A	\$ -	\$ -	\$ -	\$ -	06	Q1/2018	\$ -	\$ -	\$ -	\$ -	\$ -
07	N/A	\$ -	\$ -	\$ -	\$ -	07	Q2/2018	\$ 53,748.07	\$ -	\$ 53,748.07	\$ 234,536.08	\$ 288,284.15
08	N/A	\$ -	\$ -	\$ -	\$ -	08	Q3/2018	\$ 7,678.30	\$ 6,328.98	\$ 14,007.28	\$ 33,505.15	\$ 47,512.43
09	N/A	\$ -	\$ -	\$ -	\$ -	09	Q4/2018	\$ 7,678.30	\$ 6,178.47	\$ 13,856.76	\$ 33,505.15	\$ 47,361.92
10	N/A	\$ -	\$ -	\$ -	\$ -	10	Q1/2019	\$ 7,678.30	\$ 5,786.22	\$ 13,464.51	\$ 33,505.15	\$ 46,969.67
11	N/A	\$ -	\$ -	\$ -	\$ -	11	Q2/2019	\$ 7,678.30	\$ 5,595.87	\$ 13,274.17	\$ 33,505.15	\$ 46,779.32
12	N/A	\$ -	\$ -	\$ -	\$ -	12	Q3/2019	\$ 7,678.30	\$ 5,617.95	\$ 13,296.24	\$ 33,505.15	\$ 46,801.40
13	N/A	\$ -	\$ -	\$ -	\$ -	13	Q4/2019	\$ 7,678.30	\$ 5,190.72	\$ 12,869.01	\$ 33,505.15	\$ 46,374.17
14	N/A	\$ -	\$ -	\$ -	\$ -	14	Q1/2020	\$ 7,678.30	\$ 4,504.30	\$ 12,182.60	\$ 33,505.15	\$ 45,687.75
15	N/A	\$ -	\$ -	\$ -	\$ -	15	Q2/2020	\$ 7,678.30	\$ 3,994.74	\$ 11,673.03	\$ 33,505.15	\$ 45,178.19
16	N/A	\$ -	\$ -	\$ -	\$ -	16	Q3/2020	\$ 7,678.30	\$ 3,365.09	\$ 11,043.38	\$ 33,505.15	\$ 44,548.54
17	N/A	\$ -	\$ -	\$ -	\$ -	17	Q4/2020	\$ 7,678.30	\$ 2,692.19	\$ 10,370.49	\$ 33,505.15	\$ 43,875.64
18	N/A	\$ -	\$ -	\$ -	\$ -	18	Q1/2021	\$ 7,678.30	\$ 1,980.66	\$ 9,658.96	\$ 33,505.15	\$ 43,164.11
19	N/A	\$ -	\$ -	\$ -	\$ -	19	Q2/2021	\$ 7,678.30	\$ 1,335.11	\$ 9,013.41	\$ 33,505.15	\$ 42,518.56
20	N/A	\$ -	\$ -	\$ -	\$ -	20	Q3/2021	\$ 7,678.30	\$ 674.89	\$ 8,353.19	\$ 33,505.15	\$ 41,858.34
Total		\$ 670,103.09		\$ -	\$ 670,103.09			\$ 153,565.90	\$ 53,245.19	\$ 206,811.10	\$ 670,103.09	\$ 876,914.19

True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	-						
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	-						
Grand Total		\$ 670,103.09		\$ -	\$ 670,103.09							

In-Service Date:	Estimate	Actual	Comments/Notes
COD:	12/01/15	12/01/15	Per IREQ, Study Group: Transition; Orig Req Type: CLGIP

unit 1 cod
5/2/2016
unit 2 cod
10/28/2016
MW completed
MW total, per Contract

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Facility Cost 01					Total Due (1) + (2) + (3)	Running Balance (3) - (E)
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
N/A	Q3/2012	07/12/12	09/30/12	81	3.250%	\$ 670,103.09	\$ 4,819.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 674,922.89	\$ 674,922.89
N/A	Q4/2012	10/01/12	12/31/12	92	3.250%	\$ 674,922.89	\$ 5,513.71	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 680,436.61	\$ 680,436.61
N/A	Q1/2013	01/01/13	03/31/13	90	3.250%	\$ 680,436.61	\$ 5,452.81	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 685,889.42	\$ 685,889.42
N/A	Q2/2013	04/01/13	06/30/13	91	3.250%	\$ 685,889.42	\$ 5,557.58	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 691,447.00	\$ 691,447.00
N/A	Q3/2013	07/01/13	09/30/13	92	3.250%	\$ 691,447.00	\$ 5,664.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 697,111.19	\$ 697,111.19
N/A	Q4/2013	10/01/13	12/31/13	92	3.250%	\$ 697,111.19	\$ 5,710.58	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 702,821.77	\$ 702,821.77
N/A	Q1/2014	01/01/14	03/31/14	90	3.250%	\$ 702,821.77	\$ 5,632.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 708,453.97	\$ 708,453.97
N/A	Q2/2014	04/01/14	06/30/14	91	3.250%	\$ 708,453.97	\$ 5,740.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 714,194.39	\$ 714,194.39
N/A	Q3/2014	07/01/14	09/30/14	92	3.250%	\$ 714,194.39	\$ 5,850.52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 720,044.91	\$ 720,044.91
N/A	Q4/2014	10/01/14	12/31/14	92	3.250%	\$ 720,044.91	\$ 5,898.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 725,943.36	\$ 725,943.36
N/A	Q1/2015	01/01/15	03/31/15	90	3.250%	\$ 725,943.36	\$ 5,817.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 731,760.85	\$ 731,760.85
N/A	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 731,760.85	\$ 5,929.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 737,690.12	\$ 737,690.12
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 737,690.12	\$ 6,043.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 743,733.12	\$ 743,733.12
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 743,733.12	\$ 6,092.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 749,825.62	\$ 749,825.62
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 749,825.62	\$ 6,059.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 755,884.66	\$ 755,884.66
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 755,884.66	\$ 6,502.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 762,387.33	\$ 762,387.33
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 762,387.33	\$ 6,707.34	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 769,094.67	\$ 769,094.67
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 769,094.67	\$ 6,766.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 775,861.02	\$ 775,861.02
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 775,861.02	\$ 6,695.79	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 782,556.81	\$ 782,556.81
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 782,556.81	\$ 7,238.33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 789,795.14	\$ 789,795.14
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 789,795.14	\$ 7,883.24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 797,678.38	\$ 797,678.38
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 797,678.38	\$ 8,464.57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 806,142.95	\$ 806,142.95
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 806,142.95	\$ 8,447.94	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 814,590.88	\$ 814,590.88
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 814,590.88	\$ 9,078.11	\$ 53,748.07	\$ -	\$ 53,748.07	\$ 234,536.08	\$ 288,284.15	\$ 823,669.00	\$ 535,384.85
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 535,384.85	\$ -	\$ 7,678.30	\$ 6,328.98	\$ 14,007.28	\$ 33,505.15	\$ 47,512.43	\$ 541,713.83	\$ 490,201.40
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 494,201.40	\$ -	\$ 7,678.30	\$ 6,178.47	\$ 13,856.76	\$ 33,505.15	\$ 47,361.92	\$ 500,379.86	\$ 453,017.95
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 453,017.95	\$ -	\$ 7,678.30	\$ 5,786.22	\$ 13,464.51	\$ 33,505.15	\$ 46,969.67	\$ 458,804.17	\$ 411,834.50
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 411,834.50	\$ -	\$ 7,678.30	\$ 5,595.87	\$ 13,274.17	\$ 33,505.15	\$ 46,779.32	\$ 417,430.37	\$ 370,651.05
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 370,651.05	\$ -	\$ 7,678.30	\$ 5,617.95	\$ 13,296.24	\$ 33,505.15	\$ 46,801.40	\$ 376,269.00	\$ 329,467.60
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 329,467.60	\$ -	\$ 7,678.30	\$ 5,190.72	\$ 12,869.01	\$ 33,505.15	\$ 46,374.17	\$ 334,658.32	\$ 288,284.15
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 288,284.15	\$ -	\$ 7,678.30	\$ 4,504.30	\$ 12,182.60	\$ 33,505.15	\$ 45,687.75	\$ 292,788.45	\$ 247,100.70
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 247,100.70	\$ -	\$ 7,678.30	\$ 3,994.74	\$ 11,673.03	\$ 33,505.15	\$ 45,178.19	\$ 251,095.44	\$ 205,917.25
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 205,917.25	\$ -	\$ 7,678.30	\$ 3,365.09	\$ 11,043.38	\$ 33,505.15	\$ 44,548.54	\$ 209,282.34	\$ 164,733.80
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 164,733.80	\$ -	\$ 7,678.30	\$ 2,692.19	\$ 10,370.49	\$ 33,505.15	\$ 43,875.64	\$ 167,425.99	\$ 123,550.35
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 123,550.35	\$ -	\$ 7,678.30	\$ 1,980.66	\$ 9,658.96	\$ 33,505.15	\$ 43,164.11	\$ 125,531.01	\$ 82,366.90
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 82,366.90	\$ -	\$ 7,678.30	\$ 1,335.11	\$ 9,013.41	\$ 33,505.15	\$ 42,518.56	\$ 83,702.01	\$ 41,183.45
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 41,183.45	\$ -	\$ 7,678.30	\$ 674.89	\$ 8,353.19	\$ 33,505.15	\$ 41,858.34	\$ (0.00)	

\$ 21,436,064.08 \$ 153,565.90 \$ 153,565.90 \$ 53,245.19 \$ 206,811.10 \$ 670,103.09 \$ 876,914.19 \$ 21,642,875.18 \$ 20,765,960.99

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost	Total Cost	
01	04/30/16	\$ 6,669.00	\$ -	\$ 3,550.58	\$ 10,219.58	\$ 4,579.00
02	05/30/16	\$ 8,521.00	\$ -	\$ 4,535.34	\$ 13,056.34	\$ 5,849.00
03	06/30/16	\$ 10,821.00	\$ -	\$ 5,758.15	\$ 16,579.15	\$ 7,426.00
04	07/30/16	\$ 13,635.00	\$ -	\$ 7,254.69	\$ 20,889.69	\$ 9,356.00
05	08/30/16	\$ 17,013.00	\$ -	\$ 9,054.40	\$ 26,067.40	\$ 11,677.00
06	09/30/16	\$ 20,970.00	\$ -	\$ 11,159.62	\$ 32,129.62	\$ 14,392.00
07	10/30/16	\$ 25,464.00	\$ -	\$ 13,550.97	\$ 39,014.97	\$ 17,476.00
08	11/30/16	\$ 30,363.00	\$ -	\$ 16,158.66	\$ 46,521.66	\$ 20,839.00
09	12/30/16	\$ 35,429.00	\$ -	\$ 18,855.51	\$ 54,284.51	\$ 24,317.00
10	01/30/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94	\$ 28,398.00
11	02/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15	\$ 31,398.00
12	03/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51	\$ 33,636.00
13	04/28/17	\$ 50,756.00	\$ -	\$ 27,013.56	\$ 77,769.56	\$ 34,838.00
14	05/28/17	\$ 50,756.00	\$ -	\$ 27,013.55	\$ 77,769.55	\$ 34,838.00
15	06/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51	\$ 33,636.00
16	07/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15	\$ 31,398.00
17	08/28/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94	\$ 28,398.00
18	09/28/17	\$ 36,364.00	\$ -	\$ 19,354.10	\$ 55,718.10	\$ 24,960.00
19	10/28/17	\$ 31,164.00	\$ -	\$ 16,585.13	\$ 47,749.13	\$ 21,389.00
20	11/28/17	\$ 26,136.00	\$ -	\$ 13,909.21	\$ 40,045.21	\$ 17,938.00
21	12/28/17	\$ 21,524.00	\$ -	\$ 11,454.28	\$ 32,978.28	\$ 14,772.00
22	01/28/18	\$ 17,928.00	\$ -	\$ 9,541.35	\$ 27,469.35	\$ 12,305.00
23	02/28/18	\$ 14,367.00	\$ -	\$ 7,647.04	\$ 22,014.04	\$ 9,862.00
24	03/28/18	\$ 11,402.00	\$ -	\$ 6,068.32	\$ 17,470.32	\$ 7,826.00
25	04/28/18	\$ 8,980.00	\$ -	\$ 4,780.37	\$ 13,760.37	\$ 6,165.00
26	05/28/18	\$ 7,030.00	\$ -	\$ 3,740.55	\$ 10,770.55	\$ 4,824.00
27	06/28/18	\$ 5,474.00	\$ -	\$ 2,912.42	\$ 8,386.42	\$ 3,756.00
	Total	\$ 723,034.00	\$ -	\$ 384,793.00	\$ 1,107,827.00	\$ 496,248.00
True Up 1						384,793.00
True Up 2						
	Grand Total	\$ 723,034.00	\$ -	\$ 384,793.00	\$ 1,107,827.00	\$ 1,107,827.00

Refund #	Period	Start Date	End Date	Days	Accrued Interest Due		Accrued Interest Refund		Quarterly Interest Refund		Total Interest Refund		Principal Refund		Total Refund		Total Due		Running Balance	
					APR Interest Rate (%)	Principal Due (1)	Due (2)	Refund (A)	Refund (B)	(A) + (B) = (C)	Total Interest Refund (A) + (B) = (C)	Refund (D)	Refund (E)	(C) + (D) = (E)	Refund (F)	(D) + (E) = (F)	Refund (G)	(E) + (F) = (G)	Refund (H)	(F) + (G) = (H)
01	Q3/2019	9/1/2019	9/30/2019	30	6.013%	\$ 1,107,827.00	\$ 5,475.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,113,302.42	\$ 1,113,302.42	
02	Q4/2019	10/1/2019	12/31/2019	92	6.251%	\$ 1,113,302.42	\$ 17,539.93	\$ 2,301.54	\$ 17,539.93	\$ 19,841.47	\$ 72,303.40	\$ 92,144.87	\$ 1,148,382.29	\$ 1,148,382.29	\$ 1,056,237.42	\$ 1,056,237.42				
03	Q1/2020	1/1/2020	3/31/2020	91	6.284%	\$ 1,056,237.42	\$ -	\$ 1,150.77	\$ 16,503.21	\$ 17,653.98	\$ 36,151.70	\$ 53,805.68	\$ 1,072,740.63	\$ 1,072,740.63	\$ 1,018,934.95	\$ 1,018,934.95				
04	Q2/2020	4/1/2020	6/30/2020	91	6.502%	\$ 1,018,934.95	\$ -	\$ 1,150.77	\$ 16,472.55	\$ 17,623.32	\$ 36,151.70	\$ 53,775.02	\$ 1,035,407.50	\$ 1,035,407.50	\$ 981,632.48	\$ 981,632.48				
05	Q3/2020	7/1/2020	9/30/2020	92	6.501%	\$ 981,632.48	\$ -	\$ 1,150.77	\$ 16,041.78	\$ 17,192.55	\$ 36,151.70	\$ 53,344.25	\$ 997,674.27	\$ 997,674.27	\$ 944,330.02	\$ 944,330.02				
06	Q4/2020	10/1/2020	12/31/2020	92	6.502%	\$ 944,330.02	\$ -	\$ 1,150.77	\$ 15,432.89	\$ 16,583.66	\$ 36,151.70	\$ 52,735.36	\$ 959,762.91	\$ 959,762.91	\$ 907,025.77	\$ 907,025.77				
07	Q1/2021	1/1/2021	3/31/2021	90	6.502%	\$ 907,027.55	\$ -	\$ 1,150.77	\$ 14,540.75	\$ 15,691.52	\$ 36,151.70	\$ 51,843.22	\$ 921,568.30	\$ 921,568.30	\$ 869,725.08	\$ 869,725.08				
08	Q2/2021	4/1/2021	6/30/2021	91	6.502%	\$ 869,725.08	\$ -	\$ 1,150.77	\$ 14,097.67	\$ 15,248.44	\$ 36,151.70	\$ 51,400.14	\$ 883,822.75	\$ 883,822.75	\$ 832,422.61	\$ 832,422.61				
09	Q3/2021	7/1/2021	9/30/2021	92	6.502%	\$ 832,422.61	\$ -	\$ 1,150.77	\$ 13,641.30	\$ 14,792.06	\$ 36,151.70	\$ 50,943.76	\$ 846,063.91	\$ 846,063.91	\$ 795,120.15	\$ 795,120.15				
10	Q4/2021	10/1/2021	12/31/2021	92	6.502%	\$ 795,120.15	\$ -	\$ 1,150.77	\$ 13,030.00	\$ 14,180.77	\$ 36,151.70	\$ 50,332.47	\$ 808,150.15	\$ 808,150.15	\$ 757,817.68	\$ 757,817.68				
11	Q1/2022	1/1/2022	3/31/2022	90	6.502%	\$ 757,817.68	\$ -	\$ 1,150.77	\$ 12,148.74	\$ 13,299.51	\$ 36,151.70	\$ 49,451.21	\$ 769,966.42	\$ 769,966.42	\$ 720,515.21	\$ 720,515.21				
12	Q2/2022	4/1/2022	6/30/2022	91	6.502%	\$ 720,515.21	\$ -	\$ 1,150.77	\$ 11,679.08	\$ 12,829.84	\$ 36,151.70	\$ 48,981.54	\$ 732,194.29	\$ 732,194.29	\$ 683,212.74	\$ 683,212.74				
13	Q3/2022	7/1/2022	9/30/2022	92	6.502%	\$ 683,212.74	\$ -	\$ 1,150.77	\$ 11,196.12	\$ 12,346.89	\$ 36,151.70	\$ 48,496.59	\$ 694,408.87	\$ 694,408.87	\$ 645,910.27	\$ 645,910.27				
14	Q4/2022	10/1/2022	12/31/2022	92	6.502%	\$ 645,910.27	\$ -	\$ 1,150.77	\$ 10,584.83	\$ 11,735.60	\$ 36,151.70	\$ 48,887.30	\$ 656,495.11	\$ 656,495.11	\$ 608,607.81	\$ 608,607.81				
15	Q1/2023	1/1/2023	3/31/2023	90	6.502%	\$ 608,607.81	\$ -	\$ 1,150.77	\$ 9,756.72	\$ 10,907.49	\$ 36,151.70	\$ 47,059.19	\$ 618,364.53	\$ 618,364.53	\$ 571,305.34	\$ 571,305.34				
16	Q2/2023	4/1/2023	6/30/2023	91	6.502%	\$ 571,305.34	\$ -	\$ 1,150.77	\$ 9,260.48	\$ 10,411.25	\$ 36,151.70	\$ 46,562.95	\$ 580,565.82	\$ 580,565.82	\$ 534,002.87	\$ 534,002.87				
17	Q3/2023	7/1/2023	9/30/2023	92	6.502%	\$ 534,002.87	\$ -	\$ 1,150.77	\$ 8,750.95	\$ 9,901.72	\$ 36,151.70	\$ 46,053.42	\$ 542,753.82	\$ 542,753.82	\$ 496,700.40	\$ 496,700.40				
18	Q4/2023	10/1/2023	12/31/2023	92	6.502%	\$ 496,700.40	\$ -	\$ 1,150.77	\$ 8,139.66	\$ 9,290.43	\$ 36,151.70	\$ 45,442.13	\$ 504,840.06	\$ 504,840.06	\$ 459,397.94	\$ 459,397.94				
19	Q1/2024	1/1/2024	3/31/2024	91	6.502%	\$ 459,397.94	\$ -	\$ 1,150.77	\$ 7,426.19	\$ 8,576.96	\$ 36,151.70	\$ 44,728.66	\$ 466,824.13	\$ 466,824.13	\$ 422,095.47	\$ 422,095.47				
20	Q2/2024	4/1/2024	6/30/2024	91	6.502%	\$ 422,095.47	\$ -	\$ 1,150.77	\$ 6,823.19	\$ 7,973.96	\$ 36,151.70	\$ 44,125.66	\$ 428,918.66	\$ 428,918.66	\$ 384,793.00	\$ 384,793.00				

					\$ 15,526,125.42		\$ 23,015.36		\$ 23,015.36		\$ 233,066.06		\$ 256,081.41		\$ 723,034.00		\$ 979,115.41		\$ 15,782,206.83		\$ 14,803,091.42	
Refund #	Period	Start Date	End Date	Days	Accrued Interest		Accrued Interest		Quarterly Interest		Total Interest Refund		Principal Refund		Total Refund		Total Due		Running Balance			
					APR Interest Rate (%)	Principal Due (1)	Due (2)	Refund (A)	Refund (B)	(A) + (B) = (C)	(D)	(C) + (D) = (E)	(1) + (2) + (B) = (3)	(3) - (E)								
Payment	02	05/30/16	06/30/16	32	3.460%	\$ 4,535.34	\$ 13.72	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,549.06	\$ 4,549.06	\$ 4,549.06	\$ 4,549.06			
	N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 4,549.06	\$ 40.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,589.08	\$ 4,589.08	\$ 4,589.08	\$ 4,589.08			
	N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 4,589.08	\$ 40.37	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,629.46	\$ 4,629.46	\$ 4,629.46	\$ 4,629.46			
	N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 4,629.46	\$ 39.95	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,669.41	\$ 4,669.41	\$ 4,669.41	\$ 4,669.41			
	N/A	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 4,669.41	\$ 43.19	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,712.60	\$ 4,712.60	\$ 4,712.60	\$ 4,712.60			
	N/A	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 4,712.60	\$ 47.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,759.64	\$ 4,759.64	\$ 4,759.64	\$ 4,759.64			
	N/A	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 4,759.64	\$ 50.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,810.14	\$ 4,810.14	\$ 4,810.14	\$ 4,810.14			
	01	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 4,810.14	\$ 50.41	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,860.55	\$ 4,860.55	\$ 4,860.55	\$ 4,860.55			
	02	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 4,860.55	\$ 54.17	\$ 37.94	\$ 54.17	\$ 92.11	\$ 453.53	\$ 545.64	\$ 4,968.89	\$ 4,968.89	\$ 4,968.89	\$ 4,423.25					
	03	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 4,423.25	\$ -	\$ 18.97	\$ 52.29	\$ 71.26	\$ 226.77	\$ 298.02	\$ 4,475.54	\$ 4,475.54	\$ 4,475.54	\$ 4,177.51					
04	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 4,177.51	\$ -	\$ 18.97	\$ 52.23	\$ 71.20	\$ 226.77	\$ 297.96	\$ 4,229.74	\$ 4,229.74	\$ 4,229.74	\$ 3,931.78						
	05	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 3,931.78	\$ -	\$ 18.97	\$ 50.22	\$ 69.19	\$ 226.77	\$ 295.95	\$ 3,981.99	\$ 3,981.99	\$ 3,981.99	\$ 3,686.04					
	06	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 3,686.04	\$ -	\$ 18.97	\$ 50.08	\$ 69.05	\$ 226.77	\$ 295.82	\$ 3,736.12	\$ 3,736.12	\$ 3,736.12	\$ 3,440.30					
	07	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 3,440.30	\$ -	\$ 18.97	\$ 52.14	\$ 71.11	\$ 226.77	\$ 297.88	\$ 3,492.45	\$ 3,492.45	\$ 3,492.45	\$ 3,194.57					
	08	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 3,194.57	\$ -	\$ 18.97	\$ 50.33	\$ 69.30	\$ 226.77	\$ 296.07	\$ 3,244.90	\$ 3,244.90	\$ 3,244.90	\$ 2,948.83					
	09	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 2,948.83	\$ -	\$ 18.97	\$ 46.07	\$ 65.04	\$ 226.77	\$ 291.81	\$ 2,994.91	\$ 2,994.91	\$ 2,994.91	\$ 2,703.10					

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost	Total Cost	
01	04/30/16	\$ 6,669.00	\$ -	\$ 3,550.58	\$ 10,219.58	\$ 4,579.00
02	05/30/16	\$ 8,521.00	\$ -	\$ 4,535.34	\$ 13,056.34	\$ 5,849.00
03	06/30/16	\$ 10,821.00	\$ -	\$ 5,758.15	\$ 16,579.15	\$ 7,426.00
04	07/30/16	\$ 13,635.00	\$ -	\$ 7,254.69	\$ 20,889.69	\$ 9,356.00
05	08/30/16	\$ 17,013.00	\$ -	\$ 9,054.40	\$ 26,067.40	\$ 11,677.00
06	09/30/16	\$ 20,970.00	\$ -	\$ 11,159.62	\$ 32,129.62	\$ 14,392.00
07	10/30/16	\$ 25,464.00	\$ -	\$ 13,550.97	\$ 39,014.97	\$ 17,476.00
08	11/30/16	\$ 30,363.00	\$ -	\$ 16,158.66	\$ 46,521.66	\$ 20,839.00
09	12/30/16	\$ 35,429.00	\$ -	\$ 18,855.51	\$ 54,284.51	\$ 24,317.00
10	01/30/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94	\$ 28,398.00
11	02/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15	\$ 31,398.00
12	03/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51	\$ 33,636.00
13	04/28/17	\$ 50,756.00	\$ -	\$ 27,013.56	\$ 77,769.56	\$ 34,838.00
14	05/28/17	\$ 50,756.00	\$ -	\$ 27,013.55	\$ 77,769.55	\$ 34,838.00
15	06/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51	\$ 33,636.00
16	07/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15	\$ 31,398.00
17	08/28/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94	\$ 28,398.00
18	09/28/17	\$ 36,364.00	\$ -	\$ 19,354.10	\$ 55,718.10	\$ 24,960.00
19	10/28/17	\$ 31,164.00	\$ -	\$ 16,585.13	\$ 47,749.13	\$ 21,389.00
20	11/28/17	\$ 26,136.00	\$ -	\$ 13,909.21	\$ 40,045.21	\$ 17,938.00
21	12/28/17	\$ 21,524.00	\$ -	\$ 11,454.28	\$ 32,978.28	\$ 14,772.00
22	01/28/18	\$ 17,928.00	\$ -	\$ 9,541.35	\$ 27,469.35	\$ 12,305.00
23	02/28/18	\$ 14,367.00	\$ -	\$ 7,647.04	\$ 22,014.04	\$ 9,862.00
24	03/28/18	\$ 11,402.00	\$ -	\$ 6,068.32	\$ 17,470.32	\$ 7,826.00
25	04/28/18	\$ 8,980.00	\$ -	\$ 4,780.37	\$ 13,760.37	\$ 6,165.00
26	05/28/18	\$ 7,030.00	\$ -	\$ 3,740.55	\$ 10,770.55	\$ 4,824.00
27	06/28/18	\$ 5,474.00	\$ -	\$ 2,912.42	\$ 8,386.42	\$ 3,756.00
Total		\$ 723,034.00	\$ -	\$ 384,793.00	\$ 1,107,827.00	\$ 496,248.00
True Up 1						384,793.00
True Up 2						
Grand Total		\$ 723,034.00	\$ -	\$ 384,793.00	\$ 1,107,827.00	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund		Quarterly Interest Refund		Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								(A)	(B)	(A)	(B)					
10	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 2,703.10	\$ -	\$ 18.97	\$ 43.70	\$ 62.67	\$ 226.77	\$ 289.44	\$ 2,746.80	\$ 2,457.36		
11	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 2,457.36	\$ -	\$ 18.97	\$ 40.16	\$ 59.13	\$ 226.77	\$ 285.89	\$ 2,497.52	\$ 2,211.62		
12	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 2,211.62	\$ -	\$ 18.97	\$ 36.14	\$ 55.11	\$ 226.77	\$ 281.88	\$ 2,247.77	\$ 1,965.89		
13	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 1,965.89	\$ -	\$ 18.97	\$ 31.52	\$ 50.48	\$ 226.77	\$ 277.25	\$ 1,997.40	\$ 1,720.15		
14	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 1,720.15	\$ -	\$ 18.97	\$ 27.88	\$ 46.85	\$ 226.77	\$ 273.62	\$ 1,748.03	\$ 1,474.42		
15	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 1,474.42	\$ -	\$ 18.97	\$ 24.16	\$ 43.13	\$ 226.77	\$ 269.68	\$ 1,498.58	\$ 1,228.68		
16	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 1,228.68	\$ -	\$ 18.97	\$ 20.13	\$ 39.10	\$ 226.77	\$ 265.87	\$ 1,248.81	\$ 982.94		
17	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 982.94	\$ -	\$ 18.97	\$ 15.76	\$ 34.73	\$ 226.77	\$ 261.49	\$ 998.70	\$ 737.21		
18	Q2/2022	04/01/22	06/30/22	91	6.502%	\$ 737.21	\$ -	\$ 18.97	\$ 11.95	\$ 30.92	\$ 226.77	\$ 257.69	\$ 749.16	\$ 491.47		
19	Q3/2022	07/01/22	09/30/22	92	6.502%	\$ 491.47	\$ -	\$ 18.97	\$ 8.05	\$ 27.02	\$ 226.77	\$ 253.79	\$ 499.53	\$ 245.74		
20	Q4/2022	10/01/22	12/31/22	92	6.502%	\$ 245.74	\$ -	\$ 18.97	\$ 4.03	\$ 23.00	\$ 226.77	\$ 249.76	\$ 249.76	\$ 0.00		
						\$ 83,398.92	\$ 379.38	\$ 341.44	\$ 658.94	\$ 1,000.38	\$ 4,081.81	\$ 5,082.19	\$ 84,437.24	\$ 79,355.05		

Customer Information					Subscription Details					Refund History					Financial Summary		
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due	Accrued Interest Due	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)			
Payment	03	06/30/16	06/30/16	1	3.460%	\$ 5,758.15	\$ 0.54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,758.69	\$ 5,758.69			
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 5,758.69	\$ 50.66	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,809.36	\$ 5,809.36			
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 5,809.36	\$ 51.11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,860.47	\$ 5,860.47			
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 5,860.47	\$ 50.58	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,911.04	\$ 5,911.04			
N/A	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 5,911.04	\$ 54.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,965.72	\$ 5,965.72			
N/A	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 5,965.72	\$ 59.55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,025.27	\$ 6,025.27			
N/A	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 6,025.27	\$ 63.94	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,089.20	\$ 6,089.20			
01	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 6,089.20	\$ 63.81	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,153.01	\$ 6,153.01			
02	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 6,153.01	\$ 68.57	\$ 46.34	\$ 68.57	\$ 114.92	\$ 575.82	\$ 690.73	\$ 6,290.16	\$ 5,599.43			
03	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 5,599.43	\$ -	\$ 23.17	\$ 66.19	\$ 89.36	\$ 287.91	\$ 377.27	\$ 5,665.62	\$ 5,288.35			
04	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 5,288.35	\$ -	\$ 23.17	\$ 66.11	\$ 89.29	\$ 287.91	\$ 377.19	\$ 5,354.46	\$ 4,977.27			
05	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 4,977.27	\$ -	\$ 23.17	\$ 63.57	\$ 86.74	\$ 287.91	\$ 374.65	\$ 5,040.84	\$ 4,666.19			
06	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 4,666.19	\$ -	\$ 23.17	\$ 63.40	\$ 86.57	\$ 287.91	\$ 374.48	\$ 4,729.59	\$ 4,355.11			
07	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 4,355.11	\$ -	\$ 23.17	\$ 66.01	\$ 89.18	\$ 287.91	\$ 377.09	\$ 4,421.12	\$ 4,044.03			
08	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 4,044.03	\$ -	\$ 23.17	\$ 63.71	\$ 86.88	\$ 287.91	\$ 374.79	\$ 4,107.74	\$ 3,732.95			
09	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 3,732.95	\$ -	\$ 23.17	\$ 58.33	\$ 81.50	\$ 287.91	\$ 369.40	\$ 3,791.28	\$ 3,421.87			
10	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 3,421.87	\$ -	\$ 23.17	\$ 55.32	\$ 78.49	\$ 287.91	\$ 366.40	\$ 3,477.19	\$ 3,110.79			
11	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 3,110.79	\$ -	\$ 23.17	\$ 50.84	\$ 74.01	\$ 287.91	\$ 361.92	\$ 3,161.63	\$ 2,799.71			
12	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 2,799.71	\$ -	\$ 23.17	\$ 45.75	\$ 68.93	\$ 287.91	\$ 356.83	\$ 2,845.47	\$ 2,488.63			
13	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 2,488.63	\$ -	\$ 23.17	\$ 39.90	\$ 63.07	\$ 287.91	\$ 350.98	\$ 2,528.53	\$ 2,177.55			
14	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 2,177.55	\$ -	\$ 23.17	\$ 35.30	\$ 58.47	\$ 287.91	\$ 346.38	\$ 2,212.85	\$ 1,866.48			
15	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 1,866.48	\$ -	\$ 23.17	\$ 30.59	\$ 53.76	\$ 287.91	\$ 341.67	\$ 1,897.06	\$ 1,555.40			
16	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 1,555.40	\$ -	\$ 23.17	\$ 25.49	\$ 48.66	\$ 287.91	\$ 336.57	\$ 1,580.89	\$ 1,244.32			
17	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 1,244.32	\$ -	\$ 23.17	\$ 19.95	\$ 43.12	\$ 287.91	\$ 331.03	\$ 1,264.27	\$ 933.24			
18	Q2/2022	04/01/22	06/30/22	91	6.502%	\$ 933.24	\$ -	\$ 23.17	\$ 15.13	\$ 38.30	\$ 287.91	\$ 326.21	\$ 948.37	\$ 622.16			

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)							
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
19	Q3/2022	07/01/22	09/30/22	92	6.502%	\$ 622.16	\$ -	\$ 23.17	\$ 10.20	\$ 33.37	\$ 287.91	\$ 321.27	\$ 632.35	\$ 311.08
20	Q4/2022	10/01/22	12/31/22	92	6.502%	\$ 311.08	\$ -	\$ 23.17	\$ 5.10	\$ 28.27	\$ 287.91	\$ 316.18	\$ 316.18	\$ -
						\$ 105,599.23	\$ 463.44	\$ 417.09	\$ 834.16	\$ 1,251.25	\$ 5,182.34	\$ 6,433.58	\$ 106,889.83	\$ 100,456.24
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Payment	04	07/30/16	09/30/16	63	3.500%	\$ 7,254.69	\$ 43.71	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,298.40	\$ 7,298.40
N/A	Q4/2016	01/01/16	12/31/16	92	3.500%	\$ 7,298.40	\$ 64.21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,362.61	\$ 7,362.61
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 7,362.61	\$ 63.54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,426.15	\$ 7,426.15
N/A	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 7,426.15	\$ 68.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,494.84	\$ 7,494.84
N/A	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 7,494.84	\$ 74.81	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,569.64	\$ 7,569.64
N/A	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 7,569.64	\$ 80.33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,649.97	\$ 7,649.97
01	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 7,649.97	\$ 80.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,730.14	\$ 7,730.14
02	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 7,730.14	\$ 86.15	\$ 56.16	\$ 86.15	\$ 142.31	\$ 725.47	\$ 867.78	\$ 7,902.43	\$ 7,034.66
03	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 7,034.66	\$ -	\$ 28.08	\$ 83.16	\$ 111.24	\$ 362.73	\$ 473.97	\$ 7,117.82	\$ 6,643.84
04	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 6,643.84	\$ -	\$ 28.08	\$ 83.06	\$ 111.14	\$ 362.73	\$ 473.88	\$ 6,726.90	\$ 6,253.03
05	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 6,253.03	\$ -	\$ 28.08	\$ 79.87	\$ 107.95	\$ 362.73	\$ 470.68	\$ 6,332.90	\$ 5,862.21
06	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 5,862.21	\$ -	\$ 28.08	\$ 79.65	\$ 107.73	\$ 362.73	\$ 470.47	\$ 5,941.87	\$ 5,471.40
07	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 5,471.40	\$ -	\$ 28.08	\$ 82.93	\$ 111.01	\$ 362.73	\$ 473.74	\$ 5,554.33	\$ 5,080.59
08	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 5,080.59	\$ -	\$ 28.08	\$ 80.04	\$ 108.12	\$ 362.73	\$ 470.86	\$ 5,160.63	\$ 4,685.77
09	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 4,689.77	\$ -	\$ 28.08	\$ 73.28	\$ 101.36	\$ 362.73	\$ 464.09	\$ 4,763.05	\$ 4,298.96
10	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 4,298.96	\$ -	\$ 28.08	\$ 69.50	\$ 97.58	\$ 362.73	\$ 460.31	\$ 4,368.46	\$ 3,908.14
11	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 3,908.14	\$ -	\$ 28.08	\$ 63.87	\$ 91.95	\$ 362.73	\$ 454.68	\$ 3,972.01	\$ 3,517.33
12	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 3,517.33	\$ -	\$ 28.08	\$ 57.48	\$ 85.56	\$ 362.73	\$ 448.30	\$ 3,574.81	\$ 3,126.51
13	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 3,126.51	\$ -	\$ 28.08	\$ 50.12	\$ 78.20	\$ 362.73	\$ 440.94	\$ 3,176.64	\$ 2,735.70
14	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 2,735.70	\$ -	\$ 28.08	\$ 44.34	\$ 72.42	\$ 362.73	\$ 435.16	\$ 2,780.04	\$ 2,344.89
15	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 2,344.89	\$ -	\$ 28.08	\$ 38.43	\$ 66.51	\$ 362.73	\$ 429.24	\$ 2,383.31	\$ 1,954.07
16	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 1,954.07	\$ -	\$ 28.08	\$ 32.02	\$ 60.10	\$ 362.73	\$ 422.84	\$ 1,966.09	\$ 1,563.26
17	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 1,563.26	\$ -	\$ 28.08	\$ 25.06	\$ 53.14	\$ 362.73	\$ 415.88	\$ 1,588.32	\$ 1,172.44
18	Q2/2022	04/01/22	06/30/22	91	6.502%	\$ 1,172.44	\$ -	\$ 28.08	\$ 19.00	\$ 47.08	\$ 362.73	\$ 409.82	\$ 1,191.45	\$ 781.63
19	Q3/2022	07/01/22	09/30/22	92	6.502%	\$ 781.63	\$ -	\$ 28.08	\$ 12.81	\$ 40.89	\$ 362.73	\$ 403.62	\$ 794.44	\$ 390.81
20	Q4/2022	10/01/22	12/31/22	92	6.502%	\$ 390.81	\$ -	\$ 28.08	\$ 6.40	\$ 34.48	\$ 362.73	\$ 397.22	\$ 397.22	\$ 0.00
						\$ 125,443.22	\$ 561.59	\$ 505.44	\$ 1,047.97	\$ 1,553.40	\$ 6,529.22	\$ 8,082.62	\$ 127,052.78	\$ 118,970.16

Refund #	Period	Start Date	End Date	Days	APR Interest	Principal Due	Accrued Interest Due	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
					Rate (%)	(1)	(2)							
Payment 05	05	08/30/16	09/30/16	32	3.500%	\$ 9,054.40	\$ 27.71	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,082.11	\$ 9,082.11
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 9,082.11	\$ 79.90	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,162.01	\$ 9,162.01

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	04/30/16	\$ 6,669.00	\$ -	\$ 3,550.58	\$ 10,219.58
02	05/30/16	\$ 8,521.00	\$ -	\$ 4,535.34	\$ 13,056.34
03	06/30/16	\$ 10,821.00	\$ -	\$ 5,758.15	\$ 16,579.15
04	07/30/16	\$ 13,635.00	\$ -	\$ 7,254.69	\$ 20,889.69
05	08/30/16	\$ 17,013.00	\$ -	\$ 9,054.40	\$ 26,067.40
06	09/30/16	\$ 20,970.00	\$ -	\$ 11,159.62	\$ 32,129.62
07	10/30/16	\$ 25,464.00	\$ -	\$ 13,550.97	\$ 39,014.97
08	11/30/16	\$ 30,363.00	\$ -	\$ 16,158.66	\$ 46,521.66
09	12/30/16	\$ 35,429.00	\$ -	\$ 18,855.51	\$ 54,284.51
10	01/30/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94
11	02/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15
12	03/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51
13	04/28/17	\$ 50,756.00	\$ -	\$ 27,013.56	\$ 77,769.56
14	05/28/17	\$ 50,756.00	\$ -	\$ 27,013.55	\$ 77,769.55
15	06/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51
16	07/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15
17	08/28/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94
18	09/28/17	\$ 36,364.00	\$ -	\$ 19,354.10	\$ 55,718.10
19	10/28/17	\$ 31,164.00	\$ -	\$ 16,585.13	\$ 47,749.13
20	11/28/17	\$ 26,136.00	\$ -	\$ 13,909.21	\$ 40,045.21
21	12/28/17	\$ 21,524.00	\$ -	\$ 11,454.28	\$ 32,978.28
22	01/28/18	\$ 17,928.00	\$ -	\$ 9,541.35	\$ 27,469.35
23	02/28/18	\$ 14,367.00	\$ -	\$ 7,647.04	\$ 22,014.04
24	03/28/18	\$ 11,402.00	\$ -	\$ 6,068.32	\$ 17,470.32
25	04/28/18	\$ 8,980.00	\$ -	\$ 4,780.37	\$ 13,760.37
26	05/28/18	\$ 7,030.00	\$ -	\$ 3,740.55	\$ 10,770.55
27	06/28/18	\$ 5,474.00	\$ -	\$ 2,912.42	\$ 8,386.42
					\$ 3,756.00
		Total	\$ 723,034.00	\$ -	\$ 384,793.00
				\$ 1,107,827.00	\$ 496,248.00

True Up 1
True Up 2

Grand Total **\$ 723,034.00** **\$ -** **\$ 384,793.00** **\$ 1,107,827.00**

\$ 1,107,827.00

In-Service Date: COD:	Estimate	Actual	Comments/Notes
	06/01/18	9/1/2019	
	06/11/18	-	

Refund #	Period	Start Date	End Date	Days	APR Interest	Principal Due	Accrued Interest	Accrued Interest Refund	Quarterly Interest Refund	Total Interest Refund	Principal Refund	Total Refund	Total Due	Running Balance
					Rate (%)	Due (1)	Due (2)	(A)	(B)	(A) + (B) = (C)	(D)	(C) + (D) = (E)	(1) + (2) + (B) = (3)	(3) - (E)
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 9,162.01	\$ 79.07	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,241.08	\$ 9,241.08
N/A	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 9,241.08	\$ 85.48	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,326.56	\$ 9,326.56
N/A	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 9,326.56	\$ 93.09	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,419.65	\$ 9,419.65
N/A	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 9,419.65	\$ 99.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,519.60	\$ 9,519.60
01	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 9,519.60	\$ 99.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,619.36	\$ 9,619.36
02	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 9,619.36	\$ 107.20	\$ 67.22	\$ 107.20	\$ 174.42	\$ 905.44	\$ 1,079.86	\$ 9,833.77	\$ 8,753.91
03	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 8,753.91	\$ -	\$ 33.61	\$ 103.48	\$ 137.09	\$ 452.72	\$ 589.81	\$ 8,857.39	\$ 8,267.58
04	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 8,267.58	\$ -	\$ 33.61	\$ 103.36	\$ 136.97	\$ 452.72	\$ 589.69	\$ 8,370.94	\$ 7,781.25
05	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 7,781.25	\$ -	\$ 33.61	\$ 99.39	\$ 133.00	\$ 452.72	\$ 585.72	\$ 7,880.64	\$ 7,294.92
06	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 7,294.92	\$ -	\$ 33.61	\$ 99.12	\$ 132.73	\$ 452.72	\$ 585.45	\$ 7,394.05	\$ 6,808.60
07	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 6,808.60	\$ -	\$ 33.61	\$ 103.20	\$ 136.81	\$ 452.72	\$ 589.53	\$ 6,911.79	\$ 6,322.27
08	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 6,322.27	\$ -	\$ 33.61	\$ 99.61	\$ 133.21	\$ 452.72	\$ 585.93	\$ 6,421.87	\$ 5,835.94
09	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 5,835.94	\$ -	\$ 33.61	\$ 91.18	\$ 124.79	\$ 452.72	\$ 577.51	\$ 5,927.12	\$ 5,349.61
10	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 5,349.61	\$ -	\$ 33.61	\$ 86.48	\$ 120.09	\$ 452.72	\$ 572.81	\$ 5,436.10	\$ 4,863.28
11	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 4,863.28	\$ -	\$ 33.61	\$ 79.48	\$ 113.08	\$ 452.72	\$ 565.80	\$ 4,942.76	\$ 4,376.95
12	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 4,376.95	\$ -	\$ 33.61	\$ 71.53	\$ 105.14	\$ 452.72	\$ 557.86	\$ 4,448.49	\$ 3,890.63
13	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 3,890.63	\$ -	\$ 33.61	\$ 62.37	\$ 95.98	\$ 452.72	\$ 548.70	\$ 3,953.00	\$ 3,404.30
14	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 3,404.30	\$ -	\$ 33.61	\$ 55.18	\$ 88.79	\$ 452.72	\$ 541.51	\$ 3,459.48	\$ 2,917.97
15	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 2,917.97	\$ -	\$ 33.61	\$ 47.82	\$ 81.43	\$ 452.72	\$ 534.15	\$ 2,965.79	\$ 2,431.64
16	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 2,431.64	\$ -	\$ 33.61	\$ 39.85	\$ 73.46	\$ 452.72	\$ 526.18	\$ 2,471.49	\$ 1,945.31
17	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 1,945.31	\$ -	\$ 33.61	\$ 31.19	\$ 64.79	\$ 452.72	\$ 517.51	\$ 1,976.50	\$ 1,458.98
18	Q2/2022	04/01/22	06/30/22	91	6.502%	\$ 1,458.98	\$ -	\$ 33.61	\$ 23.65	\$ 57.26	\$ 452.72	\$ 509.98	\$ 1,482.63	\$ 972.66
19	Q3/2022	07/01/22	09/30/22	92	6.502%	\$ 972.66	\$ -	\$ 33.61	\$ 15.94	\$ 49.55	\$ 452.72	\$ 502.27	\$ 988.60	\$ 486.33
20	Q4/2022	10/01/22	12/31/22	92	6.502%	\$ 486.33	\$ -	\$ 33.61	\$ 7.97	\$ 41.58	\$ 452.72	\$ 494.30	\$ 494.30	\$ 0.00
					\$ 156,127.93	\$ 672.17	\$ 604.95	\$ 1,304.09	\$ 1,909.04	\$ 8,148.96	\$ 10,058.00	\$ 158,104.18	\$ 148,046.18	

Refund #	Period	Start Date	End Date	Days	APR Interest	Principal Due	Accrued Interest	Accrued Interest Refund	Quarterly Interest Refund	Total Interest Refund	Principal Refund	Total Refund	Total Due	Running Balance
					Rate (%)	Due (1)	Due (2)	(A)	(B)	(A) + (B) = (C)	(D)	(C) + (D) = (E)	(1) + (2) + (B) = (3)	(3) - (E)
Payment	06	09/30/16	09/30/16	1	3.500%	\$ 11,159.62	\$ 1.07	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,160.69	\$ 11,160.69
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 11,160.69	\$ 98.19	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,258.88	\$ 11,258.88
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 11,258.88	\$ 97.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,356.04	\$ 11,356.04
N/A	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 11,356.04	\$ 105.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,461.08	\$ 11,461.08
N/A	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 11,461.08	\$ 114.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,575.48	\$ 11,575.48
N/A	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 11,575.48	\$ 122.83	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,698.31	\$ 11,698.31
01	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 11,698.31	\$ 122.59	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,820.90	\$ 11,820.90
02	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 11,820.90	\$ 131.74	\$ 79.30	\$ 131.74	\$ 211.04	\$ 1,115.96	\$ 1,327.00	\$ 12,084.38	\$ 10,757.38
03	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 10,757.38	\$ -	\$ 39.65	\$ 127.17	\$ 166.82	\$ 557.98	\$ 724.80	\$ 10,884.54	\$ 10,159.74
04	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 10,159.74	\$ -	\$ 39.65	\$ 127.02	\$ 166.67	\$ 557.98	\$ 724.65	\$ 10,286.76	\$ 9,562.11
05	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 9,562.11	\$ -	\$ 39.65	\$ 122.13	\$ 161.78	\$ 557.98	\$ 719.77	\$ 9,684.25	\$ 8,964.48
06	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 8,964.48	\$ -	\$ 39.65	\$ 121.81	\$ 161.46	\$ 557.98	\$ 719.44	\$ 9,086.29	\$ 8,366.85

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	04/30/16	\$ 6,669.00	\$ -	\$ 3,550.58	\$ 10,219.58
02	05/30/16	\$ 8,521.00	\$ -	\$ 4,535.34	\$ 5,849.00
03	06/30/16	\$ 10,821.00	\$ -	\$ 5,758.15	\$ 16,579.15
04	07/30/16	\$ 13,635.00	\$ -	\$ 7,254.69	\$ 20,889.69
05	08/30/16	\$ 17,013.00	\$ -	\$ 9,054.40	\$ 26,067.40
06	09/30/16	\$ 20,970.00	\$ -	\$ 11,159.62	\$ 32,129.62
07	10/30/16	\$ 25,464.00	\$ -	\$ 13,550.97	\$ 39,014.97
08	11/30/16	\$ 30,363.00	\$ -	\$ 16,158.66	\$ 46,521.66
09	12/30/16	\$ 35,429.00	\$ -	\$ 18,855.51	\$ 54,284.51
10	01/30/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94
11	02/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15
12	03/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51
13	04/28/17	\$ 50,756.00	\$ -	\$ 27,013.56	\$ 77,769.56
14	05/28/17	\$ 50,756.00	\$ -	\$ 27,013.55	\$ 77,769.55
15	06/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51
16	07/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15
17	08/28/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94
18	09/28/17	\$ 36,364.00	\$ -	\$ 19,354.10	\$ 55,718.10
19	10/28/17	\$ 31,164.00	\$ -	\$ 16,585.13	\$ 47,749.13
20	11/28/17	\$ 26,136.00	\$ -	\$ 13,909.21	\$ 40,045.21
21	12/28/17	\$ 21,524.00	\$ -	\$ 11,454.28	\$ 32,978.28
22	01/28/18	\$ 17,928.00	\$ -	\$ 9,541.35	\$ 27,469.35
23	02/28/18	\$ 14,367.00	\$ -	\$ 7,647.04	\$ 22,014.04
24	03/28/18	\$ 11,402.00	\$ -	\$ 6,068.32	\$ 17,470.32
25	04/28/18	\$ 8,980.00	\$ -	\$ 4,780.37	\$ 13,760.37
26	05/28/18	\$ 7,030.00	\$ -	\$ 3,740.55	\$ 10,770.55
27	06/28/18	\$ 5,474.00	\$ -	\$ 2,912.42	\$ 8,386.42
					\$ 3,756.00
		Total	\$ 723,034.00	\$ -	\$ 384,793.00
				\$ 1,107,827.00	\$ 496,248.00

True Up 1
N/A
True Up 2
N/A

Grand Total **\$ 723,034.00** **\$ -** **\$ 384,793.00** **\$ 1,107,827.00**

\$ 1,107,827.00

In-Service Date: COD:	Estimate	Actual	Comments/Notes
	06/01/18	9/1/2019	
	06/11/18	06/11/18	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
07	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 8,366.85	\$ -	\$ 39.65	\$ 126.82	\$ 166.47	\$ 557.98	\$ 724.45	\$ 8,493.66	\$ 7,769.22
08	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 7,769.22	\$ -	\$ 39.65	\$ 122.40	\$ 162.05	\$ 557.98	\$ 720.03	\$ 7,891.62	\$ 7,171.58
09	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 7,171.58	\$ -	\$ 39.65	\$ 112.05	\$ 151.70	\$ 557.98	\$ 709.68	\$ 7,283.64	\$ 6,573.95
10	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 6,573.95	\$ -	\$ 39.65	\$ 106.28	\$ 145.93	\$ 557.98	\$ 703.91	\$ 6,680.23	\$ 5,976.32
11	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 5,976.32	\$ -	\$ 39.65	\$ 97.66	\$ 137.32	\$ 557.98	\$ 695.30	\$ 6,073.98	\$ 5,378.69
12	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 5,378.69	\$ -	\$ 39.65	\$ 87.90	\$ 127.55	\$ 557.98	\$ 685.53	\$ 5,466.59	\$ 4,781.06
13	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 4,781.06	\$ -	\$ 39.65	\$ 76.65	\$ 116.30	\$ 557.98	\$ 674.28	\$ 4,857.70	\$ 4,183.42
14	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 4,183.42	\$ -	\$ 39.65	\$ 67.81	\$ 107.46	\$ 557.98	\$ 665.44	\$ 4,251.23	\$ 3,585.79
15	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 3,585.79	\$ -	\$ 39.65	\$ 58.76	\$ 98.41	\$ 557.98	\$ 656.39	\$ 3,644.55	\$ 2,988.16
16	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 2,988.16	\$ -	\$ 39.65	\$ 48.97	\$ 88.62	\$ 557.98	\$ 646.60	\$ 3,037.13	\$ 2,390.53
17	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 2,390.53	\$ -	\$ 39.65	\$ 38.32	\$ 77.97	\$ 557.98	\$ 635.96	\$ 2,428.85	\$ 1,792.90
18	Q2/2022	04/01/22	06/30/22	91	6.502%	\$ 1,792.90	\$ -	\$ 39.65	\$ 29.06	\$ 68.71	\$ 557.98	\$ 626.69	\$ 1,821.96	\$ 1,195.26
19	Q3/2022	07/01/22	09/30/22	92	6.502%	\$ 1,195.26	\$ -	\$ 39.65	\$ 19.59	\$ 59.24	\$ 557.98	\$ 617.22	\$ 1,214.85	\$ 597.63
20	Q4/2022	10/01/22	12/31/22	92	6.502%	\$ 597.63	\$ -	\$ 39.65	\$ 9.79	\$ 49.44	\$ 557.98	\$ 607.43	\$ 607.43	\$ (0.00)
						\$ 191,893.18	\$ 793.02	\$ 713.72	\$ 1,602.55	\$ 2,316.27	\$ 10,043.66	\$ 12,359.92	\$ 194,288.75	\$ 181,928.82

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
07	07/30/16	12/31/16	63	3.500%	\$ 13,550.97	\$ 81.64	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,632.61	\$ 13,632.61
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 13,632.61	\$ 117.65	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,750.26	\$ 13,750.26
N/A	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 13,750.26	\$ 127.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,877.44	\$ 13,877.44
N/A	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 13,877.44	\$ 138.52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,015.96	\$ 14,015.96
N/A	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 14,015.96	\$ 148.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,164.69	\$ 14,164.69
01	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 14,164.69	\$ 148.44	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,313.13	\$ 14,313.13
02	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 14,313.13	\$ 159.51	\$ 92.17	\$ 159.51	\$ 251.68	\$ 1,355.10	\$ 1,606.78	\$ 14,632.15	\$ 13,025.38
03	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 13,025.38	\$ -	\$ 46.08	\$ 153.98	\$ 200.06	\$ 677.55	\$ 877.61	\$ 13,179.35	\$ 12,301.74
04	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 12,301.74	\$ -	\$ 46.08	\$ 153.80	\$ 199.88	\$ 677.55	\$ 877.43	\$ 12,455.54	\$ 11,578.11
05	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 11,578.11	\$ -	\$ 46.08	\$ 147.88	\$ 193.97	\$ 677.55	\$ 871.51	\$ 11,725.99	\$ 10,854.48
06	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 10,854.48	\$ -	\$ 46.08	\$ 147.49	\$ 193.57	\$ 677.55	\$ 871.12	\$ 11,001.97	\$ 10,130.85
07	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 10,130.85	\$ -	\$ 46.08	\$ 153.55	\$ 199.64	\$ 677.55	\$ 877.18	\$ 10,284.40	\$ 9,407.22
08	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 9,407.22	\$ -	\$ 46.08	\$ 148.21	\$ 194.29	\$ 677.55	\$ 871.84	\$ 9,555.43	\$ 8,683.58
09	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 8,683.58	\$ -	\$ 46.08	\$ 135.68	\$ 181.76	\$ 677.55	\$ 859.31	\$ 8,819.26	\$ 7,969.95
10	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 7,959.95	\$ -	\$ 46.08	\$ 128.68	\$ 174.77	\$ 677.55	\$ 852.32	\$ 8,088.64	\$ 7,236.32
11	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 7,236.32	\$ -	\$ 46.08	\$ 118.26	\$ 164.34	\$ 677.55	\$ 841.89	\$ 7,354.58	\$ 6,512.69
12	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 6,512.69	\$ -	\$ 46.08	\$ 106.43	\$ 152.52	\$ 677.55	\$ 830.07	\$ 6,619.12	\$ 5,789.06
13	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 5,789.06	\$ -	\$ 46.08	\$ 92.81	\$ 138.89	\$ 677.55	\$ 816.44	\$ 5,881.86	\$ 5,065.42
14	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 5,065.42	\$ -	\$ 46.08	\$ 82.11	\$ 128.19	\$ 677.55	\$ 805.74	\$ 5,147.53	\$ 4,341.79
15	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 4,341.79	\$ -	\$ 46.08	\$ 71.15	\$ 117.23	\$ 677.55	\$ 794.78	\$ 4,412.94	\$ 3,618.16
16	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 3,618.16	\$ -	\$ 46.08	\$ 59.29	\$ 105.38	\$ 677.55	\$ 782.92	\$ 3,677.45	\$ 2,894.53
17	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 2,894.53	\$ -	\$ 46.08	\$ 46.40	\$ 92.49	\$ 677.55	\$ 770.03	\$ 2,940.93	\$ 2,170.90

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	04/30/16	\$ 6,669.00	\$ -	\$ 3,550.58	\$ 10,219.58
02	05/30/16	\$ 8,521.00	\$ -	\$ 4,535.34	\$ 13,056.34
03	06/30/16	\$ 10,821.00	\$ -	\$ 5,758.15	\$ 16,579.15
04	07/30/16	\$ 13,635.00	\$ -	\$ 7,254.69	\$ 20,889.69
05	08/30/16	\$ 17,013.00	\$ -	\$ 9,054.40	\$ 26,067.40
06	09/30/16	\$ 20,970.00	\$ -	\$ 11,159.62	\$ 32,129.62
07	10/30/16	\$ 25,464.00	\$ -	\$ 13,550.97	\$ 39,014.97
08	11/30/16	\$ 30,363.00	\$ -	\$ 16,158.66	\$ 46,521.66
09	12/30/16	\$ 35,429.00	\$ -	\$ 18,855.51	\$ 54,284.51
10	01/30/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94
11	02/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15
12	03/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51
13	04/28/17	\$ 50,756.00	\$ -	\$ 27,013.56	\$ 77,769.56
14	05/28/17	\$ 50,756.00	\$ -	\$ 27,013.55	\$ 77,769.55
15	06/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51
16	07/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15
17	08/28/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94
18	09/28/17	\$ 36,364.00	\$ -	\$ 19,354.10	\$ 55,718.10
19	10/28/17	\$ 31,164.00	\$ -	\$ 16,585.13	\$ 47,749.13
20	11/28/17	\$ 26,136.00	\$ -	\$ 13,909.21	\$ 40,045.21
21	12/28/17	\$ 21,524.00	\$ -	\$ 11,454.28	\$ 32,978.28
22	01/28/18	\$ 17,928.00	\$ -	\$ 9,541.35	\$ 27,469.35
23	02/28/18	\$ 14,367.00	\$ -	\$ 7,647.04	\$ 22,014.04
24	03/28/18	\$ 11,402.00	\$ -	\$ 6,068.32	\$ 17,470.32
25	04/28/18	\$ 8,980.00	\$ -	\$ 4,780.37	\$ 13,760.37
26	05/28/18	\$ 7,030.00	\$ -	\$ 3,740.55	\$ 10,770.55
27	06/28/18	\$ 5,474.00	\$ -	\$ 2,912.42	\$ 8,386.42
					\$ 3,756.00
					Total \$ 723,034.00
					\$ 384,793.00
					\$ 1,107,827.00
					Total \$ 496,248.00

True Up 1
N/A
True Up 2
N/A
Grand Total \$ 723,034.00

In-Service Date: COD:	Estimate	Actual	Comments/Notes
	06/01/18	9/1/2019	
	06/11/18	-	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
													Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
18	Q2/2022	04/01/22	06/30/22	91	6.502%	\$ 2,170.90	\$ -	\$ 46.08	\$ 35.19	\$ 81.27	\$ 677.55	\$ 758.82	\$ 2,206.08	\$ 1,447.26
19	Q3/2022	07/01/22	09/30/22	92	6.502%	\$ 1,447.26	\$ -	\$ 46.08	\$ 23.72	\$ 69.80	\$ 677.55	\$ 747.35	\$ 1,470.98	\$ 723.63
20	Q4/2022	10/01/22	12/31/22	92	6.502%	\$ 723.63	\$ -	\$ 46.08	\$ 11.86	\$ 57.94	\$ 677.55	\$ 735.49	\$ 735.49	\$ (0.00)
						\$ 218,875.24	\$ 921.67	\$ 829.50	\$ 1,940.42	\$ 2,769.92	\$ 12,195.87	\$ 14,965.79	\$ 221,737.33	\$ 206,771.54

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
													Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Payment	08	11/30/16	12/31/16	32	3.500%	\$ 16,158.66	\$ 49.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,208.11	\$ 16,208.11
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 16,208.11	\$ 139.88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,347.99	\$ 16,347.99
N/A	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 16,347.99	\$ 151.21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,499.20	\$ 16,499.20
N/A	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 16,499.20	\$ 164.68	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,663.88	\$ 16,663.88
N/A	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 16,663.88	\$ 176.83	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,840.71	\$ 16,840.71
01	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 16,840.71	\$ 176.48	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,017.19	\$ 17,017.19
02	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 17,017.19	\$ 189.65	\$ 104.82	\$ 189.65	\$ 294.46	\$ 1,615.87	\$ 1,910.33	\$ 17,396.48	\$ 15,486.15
03	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 15,486.15	\$ -	\$ 52.41	\$ 183.07	\$ 235.48	\$ 807.93	\$ 1,043.41	\$ 15,669.22	\$ 14,625.81
04	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 14,625.81	\$ -	\$ 52.41	\$ 182.85	\$ 235.26	\$ 807.93	\$ 1,043.19	\$ 14,808.66	\$ 13,765.47
05	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 13,765.47	\$ -	\$ 52.41	\$ 175.82	\$ 228.23	\$ 807.93	\$ 1,036.16	\$ 13,941.29	\$ 12,905.13
06	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 12,905.13	\$ -	\$ 52.41	\$ 175.35	\$ 227.76	\$ 807.93	\$ 1,035.69	\$ 13,080.48	\$ 12,044.79
07	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 12,044.79	\$ -	\$ 52.41	\$ 182.56	\$ 234.97	\$ 807.93	\$ 1,042.90	\$ 12,227.35	\$ 11,184.45
08	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 11,184.45	\$ -	\$ 52.41	\$ 176.21	\$ 228.62	\$ 807.93	\$ 1,036.55	\$ 11,360.65	\$ 10,324.10
09	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 10,324.10	\$ -	\$ 52.41	\$ 161.31	\$ 213.72	\$ 807.93	\$ 1,021.65	\$ 10,485.41	\$ 9,463.76
10	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 9,463.76	\$ -	\$ 52.41	\$ 153.00	\$ 205.40	\$ 807.93	\$ 1,013.34	\$ 9,616.76	\$ 8,603.42
11	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 8,603.42	\$ -	\$ 52.41	\$ 140.60	\$ 193.01	\$ 807.93	\$ 1,009.44	\$ 8,744.02	\$ 7,743.08
12	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 7,743.08	\$ -	\$ 52.41	\$ 126.54	\$ 178.95	\$ 807.93	\$ 986.88	\$ 7,869.62	\$ 6,882.74
13	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 6,882.74	\$ -	\$ 52.41	\$ 110.34	\$ 162.75	\$ 807.93	\$ 970.68	\$ 6,993.07	\$ 6,022.39
14	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 6,022.39	\$ -	\$ 52.41	\$ 97.62	\$ 150.03	\$ 807.93	\$ 957.96	\$ 6,120.01	\$ 5,162.05
15	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 5,162.05	\$ -	\$ 52.41	\$ 84.59	\$ 137.00	\$ 807.93	\$ 944.93	\$ 5,246.64	\$ 4,301.71
16	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 4,301.71	\$ -	\$ 52.41	\$ 70.49	\$ 122.90	\$ 807.93	\$ 930.84	\$ 4,372.20	\$ 3,441.37
17	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 3,441.37	\$ -	\$ 52.41	\$ 55.17	\$ 107.58	\$ 807.93	\$ 915.51	\$ 3,496.54	\$ 2,581.03
18	Q2/2022	04/01/22	06/30/22	91	6.502%	\$ 2,581.03	\$ -	\$ 52.41	\$ 41.84	\$ 94.25	\$ 807.93	\$ 902.18	\$ 2,622.86	\$ 1,720.68
19	Q3/2022	07/01/22	09/30/22	92	6.502%	\$ 1,720.68	\$ -	\$ 52.41	\$ 28.20	\$ 80.61	\$ 807.93	\$ 888.54	\$ 1,748.88	\$ 860.34
20	Q4/2022	10/01/22	12/31/22	92	6.502%	\$ 860.34	\$ -	\$ 52.41	\$ 14.10	\$ 66.51	\$ 807.93	\$ 874.44	\$ 874.44	\$ (0.00)
						\$ 260,273.18	\$ 1,048.18	\$ 943.36	\$ 2,307.00	\$ 3,250.36	\$ 14,542.79	\$ 17,793.16	\$ 263,628.36	\$ 245,835.20

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
													Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Payment	09	12/30/16	12/31/16	2	3.500%	\$ 18,855.51	\$ 3.61	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,859.12	\$ 18,859.12
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 18,859.12	\$ 162.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,021.87	\$ 19,021.87

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost	Total Cost	
01	04/30/16	\$ 6,669.00	\$ -	\$ 3,550.58	\$ 10,219.58	\$ 4,579.00
02	05/30/16	\$ 8,521.00	\$ -	\$ 4,535.34	\$ 13,056.34	\$ 5,849.00
03	06/30/16	\$ 10,821.00	\$ -	\$ 5,758.15	\$ 16,579.15	\$ 7,426.00
04	07/30/16	\$ 13,635.00	\$ -	\$ 7,254.69	\$ 20,889.69	\$ 9,356.00
05	08/30/16	\$ 17,013.00	\$ -	\$ 9,054.40	\$ 26,067.40	\$ 11,677.00
06	09/30/16	\$ 20,970.00	\$ -	\$ 11,159.62	\$ 32,129.62	\$ 14,392.00
07	10/30/16	\$ 25,464.00	\$ -	\$ 13,550.97	\$ 39,014.97	\$ 17,476.00
08	11/30/16	\$ 30,363.00	\$ -	\$ 16,158.66	\$ 46,521.66	\$ 20,839.00
09	12/30/16	\$ 35,429.00	\$ -	\$ 18,855.51	\$ 54,284.51	\$ 24,317.00
10	01/30/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94	\$ 28,398.00
11	02/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15	\$ 31,398.00
12	03/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51	\$ 33,636.00
13	04/28/17	\$ 50,756.00	\$ -	\$ 27,013.56	\$ 77,769.56	\$ 34,838.00
14	05/28/17	\$ 50,756.00	\$ -	\$ 27,013.55	\$ 77,769.55	\$ 34,838.00
15	06/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51	\$ 33,636.00
16	07/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15	\$ 31,398.00
17	08/28/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94	\$ 28,398.00
18	09/28/17	\$ 36,364.00	\$ -	\$ 19,354.10	\$ 55,718.10	\$ 24,960.00
19	10/28/17	\$ 31,164.00	\$ -	\$ 16,585.13	\$ 47,749.13	\$ 21,389.00
20	11/28/17	\$ 26,136.00	\$ -	\$ 13,909.21	\$ 40,045.21	\$ 17,938.00
21	12/28/17	\$ 21,524.00	\$ -	\$ 11,454.28	\$ 32,978.28	\$ 14,772.00
22	01/28/18	\$ 17,928.00	\$ -	\$ 9,541.35	\$ 27,469.35	\$ 12,305.00
23	02/28/18	\$ 14,367.00	\$ -	\$ 7,647.04	\$ 22,014.04	\$ 9,862.00
24	03/28/18	\$ 11,402.00	\$ -	\$ 6,068.32	\$ 17,470.32	\$ 7,826.00
25	04/28/18	\$ 8,980.00	\$ -	\$ 4,780.37	\$ 13,760.37	\$ 6,165.00
26	05/28/18	\$ 7,030.00	\$ -	\$ 3,740.55	\$ 10,770.55	\$ 4,824.00
27	06/28/18	\$ 5,474.00	\$ -	\$ 2,912.42	\$ 8,386.42	\$ 3,756.00
	Total	\$ 723,034.00	\$ -	\$ 384,793.00	\$ 1,107,827.00	\$ 496,248.00
True Up 1						384,793.00
True Up 2						
	Grand Total	\$ 723,034.00	\$ -	\$ 384,793.00	\$ 1,107,827.00	\$ -

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund		Quarterly Interest Refund		Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) = (B) = (3)	Running Balance (3) - (E)
								(A)	(B)	(A)	(B)					
N/A	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 19,021.87	\$ 175.94	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,197.82	\$ 19,197.82
N/A	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 19,197.82	\$ 191.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,389.44	\$ 19,389.44
N/A	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 19,389.44	\$ 205.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,595.19	\$ 19,595.19
01	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 19,595.19	\$ 205.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,800.54	\$ 19,800.54
02	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 19,800.54	\$ 220.66	\$ 116.57	\$ 220.66	\$ 337.23	\$ 1,885.55	\$ 2,222.78	\$ 20,241.87	\$ 16,019.06		
03	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 18,019.08	\$ 58.28	\$ 58.28	\$ 213.01	\$ 271.29	\$ 942.78	\$ 1,214.07	\$ 18,239.09	\$ 17,018.02		
04	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 17,018.02	\$ -	\$ 58.28	\$ 212.76	\$ 271.04	\$ 942.78	\$ 1,213.82	\$ 17,230.78	\$ 16,016.96		
05	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 16,016.96	\$ -	\$ 58.28	\$ 204.58	\$ 262.86	\$ 942.78	\$ 1,205.64	\$ 16,221.54	\$ 15,019.60		
06	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 15,015.90	\$ -	\$ 58.28	\$ 204.03	\$ 262.32	\$ 942.78	\$ 1,205.09	\$ 15,219.93	\$ 14,014.84		
07	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 14,014.84	\$ -	\$ 58.28	\$ 212.42	\$ 270.71	\$ 942.78	\$ 1,213.48	\$ 14,227.26	\$ 13,013.78		
08	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 13,013.78	\$ -	\$ 58.28	\$ 205.03	\$ 263.31	\$ 942.78	\$ 1,206.09	\$ 13,218.81	\$ 12,012.72		
09	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 12,012.72	\$ -	\$ 58.28	\$ 187.69	\$ 245.98	\$ 942.78	\$ 1,188.75	\$ 12,200.41	\$ 11,011.66		
10	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 11,011.66	\$ -	\$ 58.28	\$ 178.02	\$ 236.30	\$ 942.78	\$ 1,179.08	\$ 11,189.68	\$ 10,010.60		
11	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 10,010.60	\$ -	\$ 58.28	\$ 163.59	\$ 221.88	\$ 942.78	\$ 1,164.65	\$ 10,174.19	\$ 9,009.54		
12	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 9,009.54	\$ -	\$ 58.28	\$ 147.24	\$ 205.52	\$ 942.78	\$ 1,148.30	\$ 9,156.78	\$ 8,008.48		
13	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 8,008.48	\$ -	\$ 58.28	\$ 128.39	\$ 186.67	\$ 942.78	\$ 1,129.45	\$ 8,136.87	\$ 7,007.42		
14	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 7,007.42	\$ -	\$ 58.28	\$ 113.59	\$ 171.87	\$ 942.78	\$ 1,114.65	\$ 7,121.01	\$ 6,006.36		
15	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 6,006.36	\$ -	\$ 58.28	\$ 98.43	\$ 156.71	\$ 942.78	\$ 1,099.49	\$ 6,104.79	\$ 5,005.30		
16	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 5,005.30	\$ -	\$ 58.28	\$ 82.02	\$ 140.31	\$ 942.78	\$ 1,083.08	\$ 5,087.32	\$ 4,004.24		
17	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 4,004.24	\$ -	\$ 58.28	\$ 64.19	\$ 122.48	\$ 942.78	\$ 1,065.25	\$ 4,068.43	\$ 3,003.18		
18	Q2/2022	04/01/22	06/30/22	91	6.502%	\$ 3,003.18	\$ -	\$ 58.28	\$ 48.68	\$ 106.96	\$ 942.78	\$ 1,049.74	\$ 3,051.86	\$ 2,002.12		
19	Q3/2022	07/01/22	09/30/22	92	6.502%	\$ 2,002.12	\$ -	\$ 58.28	\$ 32.81	\$ 91.09	\$ 942.78	\$ 1,033.87	\$ 2,034.93	\$ 1,001.06		
20	Q4/2022	10/01/22	12/31/22	92	6.502%	\$ 1,001.06	\$ -	\$ 58.28	\$ 16.40	\$ 74.69	\$ 942.78	\$ 1,017.46	\$ 0.00			

			\$ 302,657.57	\$ 1,163.69	\$ 1,049.12	\$ 2,664.34	\$ 3,733.46	\$ 16,969.96	\$ 20,703.42	\$ 306,747.59	\$ 286,044.76			
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Payment	10	01/30/17	03/31/17	61	3.500%	\$ 22,019.94	\$ 128.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,148.74	\$ 22,148.74
N/A	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 22,148.74	\$ 204.87	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,353.61	\$ 22,353.61
N/A	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 22,353.61	\$ 223.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,576.73	\$ 22,576.73
N/A	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 22,576.73	\$ 239.57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,816.30	\$ 22,816.30
01	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 22,816.30	\$ 239.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,055.40	\$ 23,055.40
02	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 23,055.40	\$ 256.94	\$ 129.24	\$ 256.94	\$ 386.18	\$ 2,201.99	\$ 2,588.17	\$ 23,569.28	\$ 20,981.11
03	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 20,981.11	\$ -	\$ 64.62	\$ 248.03	\$ 312.65	\$ 1,101.00	\$ 1,413.64	\$ 21,229.13	\$ 19,815.49
04	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 19,815.49	\$ -	\$ 64.62	\$ 247.73	\$ 312.35	\$ 1,101.00	\$ 1,413.35	\$ 20,063.22	\$ 18,649.87
05	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 18,649.87	\$ -	\$ 64.62	\$ 238.21	\$ 302.83	\$ 1,101.00	\$ 1,403.82	\$ 18,888.08	\$ 17,484.26
06	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 17,484.26	\$ -	\$ 64.62	\$ 237.57	\$ 302.19	\$ 1,101.00	\$ 1,403.19	\$ 17,721.83	\$ 16,318.64
07	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 16,318.64	\$ -	\$ 64.62	\$ 247.34	\$ 311.96	\$ 1,101.00	\$ 1,412.96	\$ 16,565.98	\$ 15,150.02
08	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 15,153.02	\$ -	\$ 64.62	\$ 238.73	\$ 303.35	\$ 1,101.00	\$ 1,404.35	\$ 15,391.76	\$ 13,987.40
09	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 13,987.40	\$ -	\$ 64.62	\$ 218.55	\$ 283.17	\$ 1,101.00	\$ 1,384.16	\$ 14,205.95	\$ 12,821.79

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	04/30/16	\$ 6,669.00	\$ -	\$ 3,550.58	\$ 10,219.58
02	05/30/16	\$ 8,521.00	\$ -	\$ 4,535.34	\$ 13,056.34
03	06/30/16	\$ 10,821.00	\$ -	\$ 5,758.15	\$ 16,579.15
04	07/30/16	\$ 13,635.00	\$ -	\$ 7,254.69	\$ 20,889.69
05	08/30/16	\$ 17,013.00	\$ -	\$ 9,054.40	\$ 26,067.40
06	09/30/16	\$ 20,970.00	\$ -	\$ 11,159.62	\$ 32,129.62
07	10/30/16	\$ 25,464.00	\$ -	\$ 13,550.97	\$ 39,014.97
08	11/30/16	\$ 30,363.00	\$ -	\$ 16,158.66	\$ 46,521.66
09	12/30/16	\$ 35,429.00	\$ -	\$ 18,855.51	\$ 54,284.51
10	01/30/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94
11	02/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15
12	03/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51
13	04/28/17	\$ 50,756.00	\$ -	\$ 27,013.56	\$ 77,769.56
14	05/28/17	\$ 50,756.00	\$ -	\$ 27,013.55	\$ 77,769.55
15	06/28/17	\$ 49,009.00	\$ -	\$ 26,081.51	\$ 75,090.51
16	07/28/17	\$ 45,750.00	\$ -	\$ 24,346.15	\$ 70,096.15
17	08/28/17	\$ 41,375.00	\$ -	\$ 22,019.94	\$ 63,394.94
18	09/28/17	\$ 36,364.00	\$ -	\$ 19,354.10	\$ 55,718.10
19	10/28/17	\$ 31,164.00	\$ -	\$ 16,585.13	\$ 47,749.13
20	11/28/17	\$ 26,136.00	\$ -	\$ 13,909.21	\$ 40,045.21
21	12/28/17	\$ 21,524.00	\$ -	\$ 11,454.28	\$ 32,978.28
22	01/28/18	\$ 17,928.00	\$ -	\$ 9,541.35	\$ 27,469.35
23	02/28/18	\$ 14,367.00	\$ -	\$ 7,647.04	\$ 22,014.04
24	03/28/18	\$ 11,402.00	\$ -	\$ 6,068.32	\$ 17,470.32
25	04/28/18	\$ 8,980.00	\$ -	\$ 4,780.37	\$ 13,760.37
26	05/28/18	\$ 7,030.00	\$ -	\$ 3,740.55	\$ 10,770.55
27	06/28/18	\$ 5,474.00	\$ -	\$ 2,912.42	\$ 8,386.42
					\$ 3,756.00
					Total \$ 723,034.00 \$ - \$ 384,793.00 \$ 1,107,827.00 \$ 496,248.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ 384,793.00
True Up 2	N/A	\$ -	\$ -	\$ -	
					Grand Total \$ 723,034.00 \$ - \$ 384,793.00 \$ 1,107,827.00 \$ 1,107,827.00

In-Service Date: COD:	Estimate	Actual	Comments/Notes
	06/01/18	9/1/2019	
	06/11/18	06/11/18	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
10	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 12,821.79	\$ -	\$ 64.62	\$ 207.28	\$ 271.90	\$ 1,101.00	\$ 1,372.90	\$ 13,029.07	\$ 11,656.17
11	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 11,656.17	\$ -	\$ 64.62	\$ 190.48	\$ 255.10	\$ 1,101.00	\$ 1,356.10	\$ 11,846.66	\$ 10,490.55
12	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 10,490.55	\$ -	\$ 64.62	\$ 171.44	\$ 236.06	\$ 1,101.00	\$ 1,337.06	\$ 10,662.00	\$ 9,324.94
13	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 9,324.94	\$ -	\$ 64.62	\$ 149.49	\$ 214.11	\$ 1,101.00	\$ 1,315.11	\$ 9,474.43	\$ 8,159.32
14	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 8,159.32	\$ -	\$ 64.62	\$ 132.26	\$ 196.88	\$ 1,101.00	\$ 1,297.87	\$ 8,291.58	\$ 6,993.70
15	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 6,993.70	\$ -	\$ 64.62	\$ 114.61	\$ 179.23	\$ 1,101.00	\$ 1,280.23	\$ 7,108.31	\$ 5,828.09
16	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 5,828.09	\$ -	\$ 64.62	\$ 95.51	\$ 160.13	\$ 1,101.00	\$ 1,261.12	\$ 5,923.59	\$ 4,662.47
17	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 4,662.47	\$ -	\$ 64.62	\$ 74.75	\$ 139.37	\$ 1,101.00	\$ 1,240.36	\$ 4,737.21	\$ 3,496.85
18	Q2/2022	04/01/22	06/30/22	91	6.502%	\$ 3,496.85	\$ -	\$ 64.62	\$ 56.68	\$ 121.30	\$ 1,101.00	\$ 1,222.30	\$ 3,553.53	\$ 2,331.23
19	Q3/2022	07/01/22	09/30/22	92	6.502%	\$ 2,331.23	\$ -	\$ 64.62	\$ 38.20	\$ 102.82	\$ 1,101.00	\$ 1,203.82	\$ 2,369.44	\$ 1,165.62
20	Q4/2022	10/01/22	12/31/22	92	6.502%	\$ 1,165.62	\$ -	\$ 64.62	\$ 19.10	\$ 83.72	\$ 1,101.00	\$ 1,184.72	\$ 1,184.72	\$ 0.00
						\$ 330,794.39	\$ 1,292.40	\$ 1,163.16	\$ 3,125.60	\$ 4,288.76	\$ 19,817.95	\$ 24,106.70	\$ 335,212.39	\$ 311,105.69

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost	Total Cost	Refund #	Period	Facility Cost Accrued Interest	Facility Cost Quarterly Interest	Facility Cost Total Interest	Facility Cost Principal Refund	Facility Cost Total Refund
01	06/06/18	\$ 883,000.00	\$ -	\$ -	\$ 883,000.00	01	Q2/2016	\$ 832.88	\$ -	\$ 832.88	\$ 44,150.00	\$ 44,982.88
02	N/A	\$ -	\$ -	\$ -	\$ -	02	Q3/2016	\$ 832.88	\$ 13,353.89	\$ 14,186.77	\$ 44,150.00	\$ 58,336.77
03	N/A	\$ -	\$ -	\$ -	\$ -	03	Q4/2016	\$ 832.88	\$ 13,089.83	\$ 13,922.71	\$ 44,150.00	\$ 58,072.71
04	N/A	\$ -	\$ -	\$ -	\$ -	04	Q1/2017	\$ 832.88	\$ 12,496.83	\$ 13,329.71	\$ 44,150.00	\$ 57,479.71
05	N/A	\$ -	\$ -	\$ -	\$ -	05	Q2/2017	\$ 832.88	\$ 11,762.26	\$ 12,595.14	\$ 44,150.00	\$ 56,745.14
06	N/A	\$ -	\$ -	\$ -	\$ -	06	Q3/2017	\$ 832.88	\$ 10,816.95	\$ 11,649.83	\$ 44,150.00	\$ 55,799.83
07	N/A	\$ -	\$ -	\$ -	\$ -	07	Q4/2017	\$ 832.88	\$ 10,208.00	\$ 11,040.88	\$ 44,150.00	\$ 55,190.88
08	N/A	\$ -	\$ -	\$ -	\$ -	08	Q1/2018	\$ 832.88	\$ 9,583.02	\$ 10,415.90	\$ 44,150.00	\$ 54,565.90
09	N/A	\$ -	\$ -	\$ -	\$ -	09	Q2/2018	\$ 832.88	\$ 8,845.86	\$ 9,678.74	\$ 44,150.00	\$ 53,828.74
10	N/A	\$ -	\$ -	\$ -	\$ -	10	Q3/2018	\$ 832.88	\$ 7,932.43	\$ 8,765.31	\$ 44,150.00	\$ 52,915.31
11	N/A	\$ -	\$ -	\$ -	\$ -	11	Q4/2018	\$ 832.88	\$ 7,291.43	\$ 8,124.31	\$ 44,150.00	\$ 52,274.31
12	N/A	\$ -	\$ -	\$ -	\$ -	12	Q1/2019	\$ 832.88	\$ 6,634.40	\$ 7,467.28	\$ 44,150.00	\$ 51,617.28
13	N/A	\$ -	\$ -	\$ -	\$ -	13	Q2/2019	\$ 832.88	\$ 5,897.24	\$ 6,730.12	\$ 44,150.00	\$ 50,880.12
14	N/A	\$ -	\$ -	\$ -	\$ -	14	Q3/2019	\$ 832.88	\$ 5,047.91	\$ 5,880.79	\$ 44,150.00	\$ 50,030.79
15	N/A	\$ -	\$ -	\$ -	\$ -	15	Q4/2019	\$ 832.88	\$ 4,374.86	\$ 5,207.73	\$ 44,150.00	\$ 49,357.73
16	N/A	\$ -	\$ -	\$ -	\$ -	16	Q1/2020	\$ 832.88	\$ 3,685.78	\$ 4,518.65	\$ 44,150.00	\$ 48,668.65
17	N/A	\$ -	\$ -	\$ -	\$ -	17	Q2/2020	\$ 832.88	\$ 2,948.62	\$ 3,781.50	\$ 44,150.00	\$ 47,931.50
18	N/A	\$ -	\$ -	\$ -	\$ -	18	Q3/2020	\$ 832.88	\$ 2,181.45	\$ 3,014.33	\$ 44,150.00	\$ 47,164.33
19	N/A	\$ -	\$ -	\$ -	\$ -	19	Q4/2020	\$ 832.88	\$ 1,454.30	\$ 2,287.18	\$ 44,150.00	\$ 46,437.18
20	N/A	\$ -	\$ -	\$ -	\$ -	20	Q1/2021	\$ 832.88	\$ 735.14	\$ 1,568.02	\$ 44,150.00	\$ 45,718.02
Total		\$ 883,000.00	\$ -	\$ -	\$ 883,000.00			\$ 16,657.57	\$ 138,340.20	\$ 154,997.77	\$ 883,000.00	\$ 1,037,997.77

True Up 1	N/A	\$ -	\$ -	\$ -	\$ -		In-Service Date:	Estimate	Actual	Comments/Notes	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -		9/1/2019	9/1/2019	Phased		
Grand Total		\$ 883,000.00	\$ -	\$ -	\$ 883,000.00		COD:	08/20/18	09/30/18	Customer Acct 10242637	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Facility Cost 01					Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
N/A	Q2/2018	06/06/18	06/30/18	25	4.470%	\$ 883,000.00	\$ 2,703.43	\$ 832.88	\$ -	\$ 832.88	\$ -	\$ -	\$ 885,703.43	\$ 885,703.43
01	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 885,703.43	\$ 13,954.14	\$ 832.88	\$ 13,353.89	\$ 14,186.77	\$ 44,150.00	\$ 44,982.88	\$ 899,657.57	\$ 854,674.69
02	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 854,674.69	\$ -	\$ 832.88	\$ 13,089.83	\$ 13,922.71	\$ 44,150.00	\$ 58,336.77	\$ 868,028.58	\$ 809,691.81
03	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 809,691.81	\$ -	\$ 832.88	\$ 13,089.83	\$ 13,922.71	\$ 44,150.00	\$ 58,072.71	\$ 822,781.65	\$ 764,708.94
04	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 764,708.94	\$ -	\$ 832.88	\$ 12,496.83	\$ 13,329.71	\$ 44,150.00	\$ 57,479.71	\$ 777,205.76	\$ 719,726.06
05	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 719,726.06	\$ -	\$ 832.88	\$ 11,762.26	\$ 12,595.14	\$ 44,150.00	\$ 56,745.14	\$ 731,488.32	\$ 674,743.18
06	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 674,743.18	\$ -	\$ 832.88	\$ 10,816.95	\$ 11,649.83	\$ 44,150.00	\$ 55,799.83	\$ 685,560.13	\$ 629,760.30
07	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 629,760.30	\$ -	\$ 832.88	\$ 10,208.00	\$ 11,040.88	\$ 44,150.00	\$ 55,190.88	\$ 639,968.30	\$ 584,777.42
08	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 584,777.42	\$ -	\$ 832.88	\$ 9,583.02	\$ 10,415.90	\$ 44,150.00	\$ 54,565.90	\$ 594,360.44	\$ 539,794.54
09	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 539,794.54	\$ -	\$ 832.88	\$ 8,845.86	\$ 9,678.74	\$ 44,150.00	\$ 53,828.74	\$ 548,640.41	\$ 494,811.66
10	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 494,811.66	\$ -	\$ 832.88	\$ 7,932.43	\$ 8,765.31	\$ 44,150.00	\$ 52,915.31	\$ 502,744.10	\$ 449,828.79
11	Q2/2022	04/01/22	06/30/22	91	6.502%	\$ 449,828.79	\$ -	\$ 832.88	\$ 7,291.43	\$ 8,124.31	\$ 44,150.00	\$ 52,274.31	\$ 457,120.21	\$ 404,845.91
12	Q3/2022	07/01/22	09/30/22	92	6.502%	\$ 404,845.91	\$ -	\$ 832.88	\$ 6,634.40	\$ 7,467.28	\$ 44,150.00	\$ 51,617.28	\$ 411,480.30	\$ 359,863.03
13	Q4/2022	10/01/22	12/31/22	92	6.502%	\$ 359,863.03	\$ -	\$ 832.88	\$ 5,897.24	\$ 6,730.12	\$ 44,150.00	\$ 50,880.12	\$ 365,760.27	\$ 314,880.15
14	Q1/2023	01/01/23	03/31/23	90	6.502%	\$ 314,880.15	\$ -	\$ 832.88	\$ 5,047.91	\$ 5,880.79	\$ 44,150.00	\$ 50,030.79	\$ 319,928.06	\$ 269,897.27
15	Q2/2023	04/01/23	06/30/23	91	6.502%	\$ 269,897.27	\$ -	\$ 832.88	\$ 4,374.86	\$ 5,207.73	\$ 44,150.00	\$ 49,357.73	\$ 274,272.13	\$ 224,914.39
16	Q3/2023	07/01/23	09/30/23	92	6.502%	\$ 224,914.39	\$ -	\$ 832.88	\$ 3,685.78	\$ 4,518.65	\$ 44,150.00	\$ 48,668.65	\$ 228,600.17	\$ 179,931.51
17	Q4/2023	10/01/23	12/31/23	92	6.502%	\$ 179,931.51	\$ -	\$ 832.88	\$ 2,948.62	\$ 3,781.50	\$ 44,150.00	\$ 47,931.50	\$ 182,880.14	\$ 134,948.64
18	Q1/2024	01/01/24	03/31/24	91	6.502%	\$ 134,948.64	\$ -	\$ 832.88	\$ 2,181.45	\$ 3,014.33	\$ 44,150.00	\$ 47,164.33	\$ 137,130.09	\$ 89,965.76
19	Q2/2024	04/01/24	06/30/24	91	6.502%	\$ 89,965.76	\$ -	\$ 832.88	\$ 1,454.30	\$ 2,287.18	\$ 44,150.00	\$ 46,437.18	\$ 91,420.06	\$ 44,982.88
20	Q3/2024	07/01/24	09/30/24	92	6.502%	\$ 44,982.88	\$ -	\$ 832.88	\$ 735.14	\$ 1,568.02	\$ 44,150.00	\$ 45,718.02	\$ 45,718.02	-
						\$ 10,315,450.35	\$ 16,657.57	\$ 16,657.57	\$ 138,340.20	\$ 154,997.77	\$ 883,000.00	\$ 1,037,997.77	\$ 10,470,448.13	\$ 9,432,450.35

Payment #	Date Received	One-Time Cost		Total Cost
		Facility Cost	ITCC	
01	12/01/14	\$ 59,849.00	\$ -	\$ 410.00 \$ 60,259.00
02	01/01/15	\$ 80,587.00	\$ -	\$ 552.00 \$ 81,139.00
03	02/01/15	\$ 104,451.00	\$ -	\$ 716.00 \$ 105,167.00
04	03/01/15	\$ 133,928.00	\$ -	\$ 918.00 \$ 134,846.00
05	04/01/15	\$ 169,361.00	\$ -	\$ 1,161.00 \$ 170,522.00
06	05/01/15	\$ 210,457.00	\$ -	\$ 1,443.00 \$ 211,900.00
07	06/01/15	\$ 255,920.00	\$ -	\$ 1,755.00 \$ 257,675.00
08	07/01/15	\$ 303,130.00	\$ -	\$ 2,078.00 \$ 305,208.00
09	08/01/15	\$ 50,272.00	\$ -	\$ 220.00 \$ 50,492.00
10	09/01/15	\$ 68,283.00	\$ -	\$ 299.00 \$ 68,582.00
11	10/01/15	\$ 91,495.00	\$ -	\$ 400.00 \$ 91,895.00
12	11/01/15	\$ 120,394.00	\$ -	\$ 526.00 \$ 120,920.00
13	12/01/15	\$ 154,687.00	\$ -	\$ 677.00 \$ 155,364.00
14	01/01/16	\$ 198,019.00	\$ -	\$ 866.00 \$ 198,885.00
15	02/01/16	\$ 237,602.00	\$ -	\$ 1,039.00 \$ 238,641.00
16	03/01/16	\$ 272,474.00	\$ -	\$ 1,191.00 \$ 273,665.00
17	04/01/16	\$ 296,697.00	\$ -	\$ 1,297.00 \$ 297,994.00
18	05/01/16	\$ 305,406.00	\$ -	\$ 1,335.00 \$ 306,741.00
19	06/01/16	\$ 296,697.00	\$ -	\$ 1,297.00 \$ 297,994.00
20	07/01/16	\$ 272,474.00	\$ -	\$ 1,191.00 \$ 273,665.00
21	08/01/16	\$ 237,602.00	\$ -	\$ 1,039.00 \$ 238,641.00
22	09/01/16	\$ 198,019.00	\$ -	\$ 866.00 \$ 198,885.00
23	10/01/16	\$ 158,894.00	\$ -	\$ 694.00 \$ 159,588.00
24	11/01/16	\$ 123,667.00	\$ -	\$ 541.00 \$ 124,208.00
25	12/01/16	\$ 93,985.00	\$ -	\$ 413.00 \$ 94,398.00
		Total	\$ 4,494,350.00	\$ - \$ 22,924.00 \$ 4,517,274.00

True Up 1 N/A \$ - \$ - \$ - \$ -
True Up 2 N/A \$ - \$ - \$ - \$ -
Grand Total **\$ 4,494,350.00** **\$ - \$ 22,924.00 \$ 4,517,274.00**

In-Service Date:	Estimate	Actual	Comments/Notes
	COD:	12/15/18	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due	Running Balance	
													(1) + (2) + (B) = (3)	(3) - (E)	
N/A	Q4/2016	12/31/2016	12/31/2016	1	3.500%	\$ 4,494,350.00	\$ 429.79	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,494,779.79	\$ 4,494,779.79
N/A	Q1/2017	1/1/2017	3/31/2017	90	3.500%	\$ 4,494,779.79	\$ 38,790.57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,533,570.35	\$ 4,533,570.35
N/A	Q2/2017	4/1/2017	6/30/2017	91	3.710%	\$ 4,533,570.35	\$ 41,933.66	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,575,504.02	\$ 4,575,504.02
01	Q3/2017	7/1/2017	9/30/2017	92	3.960%	\$ 4,575,504.02	\$ 45,669.80	\$ 6,341.19	\$ -	\$ 6,341.19	\$ 224,717.50	\$ 231,058.69	\$ 4,621,173.81	\$ 4,390,115.12	
02	Q4/2017	10/1/2017	12/31/2017	92	4.210%	\$ 4,390,115.12	\$ -	\$ 6,341.19	\$ 46,585.74	\$ 52,926.93	\$ 224,717.50	\$ 277,644.43	\$ 4,436,700.86	\$ 4,159,056.43	
03	Q1/2018	1/1/2018	3/31/2018	90	4.250%	\$ 4,159,056.43	\$ -	\$ 6,341.19	\$ 43,584.63	\$ 49,925.82	\$ 224,717.50	\$ 274,643.32	\$ 4,202,641.06	\$ 3,927,997.74	
04	Q2/2018	4/1/2018	6/30/2018	91	4.470%	\$ 3,927,997.74	\$ -	\$ 6,341.19	\$ 43,775.11	\$ 50,116.30	\$ 224,717.50	\$ 274,833.80	\$ 3,971,772.85	\$ 3,696,939.05	
05	Q3/2018	7/1/2018	9/30/2018	92	4.690%	\$ 3,696,939.05	\$ -	\$ 6,341.19	\$ 43,702.88	\$ 50,044.07	\$ 224,717.50	\$ 274,761.57	\$ 3,740,641.93	\$ 3,465,880.36	
06	Q4/2018	10/1/2018	12/31/2018	92	4.960%	\$ 3,465,880.36	\$ -	\$ 6,341.19	\$ 43,330.15	\$ 49,671.34	\$ 224,717.50	\$ 274,388.84	\$ 3,509,210.51	\$ 3,234,821.67	
07	Q1/2019	1/1/2019	3/31/2019	90	5.180%	\$ 3,234,821.67	\$ -	\$ 6,341.19	\$ 41,317.09	\$ 47,658.28	\$ 224,717.50	\$ 272,375.78	\$ 3,276,138.76	\$ 3,003,762.98	
08	Q2/2019	4/1/2019	6/30/2019	91	5.450%	\$ 3,003,762.98	\$ -	\$ 6,341.19	\$ 40,814.14	\$ 47,155.33	\$ 224,717.50	\$ 271,872.83	\$ 3,044,577.12	\$ 2,772,704.29	
09	Q3/2019	7/1/2019	9/30/2019	92	6.013%	\$ 2,772,704.29	\$ -	\$ 6,341.19	\$ 42,025.80	\$ 48,366.99	\$ 224,717.50	\$ 273,084.49	\$ 2,814,730.09	\$ 2,541,645.60	
10	Q4/2019	10/1/2019	12/31/2019	92	6.251%	\$ 2,541,645.60	\$ -	\$ 6,341.19	\$ 40,043.29	\$ 46,384.48	\$ 224,717.50	\$ 271,101.98	\$ 2,581,688.88	\$ 2,310,586.91	
11	Q1/2020	1/1/2020	3/31/2020	91	6.284%	\$ 2,310,586.91	\$ -	\$ 6,341.19	\$ 36,101.83	\$ 42,443.02	\$ 224,717.50	\$ 267,160.52	\$ 2,346,688.74	\$ 2,079,528.22	
12	Q2/2020	4/1/2020	6/30/2020	91	6.502%	\$ 2,079,528.22	\$ -	\$ 6,341.19	\$ 33,618.57	\$ 39,959.76	\$ 224,717.50	\$ 264,677.26	\$ 2,113,146.79	\$ 1,848,469.53	
13	Q3/2020	7/1/2020	9/30/2020	92	6.501%	\$ 1,848,469.53	\$ -	\$ 6,341.19	\$ 30,207.58	\$ 36,548.77	\$ 224,717.50	\$ 261,266.27	\$ 1,878,677.11	\$ 1,617,410.83	
14	Q4/2020	10/1/2020	12/31/2020	92	6.502%	\$ 1,617,410.83	\$ -	\$ 6,341.19	\$ 26,432.84	\$ 32,774.03	\$ 224,717.50	\$ 257,491.53	\$ 1,643,843.68	\$ 1,386,352.14	
15	Q1/2021	1/1/2021	3/31/2021	90	6.502%	\$ 1,386,352.14	\$ -	\$ 6,341.19	\$ 22,224.91	\$ 28,566.10	\$ 224,717.50	\$ 253,283.60	\$ 1,408,577.05	\$ 1,155,293.45	
16	Q2/2021	4/1/2021	6/30/2021	91	6.502%	\$ 1,155,293.45	\$ -	\$ 6,341.19	\$ 18,726.54	\$ 25,067.73	\$ 224,717.50	\$ 249,785.23	\$ 1,174,020.00	\$ 924,234.76	
17	Q3/2021	7/1/2021	9/30/2021	92	6.502%	\$ 924,234.76	\$ -	\$ 6,341.19	\$ 15,145.86	\$ 21,487.05	\$ 224,717.50	\$ 246,204.55	\$ 939,380.63	\$ 693,176.07	
18	Q4/2021	10/1/2021	12/31/2021	92	6.502%	\$ 693,176.07	\$ -	\$ 6,341.19	\$ 11,359.40	\$ 17,700.59	\$ 224,717.50	\$ 242,418.09	\$ 704,535.47	\$ 462,117.38	
19	Q1/2022	1/1/2022	3/31/2022	90	6.502%	\$ 462,117.38	\$ -	\$ 6,341.19	\$ 7,408.30	\$ 13,749.49	\$ 224,717.50	\$ 238,466.99	\$ 469,525.68	\$ 231,058.69	
20	Q2/2022	4/1/2022	6/30/2022	91	6.502%	\$ 231,058.69	\$ -	\$ 6,341.19	\$ 3,745.31	\$ 10,086.50	\$ 224,717.50	\$ 234,804.00	\$ 0.00		
						\$ 61,768,296.69	\$ 126,823.81	\$ 120,482.62	\$ 586,404.68	\$ 706,887.31	\$ 4,269,632.50	\$ 4,976,519.81	\$ 62,481,525.19	\$ 57,505,005.38	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due	Running Balance
													(1) + (2) + (B) = (3)	(3) - (E)
Payment	02	01/01/15	03/31/15	90	3.250%	\$ 552.00	\$ 4.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 556.42	\$ 556.42
N/A	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 556.42	\$ 4.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 560.93	\$ 560.93
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 560.93	\$ 4.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 565.53	\$ 565.53
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 565.53	\$ 4.63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 570.16	\$ 570.16
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 570.16	\$ 4.61	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 574.77	\$ 574.77
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 574.77	\$ 4.94	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 579.71	\$ 579.71
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 579.71	\$ 5.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 584.81	\$ 584.81
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 584.81	\$ 5.15	\$ 1.90	\$ -	\$ 1.90	\$ 27.60	\$ 29.50	\$ 589.96	\$ 560.46
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 560.46	\$ -	\$ 1.90	\$ 4.84	\$ 6.73	\$ 27.60	\$ 34.33	\$ 565.30	\$ 530.96
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 530.96	\$ -	\$ 1.90	\$ 4.91	\$ 6.81	\$ 27.60	\$ 34.41	\$ 535.87	\$ 501.46

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC		
01	12/01/14	\$ 59,849.00	\$ -	\$ 410.00	\$ 60,259.00
02	01/01/15	\$ 80,587.00	\$ -	\$ 552.00	\$ 81,139.00
03	02/01/15	\$ 104,451.00	\$ -	\$ 716.00	\$ 105,167.00
04	03/01/15	\$ 133,928.00	\$ -	\$ 918.00	\$ 134,846.00
05	04/01/15	\$ 169,361.00	\$ -	\$ 1,161.00	\$ 170,522.00
06	05/01/15	\$ 210,457.00	\$ -	\$ 1,443.00	\$ 211,900.00
07	06/01/15	\$ 255,920.00	\$ -	\$ 1,755.00	\$ 257,675.00
08	07/01/15	\$ 303,130.00	\$ -	\$ 2,078.00	\$ 305,208.00
09	08/01/15	\$ 50,272.00	\$ -	\$ 220.00	\$ 50,492.00
10	09/01/15	\$ 68,283.00	\$ -	\$ 299.00	\$ 68,582.00
11	10/01/15	\$ 91,495.00	\$ -	\$ 400.00	\$ 91,895.00
12	11/01/15	\$ 120,394.00	\$ -	\$ 526.00	\$ 120,920.00
13	12/01/15	\$ 154,687.00	\$ -	\$ 677.00	\$ 155,364.00
14	01/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
15	02/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
16	03/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
17	04/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
18	05/01/16	\$ 305,406.00	\$ -	\$ 1,335.00	\$ 306,741.00
19	06/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
20	07/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
21	08/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
22	09/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
23	10/01/16	\$ 158,894.00	\$ -	\$ 694.00	\$ 159,588.00
24	11/01/16	\$ 123,667.00	\$ -	\$ 541.00	\$ 124,208.00
25	12/01/16	\$ 93,985.00	\$ -	\$ 413.00	\$ 94,398.00
	Total	\$ 4,494,350.00	\$ -	\$ 22,924.00	\$ 4,517,274.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 4,494,350.00	\$ -	\$ 22,924.00	\$ 4,517,274.00

In-Service Date:	Estimate		Actual		Comments/Notes	
	COD:	12/15/18	12/15/18			

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)	
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 501.46	\$ -	\$ 1.90	\$ 5.01	\$ 6.90	\$ 27.60	\$ 34.50	\$ 506.47	\$ 471.97	
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 471.97	\$ -	\$ 1.90	\$ 5.01	\$ 6.91	\$ 27.60	\$ 34.51	\$ 476.97	\$ 442.47	
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 442.47	\$ -	\$ 1.90	\$ 4.64	\$ 6.53	\$ 27.60	\$ 34.13	\$ 447.10	\$ 412.97	
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 412.97	\$ -	\$ 1.90	\$ 4.60	\$ 6.50	\$ 27.60	\$ 34.10	\$ 417.57	\$ 383.47	
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 383.47	\$ -	\$ 1.90	\$ 4.53	\$ 6.43	\$ 27.60	\$ 34.03	\$ 388.01	\$ 353.97	
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 353.97	\$ -	\$ 1.90	\$ 4.43	\$ 6.32	\$ 27.60	\$ 33.92	\$ 358.40	\$ 324.48	
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 324.48	\$ -	\$ 1.90	\$ 4.14	\$ 6.04	\$ 27.60	\$ 33.64	\$ 328.62	\$ 294.98	
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 294.98	\$ -	\$ 1.90	\$ 4.01	\$ 5.91	\$ 27.60	\$ 33.51	\$ 298.99	\$ 265.48	
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 265.48	\$ -	\$ 1.90	\$ 4.02	\$ 5.92	\$ 27.60	\$ 33.52	\$ 269.50	\$ 235.98	
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 235.98	\$ -	\$ 1.90	\$ 3.72	\$ 5.62	\$ 27.60	\$ 33.22	\$ 239.70	\$ 206.48	
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 206.48	\$ -	\$ 1.90	\$ 3.23	\$ 5.12	\$ 27.60	\$ 32.72	\$ 209.71	\$ 176.99	
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 176.99	\$ -	\$ 1.90	\$ 2.86	\$ 4.76	\$ 27.60	\$ 32.36	\$ 179.85	\$ 147.49	
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 147.49	\$ -	\$ 1.90	\$ 2.41	\$ 4.31	\$ 27.60	\$ 31.91	\$ 149.90	\$ 117.99	
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 117.99	\$ -	\$ 1.90	\$ 1.93	\$ 3.83	\$ 27.60	\$ 31.43	\$ 119.92	\$ 88.49	
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 88.49	\$ -	\$ 1.90	\$ 1.42	\$ 3.32	\$ 27.60	\$ 30.92	\$ 89.91	\$ 59.00	
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 59.00	\$ -	\$ 1.90	\$ 0.96	\$ 2.85	\$ 27.60	\$ 30.45	\$ 59.95	\$ 29.50	
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 29.50	\$ -	\$ 1.90	\$ 0.48	\$ 2.38	\$ 27.60	\$ 29.98	\$ 29.98	\$ (0.00)	
						\$ 10,060.43		\$ 37.96	\$ 34.16	\$ 65.70	\$ 99.86	\$ 496.80	\$ 596.66	\$ 10,164.09	\$ 9,567.43

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Payment	03	02/01/15	03/31/15	59	3.250%	\$ 716.00	\$ 3.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 719.76	\$ 719.76
N/A	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 719.76	\$ 5.83	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 725.59	\$ 725.59
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 725.59	\$ 5.94	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 731.54	\$ 731.54
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 731.54	\$ 5.99	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 737.53	\$ 737.53
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 737.53	\$ 5.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 743.49	\$ 743.49
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 743.49	\$ 6.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 749.89	\$ 749.89
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 749.89	\$ 6.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 756.48	\$ 756.48
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 756.48	\$ 6.66	\$ 2.36	\$ -	\$ 2.36	\$ 35.80	\$ 38.16	\$ 763.14	\$ 724.98
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 724.98	\$ -	\$ 2.36	\$ 6.26	\$ 8.61	\$ 35.80	\$ 44.41	\$ 731.24	\$ 686.82
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 686.82	\$ -	\$ 2.36	\$ 6.35	\$ 8.71	\$ 35.80	\$ 44.51	\$ 693.18	\$ 648.67
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 648.67	\$ -	\$ 2.36	\$ 6.47	\$ 8.83	\$ 35.80	\$ 44.63	\$ 655.14	\$ 610.51
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 610.51	\$ -	\$ 2.36	\$ 6.48	\$ 8.84	\$ 35.80	\$ 44.64	\$ 616.99	\$ 572.35
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 572.35	\$ -	\$ 2.36	\$ 6.00	\$ 8.35	\$ 35.80	\$ 44.15	\$ 578.35	\$ 534.20
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 534.20	\$ -	\$ 2.36	\$ 5.95	\$ 8.31	\$ 35.80	\$ 44.11	\$ 540.15	\$ 496.04
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 496.04	\$ -	\$ 2.36	\$ 5.86	\$ 8.22	\$ 35.80	\$ 44.02	\$ 501.90	\$ 457.88
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 457.88	\$ -	\$ 2.36	\$ 5.72	\$ 8.08	\$ 35.80	\$ 43.88	\$ 463.61	\$ 419.73

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC		
01	12/01/14	\$ 59,849.00	\$ -	\$ 410.00	\$ 60,259.00
02	01/01/15	\$ 80,587.00	\$ -	\$ 552.00	\$ 81,139.00
03	02/01/15	\$ 104,451.00	\$ -	\$ 716.00	\$ 105,167.00
04	03/01/15	\$ 133,928.00	\$ -	\$ 918.00	\$ 134,846.00
05	04/01/15	\$ 169,361.00	\$ -	\$ 1,161.00	\$ 170,522.00
06	05/01/15	\$ 210,457.00	\$ -	\$ 1,443.00	\$ 211,900.00
07	06/01/15	\$ 255,920.00	\$ -	\$ 1,755.00	\$ 257,675.00
08	07/01/15	\$ 303,130.00	\$ -	\$ 2,078.00	\$ 305,208.00
09	08/01/15	\$ 50,272.00	\$ -	\$ 220.00	\$ 50,492.00
10	09/01/15	\$ 68,283.00	\$ -	\$ 299.00	\$ 68,582.00
11	10/01/15	\$ 91,495.00	\$ -	\$ 400.00	\$ 91,895.00
12	11/01/15	\$ 120,394.00	\$ -	\$ 526.00	\$ 120,920.00
13	12/01/15	\$ 154,687.00	\$ -	\$ 677.00	\$ 155,364.00
14	01/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
15	02/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
16	03/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
17	04/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
18	05/01/16	\$ 305,406.00	\$ -	\$ 1,335.00	\$ 306,741.00
19	06/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
20	07/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
21	08/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
22	09/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
23	10/01/16	\$ 158,894.00	\$ -	\$ 694.00	\$ 159,588.00
24	11/01/16	\$ 123,667.00	\$ -	\$ 541.00	\$ 124,208.00
25	12/01/16	\$ 93,985.00	\$ -	\$ 413.00	\$ 94,398.00
	Total	\$ 4,494,350.00	\$ -	\$ 22,924.00	\$ 4,517,274.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 4,494,350.00	\$ -	\$ 22,924.00	\$ 4,517,274.00

In-Service Date:	Estimate		Actual		Comments/Notes	
	COD:	12/15/18	12/15/18			

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3)	Running Balance (3) - (E)
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 419.73	\$ -	\$ 2.36	\$ 5.36	\$ 7.72	\$ 35.80	\$ 43.52	\$ 425.09	\$ 381.57
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 381.57	\$ -	\$ 2.36	\$ 5.18	\$ 7.54	\$ 35.80	\$ 43.34	\$ 386.75	\$ 343.41
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 343.41	\$ -	\$ 2.36	\$ 5.21	\$ 7.56	\$ 35.80	\$ 43.36	\$ 348.62	\$ 305.26
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 305.26	\$ -	\$ 2.36	\$ 4.81	\$ 7.17	\$ 35.80	\$ 42.97	\$ 310.06	\$ 267.10
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 267.10	\$ -	\$ 2.36	\$ 4.17	\$ 6.53	\$ 35.80	\$ 42.33	\$ 271.27	\$ 228.94
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 228.94	\$ -	\$ 2.36	\$ 3.70	\$ 6.06	\$ 35.80	\$ 41.86	\$ 232.64	\$ 190.78
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 190.78	\$ -	\$ 2.36	\$ 3.12	\$ 5.47	\$ 35.80	\$ 41.27	\$ 193.90	\$ 152.63
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 152.63	\$ -	\$ 2.36	\$ 2.49	\$ 4.85	\$ 35.80	\$ 40.65	\$ 155.12	\$ 114.47
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 114.47	\$ -	\$ 2.36	\$ 1.84	\$ 4.19	\$ 35.80	\$ 39.99	\$ 116.31	\$ 76.31
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 76.31	\$ -	\$ 2.36	\$ 1.24	\$ 3.59	\$ 35.80	\$ 39.39	\$ 77.55	\$ 38.16
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 38.16	\$ -	\$ 2.36	\$ 0.63	\$ 2.98	\$ 35.80	\$ 38.78	\$ 38.78	\$ (0.00)
						\$ 13,015.63	\$ 47.14	\$ 42.42	\$ 84.98	\$ 127.41	\$ 644.40	\$ 771.81	\$ 13,147.75	\$ 12,375.94

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3)	Running Balance (3) - (E)	
													(1) + (2) + (3) = (3)	(3) - (E)	
Payment	04	03/01/15	03/31/15	31	3.250%	\$ 918.00	\$ 2.53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 920.53	\$ 920.53	
N/A	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 920.53	\$ 7.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 927.99	\$ 927.99	
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 927.99	\$ 7.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 935.59	\$ 935.59	
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 935.59	\$ 7.66	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 943.26	\$ 943.26	
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 943.26	\$ 7.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 950.88	\$ 950.88	
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 950.88	\$ 8.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 959.06	\$ 959.06	
01	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 959.06	\$ 8.44	\$ 2.47	\$ -	\$ -	\$ 2.47	\$ 45.90	\$ 48.37	\$ 967.50	\$ 919.12
02	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 919.12	\$ -	\$ 2.47	\$ 8.09	\$ 10.56	\$ 45.90	\$ 56.46	\$ 927.21	\$ 870.75	
03	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 870.75	\$ -	\$ 2.47	\$ 7.51	\$ 9.99	\$ 45.90	\$ 55.89	\$ 878.26	\$ 822.37	
04	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 822.37	\$ -	\$ 2.47	\$ 7.61	\$ 10.08	\$ 45.90	\$ 55.98	\$ 829.98	\$ 774.00	
05	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 774.00	\$ -	\$ 2.47	\$ 7.73	\$ 10.20	\$ 45.90	\$ 56.10	\$ 781.72	\$ 725.62	
06	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 725.62	\$ -	\$ 2.47	\$ 7.70	\$ 10.17	\$ 45.90	\$ 56.07	\$ 733.32	\$ 677.25	
07	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 677.25	\$ -	\$ 2.47	\$ 7.10	\$ 9.57	\$ 45.90	\$ 55.47	\$ 684.35	\$ 628.87	
08	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 628.87	\$ -	\$ 2.47	\$ 7.01	\$ 9.48	\$ 45.90	\$ 55.38	\$ 635.88	\$ 580.50	
09	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 580.50	\$ -	\$ 2.47	\$ 6.86	\$ 9.34	\$ 45.90	\$ 55.24	\$ 587.36	\$ 532.12	
10	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 532.12	\$ -	\$ 2.47	\$ 6.65	\$ 9.13	\$ 45.90	\$ 55.03	\$ 538.78	\$ 483.75	
11	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 483.75	\$ -	\$ 2.47	\$ 6.18	\$ 8.65	\$ 45.90	\$ 54.55	\$ 489.93	\$ 435.37	
12	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 435.37	\$ -	\$ 2.47	\$ 5.92	\$ 8.39	\$ 45.90	\$ 54.29	\$ 441.29	\$ 387.00	
13	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 387.00	\$ -	\$ 2.47	\$ 5.87	\$ 8.34	\$ 45.90	\$ 54.24	\$ 392.87	\$ 338.62	
14	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 338.62	\$ -	\$ 2.47	\$ 5.33	\$ 7.81	\$ 45.90	\$ 53.71	\$ 343.96	\$ 290.25	
15	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 290.25	\$ -	\$ 2.47	\$ 4.54	\$ 7.01	\$ 45.90	\$ 52.91	\$ 294.78	\$ 241.87	
16	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 241.87	\$ -	\$ 2.47	\$ 3.91	\$ 6.39	\$ 45.90	\$ 52.29	\$ 245.78	\$ 193.50	

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC		
01	12/01/14	\$ 59,849.00	\$ -	\$ 410.00	\$ 60,259.00
02	01/01/15	\$ 80,587.00	\$ -	\$ 552.00	\$ 81,139.00
03	02/01/15	\$ 104,451.00	\$ -	\$ 716.00	\$ 105,167.00
04	03/01/15	\$ 133,928.00	\$ -	\$ 918.00	\$ 134,846.00
05	04/01/15	\$ 169,361.00	\$ -	\$ 1,161.00	\$ 170,522.00
06	05/01/15	\$ 210,457.00	\$ -	\$ 1,443.00	\$ 211,900.00
07	06/01/15	\$ 255,920.00	\$ -	\$ 1,755.00	\$ 257,675.00
08	07/01/15	\$ 303,130.00	\$ -	\$ 2,078.00	\$ 305,208.00
09	08/01/15	\$ 50,272.00	\$ -	\$ 220.00	\$ 50,492.00
10	09/01/15	\$ 68,283.00	\$ -	\$ 299.00	\$ 68,582.00
11	10/01/15	\$ 91,495.00	\$ -	\$ 400.00	\$ 91,895.00
12	11/01/15	\$ 120,394.00	\$ -	\$ 526.00	\$ 120,920.00
13	12/01/15	\$ 154,687.00	\$ -	\$ 677.00	\$ 155,364.00
14	01/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
15	02/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
16	03/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
17	04/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
18	05/01/16	\$ 305,406.00	\$ -	\$ 1,335.00	\$ 306,741.00
19	06/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
20	07/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
21	08/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
22	09/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
23	10/01/16	\$ 158,894.00	\$ -	\$ 694.00	\$ 159,588.00
24	11/01/16	\$ 123,667.00	\$ -	\$ 541.00	\$ 124,208.00
25	12/01/16	\$ 93,985.00	\$ -	\$ 413.00	\$ 94,398.00
	Total	\$ 4,494,350.00	\$ -	\$ 22,924.00	\$ 4,517,274.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 4,494,350.00	\$ -	\$ 22,924.00	\$ 4,517,274.00

In-Service Date:	Estimate	Actual	Comments/Notes
	COD:	12/15/18	12/15/18

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
17	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 193.50	\$ -	\$ 2.47	\$ 3.16	\$ 5.64	\$ 45.90	\$ 51.54	\$ 196.66	\$ 145.12
18	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 145.12	\$ -	\$ 2.47	\$ 2.37	\$ 4.85	\$ 45.90	\$ 50.75	\$ 147.50	\$ 96.75
19	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 96.75	\$ -	\$ 2.47	\$ 1.55	\$ 4.03	\$ 45.90	\$ 49.93	\$ 98.30	\$ 48.37
20	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 48.37	\$ -	\$ 2.47	\$ 0.78	\$ 3.26	\$ 45.90	\$ 49.16	\$ 49.16	\$ (0.00)
						\$ 15,601.44	\$ 49.50	\$ 44.55	\$ 103.53	\$ 148.08	\$ 826.20	\$ 974.28	\$ 15,754.46	\$ 14,780.19

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Payment	05	04/01/15	06/30/15	91	3.250%	\$ 1,161.00	\$ 9.41	\$ -	\$ -	\$ -	\$ -	-	\$ 1,170.41	\$ 1,170.41
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 1,170.41	\$ 9.59	\$ -	\$ -	\$ -	\$ -	-	\$ 1,180.00	\$ 1,180.00
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 1,180.00	\$ 9.67	\$ -	\$ -	\$ -	\$ -	-	\$ 1,189.66	\$ 1,189.66
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 1,189.66	\$ 9.61	\$ -	\$ -	\$ -	\$ -	-	\$ 1,199.27	\$ 1,199.27
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 1,199.27	\$ 10.32	\$ -	\$ -	\$ -	\$ -	-	\$ 1,209.59	\$ 1,209.59
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 1,209.59	\$ 10.64	\$ -	\$ -	\$ -	\$ -	-	\$ 1,220.23	\$ 1,220.23
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,220.23	\$ 10.74	\$ 3.50	\$ -	\$ 3.50	\$ 58.05	\$ 61.55	\$ 1,230.97	\$ 1,169.42
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,169.42	\$ -	\$ 3.50	\$ 10.09	\$ 13.59	\$ 58.05	\$ 71.64	\$ 1,179.51	\$ 1,107.87
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,107.87	\$ -	\$ 3.50	\$ 10.25	\$ 13.75	\$ 58.05	\$ 71.80	\$ 1,118.12	\$ 1,046.32
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,046.32	\$ -	\$ 3.50	\$ 10.44	\$ 13.94	\$ 58.05	\$ 71.99	\$ 1,056.77	\$ 984.77
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 984.77	\$ -	\$ 3.50	\$ 10.45	\$ 13.95	\$ 58.05	\$ 72.00	\$ 995.22	\$ 923.23
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 923.23	\$ -	\$ 3.50	\$ 9.67	\$ 13.17	\$ 58.05	\$ 72.22	\$ 932.90	\$ 861.68
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 861.68	\$ -	\$ 3.50	\$ 9.60	\$ 13.10	\$ 58.05	\$ 71.15	\$ 871.28	\$ 800.13
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 800.13	\$ -	\$ 3.50	\$ 9.46	\$ 12.96	\$ 58.05	\$ 71.01	\$ 809.59	\$ 738.58
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 738.58	\$ -	\$ 3.50	\$ 9.23	\$ 12.73	\$ 58.05	\$ 70.78	\$ 747.81	\$ 677.03
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 677.03	\$ -	\$ 3.50	\$ 8.65	\$ 12.15	\$ 58.05	\$ 70.20	\$ 685.68	\$ 615.48
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 615.48	\$ -	\$ 3.50	\$ 8.36	\$ 11.86	\$ 58.05	\$ 69.91	\$ 623.85	\$ 553.94
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 553.94	\$ -	\$ 3.50	\$ 8.40	\$ 11.89	\$ 58.05	\$ 69.94	\$ 562.33	\$ 492.39
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 492.39	\$ -	\$ 3.50	\$ 7.76	\$ 11.26	\$ 58.05	\$ 69.31	\$ 500.14	\$ 430.84
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 430.84	\$ -	\$ 3.50	\$ 6.73	\$ 10.23	\$ 58.05	\$ 68.28	\$ 437.57	\$ 369.29
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 369.29	\$ -	\$ 3.50	\$ 5.97	\$ 9.47	\$ 58.05	\$ 67.52	\$ 375.26	\$ 307.74
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 307.74	\$ -	\$ 3.50	\$ 5.03	\$ 8.53	\$ 58.05	\$ 66.58	\$ 312.77	\$ 246.19
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 246.19	\$ -	\$ 3.50	\$ 4.02	\$ 7.52	\$ 58.05	\$ 65.57	\$ 250.22	\$ 184.65
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 184.65	\$ -	\$ 3.50	\$ 2.96	\$ 6.46	\$ 58.05	\$ 64.51	\$ 187.61	\$ 123.10
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 123.10	\$ -	\$ 3.50	\$ 2.00	\$ 5.49	\$ 58.05	\$ 63.54	\$ 125.09	\$ 61.55
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 61.55	\$ -	\$ 3.50	\$ 1.01	\$ 4.51	\$ 58.05	\$ 62.56	\$ 62.56	\$ 0.00
						\$ 19,839.72	\$ 69.97	\$ 62.97	\$ 137.08	\$ 200.05	\$ 1,044.90	\$ 1,244.95	\$ 20,046.77	\$ 18,801.82

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC		
01	12/01/14	\$ 59,849.00	\$ -	\$ 410.00	\$ 60,259.00
02	01/01/15	\$ 80,587.00	\$ -	\$ 552.00	\$ 81,139.00
03	02/01/15	\$ 104,451.00	\$ -	\$ 716.00	\$ 105,167.00
04	03/01/15	\$ 133,928.00	\$ -	\$ 918.00	\$ 134,846.00
05	04/01/15	\$ 169,361.00	\$ -	\$ 1,161.00	\$ 170,522.00
06	05/01/15	\$ 210,457.00	\$ -	\$ 1,443.00	\$ 211,900.00
07	06/01/15	\$ 255,920.00	\$ -	\$ 1,755.00	\$ 257,675.00
08	07/01/15	\$ 303,130.00	\$ -	\$ 2,078.00	\$ 305,208.00
09	08/01/15	\$ 50,272.00	\$ -	\$ 220.00	\$ 50,492.00
10	09/01/15	\$ 68,283.00	\$ -	\$ 299.00	\$ 68,582.00
11	10/01/15	\$ 91,495.00	\$ -	\$ 400.00	\$ 91,895.00
12	11/01/15	\$ 120,394.00	\$ -	\$ 526.00	\$ 120,920.00
13	12/01/15	\$ 154,687.00	\$ -	\$ 677.00	\$ 155,364.00
14	01/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
15	02/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
16	03/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
17	04/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
18	05/01/16	\$ 305,406.00	\$ -	\$ 1,335.00	\$ 306,741.00
19	06/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
20	07/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
21	08/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
22	09/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
23	10/01/16	\$ 158,894.00	\$ -	\$ 694.00	\$ 159,588.00
24	11/01/16	\$ 123,667.00	\$ -	\$ 541.00	\$ 124,208.00
25	12/01/16	\$ 93,985.00	\$ -	\$ 413.00	\$ 94,398.00
	Total	\$ 4,494,350.00	\$ -	\$ 22,924.00	\$ 4,517,274.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 4,494,350.00	\$ -	\$ 22,924.00	\$ 4,517,274.00

In-Service Date:	Estimate	Actual	Comments/Notes
	COD:	12/15/18	12/15/18

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Payment	06	05/01/15	06/30/15	61	3.250%	\$ 1,443.00	\$ 7.84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,450.84	\$ 1,450.84
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 1,450.84	\$ 11.88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,462.72	\$ 1,462.72
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 1,462.72	\$ 11.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,474.70	\$ 1,474.70
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 1,474.70	\$ 11.92	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,486.62	\$ 1,486.62
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 1,486.62	\$ 12.79	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,499.41	\$ 1,499.41
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 1,499.41	\$ 13.19	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,512.60	\$ 1,512.60
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,512.60	\$ 13.31	\$ 4.15	\$ -	\$ 4.15	\$ 72.15	\$ 76.30	\$ 1,525.91	\$ 1,449.61
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,449.61	\$ -	\$ 4.15	\$ 12.51	\$ 16.66	\$ 72.15	\$ 88.81	\$ 1,462.12	\$ 1,373.32
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,373.32	\$ -	\$ 4.15	\$ 12.70	\$ 16.85	\$ 72.15	\$ 89.00	\$ 1,386.02	\$ 1,297.02
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,297.02	\$ -	\$ 4.15	\$ 12.95	\$ 17.09	\$ 72.15	\$ 89.24	\$ 1,309.97	\$ 1,220.73
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,220.73	\$ -	\$ 4.15	\$ 12.95	\$ 17.10	\$ 72.15	\$ 89.25	\$ 1,233.68	\$ 1,144.43
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,144.43	\$ -	\$ 4.15	\$ 11.99	\$ 16.14	\$ 72.15	\$ 88.29	\$ 1,156.43	\$ 1,068.14
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,068.14	\$ -	\$ 4.15	\$ 11.90	\$ 16.05	\$ 72.15	\$ 88.20	\$ 1,080.04	\$ 991.84
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 991.84	\$ -	\$ 4.15	\$ 11.72	\$ 15.87	\$ 72.15	\$ 88.02	\$ 1,003.57	\$ 915.55
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 915.55	\$ -	\$ 4.15	\$ 11.45	\$ 15.59	\$ 72.15	\$ 87.74	\$ 926.99	\$ 839.25
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 839.25	\$ -	\$ 4.15	\$ 10.72	\$ 14.86	\$ 72.15	\$ 87.01	\$ 849.97	\$ 762.95
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 762.95	\$ -	\$ 4.15	\$ 10.37	\$ 14.51	\$ 72.15	\$ 86.66	\$ 773.32	\$ 686.66
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 686.66	\$ -	\$ 4.15	\$ 10.41	\$ 14.55	\$ 72.15	\$ 86.70	\$ 697.07	\$ 610.36
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 610.36	\$ -	\$ 4.15	\$ 9.62	\$ 13.76	\$ 72.15	\$ 85.91	\$ 619.98	\$ 534.07
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 534.07	\$ -	\$ 4.15	\$ 8.34	\$ 12.49	\$ 72.15	\$ 84.64	\$ 542.41	\$ 457.77
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 457.77	\$ -	\$ 4.15	\$ 7.40	\$ 11.55	\$ 72.15	\$ 83.70	\$ 465.17	\$ 381.48
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 381.48	\$ -	\$ 4.15	\$ 6.23	\$ 10.38	\$ 72.15	\$ 82.53	\$ 387.71	\$ 305.18
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 305.18	\$ -	\$ 4.15	\$ 4.99	\$ 9.13	\$ 72.15	\$ 81.28	\$ 310.17	\$ 228.89
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 228.89	\$ -	\$ 4.15	\$ 3.67	\$ 7.81	\$ 72.15	\$ 79.96	\$ 232.56	\$ 152.59
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 152.59	\$ -	\$ 4.15	\$ 2.47	\$ 6.62	\$ 72.15	\$ 78.77	\$ 155.06	\$ 76.30
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 76.30	\$ -	\$ 4.15	\$ 1.25	\$ 5.40	\$ 72.15	\$ 77.55	\$ 77.55	(0.00)
						\$ 24,597.15	\$ 82.91	\$ 74.62	\$ 169.93	\$ 244.55	\$ 1,298.70	\$ 1,543.25	\$ 24,849.99	\$ 23,306.74
Payment	07	06/01/15	06/30/15	30	3.250%	\$ 1,755.00	\$ 4.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,759.69	\$ 1,759.69
N/A	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 1,759.69	\$ 14.41	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,774.10	\$ 1,774.10
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 1,774.10	\$ 14.53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,788.64	\$ 1,788.64

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC		
01	12/01/14	\$ 59,849.00	\$ -	\$ 410.00	\$ 60,259.00
02	01/01/15	\$ 80,587.00	\$ -	\$ 552.00	\$ 81,139.00
03	02/01/15	\$ 104,451.00	\$ -	\$ 716.00	\$ 105,167.00
04	03/01/15	\$ 133,928.00	\$ -	\$ 918.00	\$ 134,846.00
05	04/01/15	\$ 169,361.00	\$ -	\$ 1,161.00	\$ 170,522.00
06	05/01/15	\$ 210,457.00	\$ -	\$ 1,443.00	\$ 211,900.00
07	06/01/15	\$ 255,920.00	\$ -	\$ 1,755.00	\$ 257,675.00
08	07/01/15	\$ 303,130.00	\$ -	\$ 2,078.00	\$ 305,208.00
09	08/01/15	\$ 50,272.00	\$ -	\$ 220.00	\$ 50,492.00
10	09/01/15	\$ 68,283.00	\$ -	\$ 299.00	\$ 68,582.00
11	10/01/15	\$ 91,495.00	\$ -	\$ 400.00	\$ 91,895.00
12	11/01/15	\$ 120,394.00	\$ -	\$ 526.00	\$ 120,920.00
13	12/01/15	\$ 154,687.00	\$ -	\$ 677.00	\$ 155,364.00
14	01/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
15	02/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
16	03/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
17	04/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
18	05/01/16	\$ 305,406.00	\$ -	\$ 1,335.00	\$ 306,741.00
19	06/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
20	07/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
21	08/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
22	09/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
23	10/01/16	\$ 158,894.00	\$ -	\$ 694.00	\$ 159,588.00
24	11/01/16	\$ 123,667.00	\$ -	\$ 541.00	\$ 124,208.00
25	12/01/16	\$ 93,985.00	\$ -	\$ 413.00	\$ 94,398.00
		Total	\$ 4,494,350.00	\$ -	\$ 22,924.00 \$ 4,517,274.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 4,494,350.00	\$ -	\$ 22,924.00	\$ 4,517,274.00

In-Service Date:	Estimate	Actual	Comments/Notes
	COD:	12/15/18	12/15/18

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)	
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 1,788.64	\$ 14.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,803.09	\$ 1,803.09	
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 1,803.09	\$ 15.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,818.60	\$ 1,818.60	
01	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 1,818.60	\$ 16.00	\$ 3.98	\$ -	\$ 3.98	\$ 87.75	\$ 91.73	\$ 1,834.60	\$ 1,742.87	
02	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,742.87	\$ -	\$ 3.98	\$ -	\$ 15.33	\$ 19.31	\$ 87.75	\$ 107.06	\$ 1,758.20	\$ 1,651.14
03	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,651.14	\$ -	\$ 3.98	\$ -	\$ 14.25	\$ 18.23	\$ 87.75	\$ 105.98	\$ 1,665.39	\$ 1,559.41
04	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,559.41	\$ -	\$ 3.98	\$ -	\$ 14.42	\$ 18.40	\$ 87.75	\$ 106.15	\$ 1,573.83	\$ 1,467.68
05	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,467.68	\$ -	\$ 3.98	\$ -	\$ 14.65	\$ 18.63	\$ 87.75	\$ 106.38	\$ 1,482.33	\$ 1,375.95
06	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,375.95	\$ -	\$ 3.98	\$ -	\$ 14.60	\$ 18.58	\$ 87.75	\$ 106.33	\$ 1,390.55	\$ 1,284.22
07	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,284.22	\$ -	\$ 3.98	\$ -	\$ 13.46	\$ 17.44	\$ 87.75	\$ 105.19	\$ 1,297.68	\$ 1,192.49
08	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,192.49	\$ -	\$ 3.98	\$ -	\$ 13.29	\$ 17.27	\$ 87.75	\$ 105.02	\$ 1,205.78	\$ 1,100.76
09	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,100.76	\$ -	\$ 3.98	\$ -	\$ 13.01	\$ 16.99	\$ 87.75	\$ 104.74	\$ 1,113.77	\$ 1,009.03
10	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,009.03	\$ -	\$ 3.98	\$ -	\$ 12.61	\$ 16.59	\$ 87.75	\$ 104.34	\$ 1,021.65	\$ 917.30
11	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 917.30	\$ -	\$ 3.98	\$ -	\$ 11.72	\$ 15.70	\$ 87.75	\$ 103.45	\$ 929.02	\$ 825.57
12	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 825.57	\$ -	\$ 3.98	\$ -	\$ 11.22	\$ 15.20	\$ 87.75	\$ 102.95	\$ 836.79	\$ 733.84
13	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 733.84	\$ -	\$ 3.98	\$ -	\$ 11.12	\$ 15.10	\$ 87.75	\$ 102.85	\$ 744.96	\$ 642.11
14	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 642.11	\$ -	\$ 3.98	\$ -	\$ 10.12	\$ 14.10	\$ 87.75	\$ 101.85	\$ 652.23	\$ 550.38
15	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 550.38	\$ -	\$ 3.98	\$ -	\$ 8.60	\$ 12.58	\$ 87.75	\$ 100.33	\$ 558.98	\$ 458.65
16	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 458.65	\$ -	\$ 3.98	\$ -	\$ 7.41	\$ 11.39	\$ 87.75	\$ 99.14	\$ 466.06	\$ 366.92
17	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 366.92	\$ -	\$ 3.98	\$ -	\$ 6.00	\$ 9.98	\$ 87.75	\$ 97.73	\$ 372.92	\$ 275.19
18	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 275.19	\$ -	\$ 3.98	\$ -	\$ 4.50	\$ 8.48	\$ 87.75	\$ 96.23	\$ 279.69	\$ 183.46
19	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 183.46	\$ -	\$ 3.98	\$ -	\$ 2.94	\$ 6.92	\$ 87.75	\$ 94.67	\$ 186.40	\$ 91.73
20	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 91.73	\$ -	\$ 3.98	\$ -	\$ 1.49	\$ 5.47	\$ 87.75	\$ 93.22	\$ 93.22	(0.00)
						\$ 27,852.63	\$ 79.60	\$ 71.64	\$ 196.31	\$ 267.95	\$ 1,579.50	\$ 1,847.45	\$ 28,128.55	\$ 26,281.09	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)	
Payment	08	07/01/15	09/30/15	92	3.250%	\$ 2,078.00	\$ 17.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,095.02	\$ 2,095.02	
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 2,095.02	\$ 17.16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,112.18	\$ 2,112.18	
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 2,112.18	\$ 17.07	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,129.25	\$ 2,129.25	
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 2,129.25	\$ 18.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,147.57	\$ 2,147.57	
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 2,147.57	\$ 18.89	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,166.46	\$ 2,166.46	
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 2,166.46	\$ 19.06	\$ 5.38	\$ -	\$ 5.38	\$ 103.90	\$ 109.28	\$ 2,185.52	\$ 2,076.25	
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,076.25	\$ -	\$ 5.38	\$ -	\$ 17.92	\$ 23.29	\$ 103.90	\$ 127.19	\$ 2,094.17	\$ 1,966.97
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,966.97	\$ -	\$ 5.38	\$ -	\$ 18.19	\$ 23.57	\$ 103.90	\$ 127.47	\$ 1,985.16	\$ 1,857.70
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,857.70	\$ -	\$ 5.38	\$ -	\$ 18.54	\$ 23.92	\$ 103.90	\$ 127.82	\$ 1,876.24	\$ 1,748.42
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,748.42	\$ -	\$ 5.38	\$ -	\$ 18.55	\$ 23.93	\$ 103.90	\$ 127.83	\$ 1,766.97	\$ 1,639.14
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,639.14	\$ -	\$ 5.38	\$ -	\$ 17.18	\$ 22.55	\$ 103.90	\$ 126.45	\$ 1,656.32	\$ 1,529.87

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC		
01	12/01/14	\$ 59,849.00	\$ -	\$ 410.00	\$ 60,259.00
02	01/01/15	\$ 80,587.00	\$ -	\$ 552.00	\$ 81,139.00
03	02/01/15	\$ 104,451.00	\$ -	\$ 716.00	\$ 105,167.00
04	03/01/15	\$ 133,928.00	\$ -	\$ 918.00	\$ 134,846.00
05	04/01/15	\$ 169,361.00	\$ -	\$ 1,161.00	\$ 170,522.00
06	05/01/15	\$ 210,457.00	\$ -	\$ 1,443.00	\$ 211,900.00
07	06/01/15	\$ 255,920.00	\$ -	\$ 1,755.00	\$ 257,675.00
08	07/01/15	\$ 303,130.00	\$ -	\$ 2,078.00	\$ 305,208.00
09	08/01/15	\$ 50,272.00	\$ -	\$ 220.00	\$ 50,492.00
10	09/01/15	\$ 68,283.00	\$ -	\$ 299.00	\$ 68,582.00
11	10/01/15	\$ 91,495.00	\$ -	\$ 400.00	\$ 91,895.00
12	11/01/15	\$ 120,394.00	\$ -	\$ 526.00	\$ 120,920.00
13	12/01/15	\$ 154,687.00	\$ -	\$ 677.00	\$ 155,364.00
14	01/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
15	02/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
16	03/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
17	04/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
18	05/01/16	\$ 305,406.00	\$ -	\$ 1,335.00	\$ 306,741.00
19	06/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
20	07/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
21	08/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
22	09/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
23	10/01/16	\$ 158,894.00	\$ -	\$ 694.00	\$ 159,588.00
24	11/01/16	\$ 123,667.00	\$ -	\$ 541.00	\$ 124,208.00
25	12/01/16	\$ 93,985.00	\$ -	\$ 413.00	\$ 94,398.00
	Total	\$ 4,494,350.00	\$ -	\$ 22,924.00	\$ 4,517,274.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 4,494,350.00	\$ -	\$ 22,924.00	\$ 4,517,274.00

In-Service Date:	Estimate	Actual	Comments/Notes
	COD:	12/15/18	12/15/18

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (F)	Running Balance (3) - (E)
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,529.87	\$ -	\$ 5.38	\$ 17.05	\$ 22.43	\$ 103.90	\$ 126.33	\$ 1,546.92	\$ 1,420.59
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,420.59	\$ -	\$ 5.38	\$ 16.79	\$ 22.17	\$ 103.90	\$ 126.07	\$ 1,437.38	\$ 1,311.31
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,311.31	\$ -	\$ 5.38	\$ 16.39	\$ 21.77	\$ 103.90	\$ 125.67	\$ 1,327.71	\$ 1,202.04
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,202.04	\$ -	\$ 5.38	\$ 15.35	\$ 20.73	\$ 103.90	\$ 124.63	\$ 1,217.39	\$ 1,092.76
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,092.76	\$ -	\$ 5.38	\$ 14.85	\$ 20.22	\$ 103.90	\$ 124.12	\$ 1,107.61	\$ 983.49
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 983.49	\$ -	\$ 5.38	\$ 14.91	\$ 20.28	\$ 103.90	\$ 124.18	\$ 998.39	\$ 874.21
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 874.21	\$ -	\$ 5.38	\$ 13.77	\$ 19.15	\$ 103.90	\$ 123.05	\$ 887.98	\$ 764.93
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 764.93	\$ -	\$ 5.38	\$ 11.95	\$ 17.33	\$ 103.90	\$ 121.23	\$ 776.89	\$ 655.66
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 655.66	\$ -	\$ 5.38	\$ 10.60	\$ 15.98	\$ 103.90	\$ 119.88	\$ 666.26	\$ 546.38
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 546.38	\$ -	\$ 5.38	\$ 8.93	\$ 14.31	\$ 103.90	\$ 118.21	\$ 555.31	\$ 437.10
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 437.10	\$ -	\$ 5.38	\$ 7.14	\$ 12.52	\$ 103.90	\$ 116.42	\$ 444.25	\$ 327.83
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 327.83	\$ -	\$ 5.38	\$ 5.26	\$ 10.63	\$ 103.90	\$ 114.53	\$ 333.08	\$ 218.55
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 218.55	\$ -	\$ 5.38	\$ 3.54	\$ 8.92	\$ 103.90	\$ 112.82	\$ 222.09	\$ 109.28
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 109.28	\$ -	\$ 5.38	\$ 1.79	\$ 7.17	\$ 103.90	\$ 111.07	\$ 111.07	(0.00)
						\$ 33,163.14	\$ 107.52	\$ 96.77	\$ 243.38	\$ 340.15	\$ 1,870.20	\$ 2,210.35	\$ 33,514.04	\$ 31,303.69

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (F)	Running Balance (3) - (E)
Payment	09	08/01/15	09/30/15	61	3.250%	\$ 220.00	\$ 1.19	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 221.19	\$ 221.19
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 221.19	\$ 1.81	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 223.01	\$ 223.01
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 223.01	\$ 1.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 224.81	\$ 224.81
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 224.81	\$ 1.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 226.74	\$ 226.74
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 226.74	\$ 1.99	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 228.74	\$ 228.74
01	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 228.74	\$ 2.01	\$ 0.54	\$ -	\$ 0.54	\$ 11.00	\$ 11.54	\$ 230.75	\$ 219.21
02	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 219.21	\$ -	\$ 0.54	\$ 1.89	\$ 2.43	\$ 11.00	\$ 13.43	\$ 221.10	\$ 207.68
03	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 207.68	\$ -	\$ 0.54	\$ 1.92	\$ 2.46	\$ 11.00	\$ 13.46	\$ 209.60	\$ 196.14
04	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 196.14	\$ -	\$ 0.54	\$ 1.96	\$ 2.50	\$ 11.00	\$ 13.50	\$ 198.10	\$ 184.60
05	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 184.60	\$ -	\$ 0.54	\$ 1.96	\$ 2.50	\$ 11.00	\$ 13.50	\$ 186.56	\$ 173.06
06	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 173.06	\$ -	\$ 0.54	\$ 1.81	\$ 2.35	\$ 11.00	\$ 13.35	\$ 174.88	\$ 161.53
07	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 161.53	\$ -	\$ 0.54	\$ 1.80	\$ 2.34	\$ 11.00	\$ 13.34	\$ 163.33	\$ 149.99
08	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 149.99	\$ -	\$ 0.54	\$ 1.77	\$ 2.31	\$ 11.00	\$ 13.31	\$ 151.76	\$ 138.45
09	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 138.45	\$ -	\$ 0.54	\$ 1.73	\$ 2.27	\$ 11.00	\$ 13.27	\$ 140.18	\$ 126.91
10	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 126.91	\$ -	\$ 0.54	\$ 1.62	\$ 2.16	\$ 11.00	\$ 13.16	\$ 128.53	\$ 115.38
11	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 115.38	\$ -	\$ 0.54	\$ 1.57	\$ 2.11	\$ 11.00	\$ 13.11	\$ 116.94	\$ 103.84
12	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 103.84	\$ -	\$ 0.54	\$ 1.57	\$ 2.11	\$ 11.00	\$ 13.11	\$ 105.41	\$ 92.30
13	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 92.30	\$ -	\$ 0.54	\$ 1.45	\$ 1.99	\$ 11.00	\$ 12.99	\$ 93.75	\$ 80.76
14	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 80.76	\$ -	\$ 0.54	\$ 1.26	\$ 1.80	\$ 11.00	\$ 12.80	\$ 82.02	\$ 69.23

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC		
01	12/01/14	\$ 59,849.00	\$ -	\$ 410.00	\$ 60,259.00
02	01/01/15	\$ 80,587.00	\$ -	\$ 552.00	\$ 81,139.00
03	02/01/15	\$ 104,451.00	\$ -	\$ 716.00	\$ 105,167.00
04	03/01/15	\$ 133,928.00	\$ -	\$ 918.00	\$ 134,846.00
05	04/01/15	\$ 169,361.00	\$ -	\$ 1,161.00	\$ 170,522.00
06	05/01/15	\$ 210,457.00	\$ -	\$ 1,443.00	\$ 211,900.00
07	06/01/15	\$ 255,920.00	\$ -	\$ 1,755.00	\$ 257,675.00
08	07/01/15	\$ 303,130.00	\$ -	\$ 2,078.00	\$ 305,208.00
09	08/01/15	\$ 50,272.00	\$ -	\$ 220.00	\$ 50,492.00
10	09/01/15	\$ 68,283.00	\$ -	\$ 299.00	\$ 68,582.00
11	10/01/15	\$ 91,495.00	\$ -	\$ 400.00	\$ 91,895.00
12	11/01/15	\$ 120,394.00	\$ -	\$ 526.00	\$ 120,920.00
13	12/01/15	\$ 154,687.00	\$ -	\$ 677.00	\$ 155,364.00
14	01/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
15	02/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
16	03/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
17	04/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
18	05/01/16	\$ 305,406.00	\$ -	\$ 1,335.00	\$ 306,741.00
19	06/01/16	\$ 296,697.00	\$ -	\$ 1,297.00	\$ 297,994.00
20	07/01/16	\$ 272,474.00	\$ -	\$ 1,191.00	\$ 273,665.00
21	08/01/16	\$ 237,602.00	\$ -	\$ 1,039.00	\$ 238,641.00
22	09/01/16	\$ 198,019.00	\$ -	\$ 866.00	\$ 198,885.00
23	10/01/16	\$ 158,894.00	\$ -	\$ 694.00	\$ 159,588.00
24	11/01/16	\$ 123,667.00	\$ -	\$ 541.00	\$ 124,208.00
25	12/01/16	\$ 93,985.00	\$ -	\$ 413.00	\$ 94,398.00
	Total	\$ 4,494,350.00	\$ -	\$ 22,924.00	\$ 4,517,274.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 4,494,350.00	\$ -	\$ 22,924.00	\$ 4,517,274.00

In-Service Date:	Estimate	Actual	Comments/Notes
	COD:	12/15/18	12/15/18

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
15	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 69.23	\$ -	\$ 0.54	\$ 1.12	\$ 1.66	\$ 11.00	\$ 12.66	\$ 70.34	\$ 57.69
16	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 57.69	\$ -	\$ 0.54	\$ 0.94	\$ 1.48	\$ 11.00	\$ 12.48	\$ 58.63	\$ 46.15
17	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 46.15	\$ -	\$ 0.54	\$ 0.75	\$ 1.29	\$ 11.00	\$ 12.29	\$ 46.90	\$ 34.61
18	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 34.61	\$ -	\$ 0.54	\$ 0.55	\$ 1.09	\$ 11.00	\$ 12.09	\$ 35.17	\$ 23.08
19	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 23.08	\$ -	\$ 0.54	\$ 0.37	\$ 0.91	\$ 11.00	\$ 11.91	\$ 23.45	\$ 11.54
20	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 11.54	\$ -	\$ 0.54	\$ 0.19	\$ 0.73	\$ 11.00	\$ 11.73	\$ 11.73	\$ 0.00
						\$ 3,502.01	\$ 10.75	\$ 9.68	\$ 25.70	\$ 35.37	\$ 198.00	\$ 233.37	\$ 3,538.45	\$ 3,305.08
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Payment	10	09/01/15	09/30/15	30	3.250%	\$ 299.00	\$ 0.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 299.80	\$ 299.80
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 299.80	\$ 2.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 302.25	\$ 302.25
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 302.25	\$ 2.44	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 304.70	\$ 304.70
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 304.70	\$ 2.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 307.32	\$ 307.32
01	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 307.32	\$ 2.70	\$ 0.55	\$ -	\$ 0.55	\$ 14.95	\$ 15.50	\$ 310.02	\$ 294.52
02	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 294.52	\$ -	\$ 0.55	\$ 2.59	\$ 3.14	\$ 14.95	\$ 18.09	\$ 297.11	\$ 279.02
03	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 279.02	\$ -	\$ 0.55	\$ 2.41	\$ 2.96	\$ 14.95	\$ 17.91	\$ 281.43	\$ 263.52
04	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 263.52	\$ -	\$ 0.55	\$ 2.44	\$ 2.99	\$ 14.95	\$ 17.94	\$ 265.96	\$ 248.02
05	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 248.02	\$ -	\$ 0.55	\$ 2.48	\$ 3.03	\$ 14.95	\$ 17.98	\$ 250.49	\$ 232.52
06	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 232.52	\$ -	\$ 0.55	\$ 2.47	\$ 3.02	\$ 14.95	\$ 17.97	\$ 234.98	\$ 217.02
07	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 217.02	\$ -	\$ 0.55	\$ 2.27	\$ 2.83	\$ 14.95	\$ 17.78	\$ 219.29	\$ 201.51
08	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 201.51	\$ -	\$ 0.55	\$ 2.25	\$ 2.80	\$ 14.95	\$ 17.75	\$ 203.76	\$ 186.01
09	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 186.01	\$ -	\$ 0.55	\$ 2.20	\$ 2.75	\$ 14.95	\$ 17.70	\$ 188.21	\$ 170.51
10	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 170.51	\$ -	\$ 0.55	\$ 2.13	\$ 2.68	\$ 14.95	\$ 17.63	\$ 172.64	\$ 155.01
11	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 155.01	\$ -	\$ 0.55	\$ 1.98	\$ 2.53	\$ 14.95	\$ 17.48	\$ 156.99	\$ 139.51
12	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 139.51	\$ -	\$ 0.55	\$ 1.90	\$ 2.45	\$ 14.95	\$ 17.40	\$ 141.41	\$ 124.01
13	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 124.01	\$ -	\$ 0.55	\$ 1.88	\$ 2.43	\$ 14.95	\$ 17.38	\$ 125.89	\$ 108.51
14	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 108.51	\$ -	\$ 0.55	\$ 1.71	\$ 2.26	\$ 14.95	\$ 17.21	\$ 110.22	\$ 93.01
15	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 93.01	\$ -	\$ 0.55	\$ 1.45	\$ 2.00	\$ 14.95	\$ 16.95	\$ 94.46	\$ 77.51
16	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 77.51	\$ -	\$ 0.55	\$ 1.25	\$ 1.80	\$ 14.95	\$ 16.75	\$ 78.76	\$ 62.00
17	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 62.00	\$ -	\$ 0.55	\$ 1.01	\$ 1.56	\$ 14.95	\$ 16.51	\$ 63.02	\$ 46.50
18	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 46.50	\$ -	\$ 0.55	\$ 0.76	\$ 1.31	\$ 14.95	\$ 16.26	\$ 47.26	\$ 31.00
19	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 31.00	\$ -	\$ 0.55	\$ 0.50	\$ 1.05	\$ 14.95	\$ 16.00	\$ 31.50	\$ 15.50
20	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 15.50	\$ -	\$ 0.55	\$ 0.25	\$ 0.80	\$ 14.95	\$ 15.75	\$ 15.75	\$ 0.00
						\$ 4,411.77	\$ 11.02	\$ 9.92	\$ 33.17	\$ 43.09	\$ 269.10	\$ 312.19	\$ 4,455.97	\$ 4,143.78

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC		
01	08/01/15	\$ 63,999.00	\$ -	\$ 295.00	\$ 64,294.00
02	09/01/15	\$ 90,249.00	\$ -	\$ 416.00	\$ 90,665.00
03	10/01/15	\$ 124,611.00	\$ -	\$ 574.00	\$ 125,185.00
04	11/01/15	\$ 167,144.00	\$ -	\$ 770.00	\$ 167,914.00
05	12/01/15	\$ 215,686.00	\$ -	\$ 994.00	\$ 216,680.00
06	01/01/16	\$ 272,051.00	\$ -	\$ 1,254.00	\$ 273,305.00
07	02/01/16	\$ 314,406.00	\$ -	\$ 1,449.00	\$ 315,855.00
08	03/01/16	\$ 338,884.00	\$ -	\$ 1,562.00	\$ 340,446.00
09	04/01/16	\$ 338,884.00	\$ -	\$ 1,562.00	\$ 340,446.00
10	05/01/16	\$ 314,406.00	\$ -	\$ 1,449.00	\$ 315,855.00
11	06/01/16	\$ 272,051.00	\$ -	\$ 1,254.00	\$ 273,305.00
12	07/01/16	\$ 221,553.00	\$ -	\$ 1,021.00	\$ 222,574.00
13	08/01/16	\$ 171,691.00	\$ -	\$ 791.00	\$ 172,482.00
14	09/01/16	\$ 128,001.00	\$ -	\$ 590.00	\$ 128,591.00
15	10/01/16	\$ 92,704.00	\$ -	\$ 427.00	\$ 93,131.00
16	11/01/16	\$ 65,740.00	\$ -	\$ 303.00	\$ 66,043.00
17	12/01/16	\$ 45,925.00	\$ -	\$ 212.00	\$ 46,137.00
25	N/A	\$ -	\$ -	\$ -	\$ -
Total		\$ 3,237,985.00	\$ -	\$ 14,923.00	\$ 3,252,908.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
Grand Total		\$ 3,237,985.00	\$ -	\$ 14,923.00	\$ 3,252,908.00

In-Service Date: COD:	Estimate	Actual	Comments/Notes
	12/31/16	12/31/16	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)		
N/A	Q4/2016	12/31/2016	12/31/2016	1	3.500%	\$ 3,237,985.00	\$ 309.64	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,238,294.64	\$ 3,238,294.64		
N/A	Q1/2017	1/1/2017	3/31/2017	90	3.500%	\$ 3,238,294.64	\$ 27,946.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,266,241.57	\$ 3,266,241.57		
N/A	Q2/2017	4/1/2017	6/30/2017	91	3.710%	\$ 3,266,241.57	\$ 30,211.39	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,296,452.96	\$ 3,296,452.96		
01	Q3/2017	7/1/2017	9/30/2017	92	3.960%	\$ 3,296,452.96	\$ 32,903.12	\$ 4,568.55	\$ -	\$ 4,568.55	\$ 161,899.25	\$ 166,467.80	\$ 3,329,356.08	\$ 3,162,888.27		
02	Q4/2017	10/1/2017	12/31/2017	92	4.210%	\$ 3,162,888.27	\$ -	\$ 4,568.55	\$ 33,563.01	\$ 38,131.56	\$ 161,899.25	\$ 200,030.81	\$ 3,196,451.28	\$ 2,996,420.47		
03	Q1/2018	1/1/2018	3/31/2018	90	4.250%	\$ 2,996,420.47	\$ -	\$ 4,568.55	\$ 31,400.84	\$ 35,969.40	\$ 161,899.25	\$ 197,868.65	\$ 3,027,821.32	\$ 2,829,952.67		
04	Q2/2018	4/1/2018	6/30/2018	91	4.470%	\$ 2,829,952.67	\$ -	\$ 4,568.55	\$ 31,538.08	\$ 36,106.63	\$ 161,899.25	\$ 198,005.88	\$ 2,861,490.74	\$ 2,663,484.86		
05	Q3/2018	7/1/2018	9/30/2018	92	4.690%	\$ 2,663,484.86	\$ -	\$ 4,568.55	\$ 31,486.04	\$ 36,054.59	\$ 161,899.25	\$ 197,953.84	\$ 2,694,970.90	\$ 2,497,017.06		
06	Q4/2018	10/1/2018	12/31/2018	92	4.960%	\$ 2,497,017.06	\$ -	\$ 4,568.55	\$ 31,217.50	\$ 35,786.06	\$ 161,899.25	\$ 197,685.31	\$ 2,528,234.56	\$ 2,330,549.25		
07	Q1/2019	1/1/2019	3/31/2019	90	5.180%	\$ 2,330,549.25	\$ -	\$ 4,568.55	\$ 29,767.18	\$ 34,335.73	\$ 161,899.25	\$ 196,234.98	\$ 2,360,316.43	\$ 2,164,081.45		
08	Q2/2019	4/1/2019	6/30/2019	91	5.450%	\$ 2,164,081.45	\$ -	\$ 4,568.55	\$ 29,404.83	\$ 33,973.38	\$ 161,899.25	\$ 195,872.63	\$ 2,193,486.28	\$ 1,997,613.65		
09	Q3/2019	7/1/2019	9/30/2019	92	6.013%	\$ 1,997,613.65	\$ -	\$ 4,568.55	\$ 30,277.77	\$ 34,846.33	\$ 161,899.25	\$ 196,745.58	\$ 2,027,891.42	\$ 1,831,145.84		
10	Q4/2019	10/1/2019	12/31/2019	92	6.251%	\$ 1,831,145.84	\$ -	\$ 4,568.55	\$ 28,849.46	\$ 33,418.01	\$ 161,899.25	\$ 195,317.26	\$ 1,859,995.30	\$ 1,664,678.04		
11	Q1/2020	1/1/2020	3/31/2020	91	6.284%	\$ 1,664,678.04	\$ -	\$ 4,568.55	\$ 26,009.81	\$ 30,578.36	\$ 161,899.25	\$ 192,477.61	\$ 1,690,687.85	\$ 1,498,210.24		
12	Q2/2020	4/1/2020	6/30/2020	91	6.502%	\$ 1,498,210.24	\$ -	\$ 4,568.55	\$ 24,220.73	\$ 28,789.28	\$ 161,899.25	\$ 190,688.53	\$ 1,522,430.96	\$ 1,331,742.43		
13	Q3/2020	7/1/2020	9/30/2020	92	6.501%	\$ 1,331,742.43	\$ -	\$ 4,568.55	\$ 21,763.26	\$ 26,331.81	\$ 161,899.25	\$ 188,231.06	\$ 1,353,505.69	\$ 1,165,274.63		
14	Q4/2020	10/1/2020	12/31/2020	92	6.502%	\$ 1,165,274.63	\$ -	\$ 4,568.55	\$ 19,043.72	\$ 23,612.27	\$ 161,899.25	\$ 185,511.52	\$ 1,184,318.35	\$ 998,806.82		
15	Q1/2021	1/1/2021	3/31/2021	90	6.502%	\$ 998,806.82	\$ -	\$ 4,568.55	\$ 16,012.09	\$ 20,580.64	\$ 161,899.25	\$ 182,479.89	\$ 1,014,818.91	\$ 832,339.02		
16	Q2/2021	4/1/2021	6/30/2021	91	6.502%	\$ 832,339.02	\$ -	\$ 4,568.55	\$ 13,491.67	\$ 18,060.22	\$ 161,899.25	\$ 179,959.47	\$ 845,830.68	\$ 665,871.22		
17	Q3/2021	7/1/2021	9/30/2021	92	6.502%	\$ 665,871.22	\$ -	\$ 4,568.55	\$ 10,911.94	\$ 15,480.49	\$ 161,899.25	\$ 177,379.74	\$ 676,783.16	\$ 499,403.41		
18	Q4/2021	10/1/2021	12/31/2021	92	6.502%	\$ 499,403.41	\$ -	\$ 4,568.55	\$ 8,183.96	\$ 12,752.51	\$ 161,899.25	\$ 174,651.76	\$ 507,587.37	\$ 332,935.61		
19	Q1/2022	1/1/2022	3/31/2022	90	6.502%	\$ 332,935.61	\$ -	\$ 4,568.55	\$ 5,337.36	\$ 9,905.92	\$ 161,899.25	\$ 171,805.17	\$ 338,272.97	\$ 166,467.80		
20	Q2/2022	4/1/2022	6/30/2022	91	6.502%	\$ 166,467.80	\$ -	\$ 4,568.55	\$ 2,698.33	\$ 7,266.89	\$ 161,899.25	\$ 169,166.14	\$ 169,166.14	\$ (0.00)		
								\$ 44,501,389.11	\$ 91,371.08	\$ 86,802.52	\$ 422,479.24	\$ 509,281.76	\$ 3,076,085.75	\$ 3,585,367.51	\$ 45,015,239.43	\$ 41,429,871.92

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
Payment	02	09/01/15	09/30/15	30	3.250%	\$ 416.00	\$ 1.11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 417.11	\$ 417.11
N/A	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 417.11	\$ 3.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 420.53	\$ 420.53
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 420.53	\$ 3.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 423.93	\$ 423.93
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 423.93	\$ 3.65	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 427.57	\$ 427.57
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 427.57	\$ 3.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 431.33	\$ 431.33
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 431.33	\$ 3.79	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 435.13	\$ 435.13
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 435.13	\$ 3.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 438.88	\$ 438.88
01	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 438.88	\$ 4.06	\$ 1.35	\$ -	\$ 1.35	\$ 20.80	\$ 22.15	\$ 442.94	\$ 420.80
02	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 420.80	\$ -	\$ 1.35	\$ 4.20	\$ 5.55	\$ 20.80	\$ 26.35	\$ 425.00	\$ 398.65
03	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 398.65	\$ -	\$ 1.35	\$ 4.23	\$ 5.58	\$ 20.80	\$ 26.38	\$ 402.88	\$ 376.50
04	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 376.50	\$ -	\$ 1.35	\$ 3.95	\$ 5.29	\$ 20.80	\$ 26.09	\$ 380.45	\$ 354.36
05	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 354.36	\$ -	\$ 1.35	\$ 3.95	\$ 5.30	\$ 20.80	\$ 26.10	\$ 358.30	\$ 332.21
06	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 332.21	\$ -	\$ 1.35	\$ 3.93	\$ 5.27	\$ 20.80	\$ 26.07	\$ 336.14	\$ 310.06
07	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 310.06	\$ -	\$ 1.35	\$ 3.88	\$ 5.22	\$ 20.80	\$ 26.02	\$ 313.94	\$ 287.91
08	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 287.91	\$ -	\$ 1.35	\$ 3.68	\$ 5.02	\$ 20.80	\$ 25.82	\$ 291.59	\$ 265.77
09	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 265.77	\$ -	\$ 1.35	\$ 3.61	\$ 4.96	\$ 20.80	\$ 25.76	\$ 269.38	\$ 243.62
10	Q3/													

Payment #	Date Received	One-Time Cost		Total Cost
		Facility Cost	ITCC	
01	08/01/15	\$ 63,999.00	\$ -	\$ 295.00 \$ 64,294.00
02	09/01/15	\$ 90,249.00	\$ -	\$ 416.00 \$ 90,665.00
03	10/01/15	\$ 124,611.00	\$ -	\$ 574.00 \$ 125,185.00
04	11/01/15	\$ 167,144.00	\$ -	\$ 770.00 \$ 167,914.00
05	12/01/15	\$ 215,686.00	\$ -	\$ 994.00 \$ 216,680.00
06	01/01/16	\$ 272,051.00	\$ -	\$ 1,254.00 \$ 273,305.00
07	02/01/16	\$ 314,406.00	\$ -	\$ 1,449.00 \$ 315,855.00
08	03/01/16	\$ 338,884.00	\$ -	\$ 1,562.00 \$ 340,446.00
09	04/01/16	\$ 338,884.00	\$ -	\$ 1,562.00 \$ 340,446.00
10	05/01/16	\$ 314,406.00	\$ -	\$ 1,449.00 \$ 315,855.00
11	06/01/16	\$ 272,051.00	\$ -	\$ 1,254.00 \$ 273,305.00
12	07/01/16	\$ 221,553.00	\$ -	\$ 1,021.00 \$ 222,574.00
13	08/01/16	\$ 171,691.00	\$ -	\$ 791.00 \$ 172,482.00
14	09/01/16	\$ 128,001.00	\$ -	\$ 590.00 \$ 128,591.00
15	10/01/16	\$ 92,704.00	\$ -	\$ 427.00 \$ 93,131.00
16	11/01/16	\$ 65,740.00	\$ -	\$ 303.00 \$ 66,043.00
17	12/01/16	\$ 45,925.00	\$ -	\$ 212.00 \$ 46,137.00
25	N/A	\$ -	\$ -	\$ -
Total		\$ 3,237,985.00	\$ -	\$ 14,923.00 \$ 3,252,908.00
True Up 1	N/A	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -
Grand Total		\$ 3,237,985.00	\$ -	\$ 14,923.00 \$ 3,252,908.00

In-Service Date: COD:	Estimate	Actual	Comments/Notes	
	12/31/16	12/31/16		

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)		
11	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 221.47	\$ -	\$ 1.35	\$ 3.49	\$ 4.84	\$ 20.80	\$ 25.64	\$ 224.96	\$ 199.32		
12	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 199.32	\$ -	\$ 1.35	\$ 3.11	\$ 4.46	\$ 20.80	\$ 25.26	\$ 202.44	\$ 177.18		
13	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 177.18	\$ -	\$ 1.35	\$ 2.86	\$ 4.21	\$ 20.80	\$ 25.01	\$ 180.04	\$ 155.03		
14	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 155.03	\$ -	\$ 1.35	\$ 2.53	\$ 3.88	\$ 20.80	\$ 24.68	\$ 157.56	\$ 132.88		
15	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 132.88	\$ -	\$ 1.35	\$ 2.17	\$ 3.52	\$ 20.80	\$ 24.32	\$ 135.05	\$ 110.74		
16	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 110.74	\$ -	\$ 1.35	\$ 1.78	\$ 3.12	\$ 20.80	\$ 23.92	\$ 112.51	\$ 88.59		
17	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 88.59	\$ -	\$ 1.35	\$ 1.44	\$ 2.78	\$ 20.80	\$ 23.58	\$ 90.02	\$ 66.44		
18	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 66.44	\$ -	\$ 1.35	\$ 1.09	\$ 2.44	\$ 20.80	\$ 23.24	\$ 67.53	\$ 44.29		
19	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 44.29	\$ -	\$ 1.35	\$ 0.73	\$ 2.07	\$ 20.80	\$ 22.87	\$ 45.02	\$ 22.15		
20	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 22.15	\$ -	\$ 1.35	\$ 0.36	\$ 1.70	\$ 20.80	\$ 22.50	\$ 22.50	\$ (0.00)		
								\$ 7,552.02	\$ 26.94	\$ 24.25	\$ 53.58	\$ 77.83	\$ 374.40	\$ 452.23	\$ 7,632.55	\$ 7,180.31

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)		
01	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 609.55	\$ 6.08	\$ 2.08	\$ -	\$ 2.08	\$ 28.70	\$ 30.78	\$ 615.63	\$ 584.85		
02	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 584.85	\$ -	\$ 2.08	\$ 6.21	\$ 8.29	\$ 28.70	\$ 36.99	\$ 591.06	\$ 554.07		
03	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 554.07	\$ -	\$ 2.08	\$ 5.81	\$ 7.89	\$ 28.70	\$ 36.59	\$ 559.88	\$ 523.29		
04	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 523.29	\$ -	\$ 2.08	\$ 5.83	\$ 7.91	\$ 28.70	\$ 36.61	\$ 529.12	\$ 492.51		
05	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 492.51	\$ -	\$ 2.08	\$ 5.82	\$ 7.90	\$ 28.70	\$ 36.60	\$ 498.33	\$ 461.73		
06	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 461.73	\$ -	\$ 2.08	\$ 5.77	\$ 7.85	\$ 28.70	\$ 36.55	\$ 467.50	\$ 430.94		
07	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 430.94	\$ -	\$ 2.08	\$ 5.50	\$ 7.59	\$ 28.70	\$ 36.29	\$ 436.45	\$ 400.16		
08	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 400.16	\$ -	\$ 2.08	\$ 5.44	\$ 7.52	\$ 28.70	\$ 36.22	\$ 405.60	\$ 369.38		
09	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 369.38	\$ -	\$ 2.08	\$ 5.60	\$ 7.68	\$ 28.70	\$ 36.38	\$ 374.98	\$ 338.60		
10	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 338.60	\$ -	\$ 2.08	\$ 5.33	\$ 7.42	\$ 28.70	\$ 36.12	\$ 343.93	\$ 307.82		
11	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 307.82	\$ -	\$ 2.08	\$ 4.81	\$ 6.89	\$ 28.70	\$ 35.59	\$ 312.63	\$ 277.04		
12	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 277.04	\$ -	\$ 2.08	\$ 4.48	\$ 6.56	\$ 28.70	\$ 35.26	\$ 281.51	\$ 246.25		
13	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 246.25	\$ -	\$ 2.08	\$ 4.02	\$ 6.11	\$ 28.70	\$ 34.81	\$ 250.28	\$ 215.47		
14	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 215.47	\$ -	\$ 2.08	\$ 3.52	\$ 5.60	\$ 28.70	\$ 34.30	\$ 218.99	\$ 184.69		
15	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 184.69	\$ -	\$ 2.08	\$ 2.96	\$ 5.04	\$ 28.70	\$ 33.74	\$ 187.65	\$ 153.91		
16	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 153.91	\$ -	\$ 2.08	\$ 2.49	\$ 4.58	\$ 28.70	\$ 33.28	\$ 156.40	\$ 123.13		
17	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 123.13	\$ -	\$ 2.08	\$ 2.02	\$ 4.10	\$ 28.70	\$ 32.80	\$ 125.14	\$ 92.35		
18	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 92.35	\$ -	\$ 2.08	\$ 1.51	\$ 3.60	\$ 28.70	\$ 32.30	\$ 93.86	\$ 61.56		
19	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 61.56	\$ -	\$ 2.08	\$ 0.99	\$ 3.07	\$ 28.70	\$ 31.77	\$ 62.55	\$ 30.78		
20	Q2/2022	04/01/22	06/30/22	91	6.502%	\$ 30.78	\$ -	\$ 2.08	\$ 0.50	\$ 2.58	\$ 28.70	\$ 31.28	\$ 31.28	\$ 0.00		
								\$ 10,486.54	\$ 41.63	\$ 37.47	\$ 77.13	\$ 114.60	\$ 516.60	\$ 631.20	\$ 10,605.31	\$ 9,974.10

Payment #	Date Payment Received	One-Time Cost				Total Cost
		Facility Cost	ITCC			
01	08/01/15	\$ 63,999.00	\$ -	\$ 295.00	\$ 64,294.00	
02	09/01/15	\$ 90,249.00	\$ -	\$ 416.00	\$ 90,665.00	
03	10/01/15	\$ 124,611.00	\$ -	\$ 574.00	\$ 125,185.00	
04	11/01/15	\$ 167,144.00	\$ -	\$ 770.00	\$ 167,914.00	
05	12/01/15	\$ 215,686.00	\$ -	\$ 994.00	\$ 216,680.00	
06	01/01/16	\$ 272,051.00	\$ -	\$ 1,254.00	\$ 273,305.00	
07	02/01/16	\$ 314,406.00	\$ -	\$ 1,449.00	\$ 315,855.00	
08	03/01/16	\$ 338,884.00	\$ -	\$ 1,562.00	\$ 340,446.00	
09	04/01/16	\$ 338,884.00	\$ -	\$ 1,562.00	\$ 340,446.00	
10	05/01/16	\$ 314,406.00	\$ -	\$ 1,449.00	\$ 315,855.00	
11	06/01/16	\$ 272,051.00	\$ -	\$ 1,254.00	\$ 273,305.00	
12	07/01/16	\$ 221,553.00	\$ -	\$ 1,021.00	\$ 222,574.00	
13	08/01/16	\$ 171,691.00	\$ -	\$ 791.00	\$ 172,482.00	
14	09/01/16	\$ 128,001.00	\$ -	\$ 590.00	\$ 128,591.00	
15	10/01/16	\$ 92,704.00	\$ -	\$ 427.00	\$ 93,131.00	
16	11/01/16	\$ 65,740.00	\$ -	\$ 303.00	\$ 66,043.00	
17	12/01/16	\$ 45,925.00	\$ -	\$ 212.00	\$ 46,137.00	
25	N/A	\$ -	\$ -	\$ -	\$ -	
		Total	\$ 3,237,985.00	\$ -	\$ 14,923.00	\$ 3,252,908.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	
		Grand Total	\$ 3,237,985.00	\$ -	\$ 14,923.00	\$ 3,252,908.00

	In-Service Date: COD:	Estimate	Actual	Comments/Notes
		12/31/16	12/31/16	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A) Quarterly Interest Refund (B) Total Interest Refund (A) + (B) = (C) Principal Refund (D) Total Refund (C) + (D) = (E)					Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Payment	04	11/01/15	12/31/15	61	3.250%	\$ 770.00	\$ 4.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 774.18	\$ 774.18
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 774.18	\$ 6.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 780.44	\$ 780.44
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 780.44	\$ 6.71	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 787.15	\$ 787.15
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 787.15	\$ 6.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 794.08	\$ 794.08
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 794.08	\$ 6.99	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 801.06	\$ 801.06
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 801.06	\$ 6.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 807.98	\$ 807.98
01	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 807.98	\$ 7.47	\$ 2.27	\$ -	\$ 2.27	\$ 38.50	\$ 40.77	\$ 815.45	\$ 774.68
02	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 774.68	\$ -	\$ 2.27	\$ 7.73	\$ 10.00	\$ 38.50	\$ 48.50	\$ 782.41	\$ 733.91
03	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 733.91	\$ -	\$ 2.27	\$ 7.79	\$ 10.06	\$ 38.50	\$ 48.56	\$ 741.69	\$ 693.13
04	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 693.13	\$ -	\$ 2.27	\$ 7.26	\$ 9.54	\$ 38.50	\$ 48.04	\$ 700.40	\$ 652.36
05	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 652.36	\$ -	\$ 2.27	\$ 7.27	\$ 9.54	\$ 38.50	\$ 48.04	\$ 659.63	\$ 611.59
06	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 611.59	\$ -	\$ 2.27	\$ 7.23	\$ 9.50	\$ 38.50	\$ 48.00	\$ 618.82	\$ 570.82
07	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 570.82	\$ -	\$ 2.27	\$ 7.14	\$ 9.41	\$ 38.50	\$ 47.91	\$ 577.95	\$ 530.04
08	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 530.04	\$ -	\$ 2.27	\$ 6.77	\$ 9.04	\$ 38.50	\$ 47.54	\$ 536.81	\$ 489.27
09	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 489.27	\$ -	\$ 2.27	\$ 6.65	\$ 8.92	\$ 38.50	\$ 47.42	\$ 495.92	\$ 448.50
10	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 448.50	\$ -	\$ 2.27	\$ 6.80	\$ 9.07	\$ 38.50	\$ 47.57	\$ 455.30	\$ 407.73
11	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 407.73	\$ -	\$ 2.27	\$ 6.42	\$ 8.70	\$ 38.50	\$ 47.20	\$ 414.15	\$ 366.95
12	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 366.95	\$ -	\$ 2.27	\$ 5.73	\$ 8.01	\$ 38.50	\$ 46.51	\$ 372.69	\$ 326.18
13	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 326.18	\$ -	\$ 2.27	\$ 5.27	\$ 7.55	\$ 38.50	\$ 46.05	\$ 331.45	\$ 285.41
14	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 285.41	\$ -	\$ 2.27	\$ 4.66	\$ 6.94	\$ 38.50	\$ 45.44	\$ 290.07	\$ 244.64
15	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 244.64	\$ -	\$ 2.27	\$ 4.00	\$ 6.27	\$ 38.50	\$ 44.77	\$ 248.63	\$ 203.86
16	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 203.86	\$ -	\$ 2.27	\$ 3.27	\$ 5.54	\$ 38.50	\$ 44.04	\$ 207.13	\$ 163.09
17	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 163.09	\$ -	\$ 2.27	\$ 2.64	\$ 4.92	\$ 38.50	\$ 43.42	\$ 165.73	\$ 122.32
18	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 122.32	\$ -	\$ 2.27	\$ 2.00	\$ 4.28	\$ 38.50	\$ 42.78	\$ 124.32	\$ 81.55
19	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 81.55	\$ -	\$ 2.27	\$ 1.34	\$ 3.61	\$ 38.50	\$ 42.11	\$ 82.88	\$ 40.77
20	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 40.77	\$ -	\$ 2.27	\$ 0.65	\$ 2.93	\$ 38.50	\$ 41.43	\$ 41.43	\$ 0.00
						\$ 13,139.35	\$ 45.45	\$ 40.91	\$ 98.64	\$ 139.55	\$ 693.00	\$ 832.55	\$ 13,283.44	\$ 12,450.89
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Payment	05	12/01/15	12/31/15	31	3.250%	\$ 994.00	\$ 2.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 996.74	\$ 996.74
N/A	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 996.74	\$ 8.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,004.80	\$ 1,004.80
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 1,004.80	\$ 8.64	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,013.44	\$ 1,013.44
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 1,013.44	\$ 8.92	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,022.36	\$ 1,022.36
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,022.36	\$ 8.99	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,031.35	\$ 1,031.35
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,031.35	\$ 8.90	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,040.25	\$ 1,040.25
01	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,040.25	\$ 9.62	\$ 2.79	\$ -	\$ 2.79	\$ 49.70	\$ 52.49	\$ 1,049.88	\$ 997.38
02	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 997.38	\$ -	\$ 2.79	\$ 9.96	\$ 12.75	\$ 49.70	\$ 62.45	\$ 1,007.34	\$ 944.89
03	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 944.89	\$ -	\$ 2.79	\$ 10.03	\$ 12.82	\$ 49.70	\$ 62.52	\$ 954.91	\$ 892.39
04	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 892.39	\$ -	\$ 2.79	\$ 9.35	\$ 12.15	\$ 49.70	\$ 61.85	\$ 901.75	\$ 839.90

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC		
01	08/01/15	\$ 63,999.00	\$ -	\$ 295.00	\$ 64,294.00
02	09/01/15	\$ 90,249.00	\$ -	\$ 416.00	\$ 90,665.00
03	10/01/15	\$ 124,611.00	\$ -	\$ 574.00	\$ 125,185.00
04	11/01/15	\$ 167,144.00	\$ -	\$ 770.00	\$ 167,914.00
05	12/01/15	\$ 215,686.00	\$ -	\$ 994.00	\$ 216,680.00
06	01/01/16	\$ 272,051.00	\$ -	\$ 1,254.00	\$ 273,305.00
07	02/01/16	\$ 314,406.00	\$ -	\$ 1,449.00	\$ 315,855.00
08	03/01/16	\$ 338,884.00	\$ -	\$ 1,562.00	\$ 340,446.00
09	04/01/16	\$ 338,884.00	\$ -	\$ 1,562.00	\$ 340,446.00
10	05/01/16	\$ 314,406.00	\$ -	\$ 1,449.00	\$ 315,855.00
11	06/01/16	\$ 272,051.00	\$ -	\$ 1,254.00	\$ 273,305.00
12	07/01/16	\$ 221,553.00	\$ -	\$ 1,021.00	\$ 222,574.00
13	08/01/16	\$ 171,691.00	\$ -	\$ 791.00	\$ 172,482.00
14	09/01/16	\$ 128,001.00	\$ -	\$ 590.00	\$ 128,591.00
15	10/01/16	\$ 92,704.00	\$ -	\$ 427.00	\$ 93,131.00
16	11/01/16	\$ 65,740.00	\$ -	\$ 303.00	\$ 66,043.00
17	12/01/16	\$ 45,925.00	\$ -	\$ 212.00	\$ 46,137.00
25	N/A	\$ -	\$ -	\$ -	\$ -
	Total	\$ 3,237,985.00	\$ -	\$ 14,923.00	\$ 3,252,908.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 3,237,985.00	\$ -	\$ 14,923.00	\$ 3,252,908.00

	Estimate	Actual	Comments/Notes	
	In-Service Date: COD:	12/31/16 12/15/18	12/31/16 12/15/18	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
05	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 839.90	\$ -	\$ 2.79	\$ 9.36	\$ 12.15	\$ 49.70	\$ 61.85	\$ 849.26	\$ 787.41
06	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 787.41	\$ -	\$ 2.79	\$ 9.31	\$ 12.10	\$ 49.70	\$ 61.80	\$ 796.71	\$ 734.91
07	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 734.91	\$ -	\$ 2.79	\$ 9.19	\$ 11.98	\$ 49.70	\$ 61.68	\$ 744.10	\$ 682.42
08	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 682.42	\$ -	\$ 2.79	\$ 8.72	\$ 11.51	\$ 49.70	\$ 61.21	\$ 691.14	\$ 629.93
09	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 629.93	\$ -	\$ 2.79	\$ 8.56	\$ 11.35	\$ 49.70	\$ 61.05	\$ 638.48	\$ 577.43
10	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 577.43	\$ -	\$ 2.79	\$ 8.75	\$ 11.55	\$ 49.70	\$ 61.25	\$ 586.18	\$ 524.94
11	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 524.94	\$ -	\$ 2.79	\$ 8.27	\$ 11.06	\$ 49.70	\$ 60.76	\$ 533.21	\$ 472.44
12	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 472.44	\$ -	\$ 2.79	\$ 7.38	\$ 10.18	\$ 49.70	\$ 59.88	\$ 479.83	\$ 419.95
13	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 419.95	\$ -	\$ 2.79	\$ 6.79	\$ 9.58	\$ 49.70	\$ 59.28	\$ 426.74	\$ 367.46
14	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 367.46	\$ -	\$ 2.79	\$ 6.00	\$ 8.80	\$ 49.70	\$ 58.50	\$ 373.46	\$ 314.96
15	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 314.96	\$ -	\$ 2.79	\$ 5.15	\$ 7.94	\$ 49.70	\$ 57.64	\$ 320.11	\$ 262.47
16	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 262.47	\$ -	\$ 2.79	\$ 4.21	\$ 7.00	\$ 49.70	\$ 56.70	\$ 266.68	\$ 209.98
17	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 209.98	\$ -	\$ 2.79	\$ 3.40	\$ 6.20	\$ 49.70	\$ 55.90	\$ 213.38	\$ 157.48
18	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 157.48	\$ -	\$ 2.79	\$ 2.58	\$ 5.37	\$ 49.70	\$ 55.07	\$ 160.06	\$ 104.99
19	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 104.99	\$ -	\$ 2.79	\$ 1.72	\$ 4.51	\$ 49.70	\$ 54.21	\$ 106.71	\$ 52.49
20	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 52.49	\$ -	\$ 2.79	\$ 0.84	\$ 3.64	\$ 49.70	\$ 53.34	\$ 53.34	\$ (0.00)
						\$ 16,919.28	\$ 55.88	\$ 50.29	\$ 127.00	\$ 177.29	\$ 894.60	\$ 1,071.89	\$ 17,102.16	\$ 16,030.27

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Payment	06	01/01/16	03/31/16	91	3.250%	\$ 1,254.00	\$ 10.13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,264.13	\$ 1,264.13
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 1,264.13	\$ 10.87	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,275.01	\$ 1,275.01
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 1,275.01	\$ 11.22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,286.23	\$ 1,286.23
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,286.23	\$ 11.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,297.54	\$ 1,297.54
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,297.54	\$ 11.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,308.74	\$ 1,308.74
N/A	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,308.74	\$ 12.11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,320.84	\$ 1,320.84
01	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,320.84	\$ 13.18	\$ 4.00	\$ -	\$ 4.00	\$ 62.70	\$ 66.70	\$ 1,334.03	\$ 1,267.33
02	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,267.33	\$ -	\$ 4.00	\$ 13.45	\$ 17.45	\$ 62.70	\$ 80.15	\$ 1,280.78	\$ 1,200.63
03	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,200.63	\$ -	\$ 4.00	\$ 12.58	\$ 16.58	\$ 62.70	\$ 79.28	\$ 1,213.21	\$ 1,133.92
04	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,133.92	\$ -	\$ 4.00	\$ 12.64	\$ 16.64	\$ 62.70	\$ 79.34	\$ 1,146.56	\$ 1,067.22
05	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,067.22	\$ -	\$ 4.00	\$ 12.62	\$ 16.62	\$ 62.70	\$ 79.32	\$ 1,079.84	\$ 1,000.52
06	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,000.52	\$ -	\$ 4.00	\$ 12.51	\$ 16.51	\$ 62.70	\$ 79.21	\$ 1,013.03	\$ 933.82
07	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 933.82	\$ -	\$ 4.00	\$ 11.93	\$ 15.93	\$ 62.70	\$ 78.63	\$ 945.75	\$ 867.12
08	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 867.12	\$ -	\$ 4.00	\$ 11.78	\$ 15.78	\$ 62.70	\$ 78.48	\$ 878.90	\$ 800.42
09	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 800.42	\$ -	\$ 4.00	\$ 12.13	\$ 16.13	\$ 62.70	\$ 78.83	\$ 812.55	\$ 733.72
10	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 733.72	\$ -	\$ 4.00	\$ 11.56	\$ 15.56	\$ 62.70	\$ 78.26	\$ 745.28	\$ 667.01
11	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 667.01	\$ -	\$ 4.00	\$ 10.42	\$ 14.42	\$ 62.70	\$ 77.12	\$ 677.44	\$ 600.31
12	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 600.31	\$ -	\$ 4.00	\$ 9.70	\$ 13.71	\$ 62.70	\$ 76.41	\$ 610.02	\$ 533.61
13	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 533.61	\$ -	\$ 4.00	\$ 8.72	\$ 12.72	\$ 62.70	\$ 75.42	\$ 542.33	\$ 466.91
14	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 466.91	\$ -	\$ 4.00	\$ 7.63	\$ 11.63	\$ 62.70	\$ 74.33	\$ 474.54	\$ 400.21
15	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 400.21	\$ -	\$ 4.00	\$ 6.42	\$ 10.42	\$ 62.70	\$ 73.12	\$ 406.62	\$ 333.51
16	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 333.51	\$ -	\$ 4.00	\$ 5.41	\$ 9.41	\$ 62.70	\$ 72.11	\$ 338.91	\$ 266.81
17	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 266.81	\$ -	\$ 4.00	\$ 4.37	\$ 8.37	\$ 62.70	\$ 71.07	\$ 271.18	\$ 200.10
18	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 200.10	\$ -	\$ 4.00	\$ 3.28	\$ 7.28	\$ 62.70	\$ 69.98	\$ 203.38	\$ 133.40

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC		
01	08/01/15	\$ 63,999.00	\$ -	\$ 295.00	\$ 64,294.00
02	09/01/15	\$ 90,249.00	\$ -	\$ 416.00	\$ 90,665.00
03	10/01/15	\$ 124,611.00	\$ -	\$ 574.00	\$ 125,185.00
04	11/01/15	\$ 167,144.00	\$ -	\$ 770.00	\$ 167,914.00
05	12/01/15	\$ 215,686.00	\$ -	\$ 994.00	\$ 216,680.00
06	01/01/16	\$ 272,051.00	\$ -	\$ 1,254.00	\$ 273,305.00
07	02/01/16	\$ 314,406.00	\$ -	\$ 1,449.00	\$ 315,855.00
08	03/01/16	\$ 338,884.00	\$ -	\$ 1,562.00	\$ 340,446.00
09	04/01/16	\$ 338,884.00	\$ -	\$ 1,562.00	\$ 340,446.00
10	05/01/16	\$ 314,406.00	\$ -	\$ 1,449.00	\$ 315,855.00
11	06/01/16	\$ 272,051.00	\$ -	\$ 1,254.00	\$ 273,305.00
12	07/01/16	\$ 221,553.00	\$ -	\$ 1,021.00	\$ 222,574.00
13	08/01/16	\$ 171,691.00	\$ -	\$ 791.00	\$ 172,482.00
14	09/01/16	\$ 128,001.00	\$ -	\$ 590.00	\$ 128,591.00
15	10/01/16	\$ 92,704.00	\$ -	\$ 427.00	\$ 93,131.00
16	11/01/16	\$ 65,740.00	\$ -	\$ 303.00	\$ 66,043.00
17	12/01/16	\$ 45,925.00	\$ -	\$ 212.00	\$ 46,137.00
25	N/A	\$ -	\$ -	\$ -	\$ -
	Total	\$ 3,237,985.00	\$ -	\$ 14,923.00	\$ 3,252,908.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 3,237,985.00	\$ -	\$ 14,923.00	\$ 3,252,908.00

In-Service Date: COD:	Estimate	Actual	Comments/Notes
	12/31/16	12/31/16	
	12/15/18	12/15/18	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
													Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
19	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 133.40	\$ -	\$ 4.00	\$ 2.14	\$ 6.14	\$ 62.70	\$ 68.84	\$ 135.54	\$ 66.70
20	Q2/2022	04/01/22	06/30/22	91	6.502%	\$ 66.70	\$ -	\$ 4.00	\$ 1.08	\$ 5.08	\$ 62.70	\$ 67.78	\$ 67.78	\$ -

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
													Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
07	02/01/16	03/31/16	60	3.250%	\$ 1,449.00	\$ 7.72	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,456.72	\$ 1,456.72
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 1,456.72	\$ 12.53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,469.25	\$ 1,469.25
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 1,469.25	\$ 12.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,482.18	\$ 1,482.18
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,482.18	\$ 13.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,495.22	\$ 1,495.22
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,495.22	\$ 12.90	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,508.12	\$ 1,508.12
01	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,508.12	\$ 13.95	\$ 3.65	\$ -	\$ 3.65	\$ 72.45	\$ 76.10	\$ 1,522.07	\$ 1,445.97
02	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,445.97	\$ -	\$ 3.65	\$ 14.43	\$ 18.09	\$ 72.45	\$ 90.54	\$ 1,460.40	\$ 1,369.86
03	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,369.86	\$ -	\$ 3.65	\$ 14.54	\$ 18.19	\$ 72.45	\$ 90.64	\$ 1,384.40	\$ 1,293.76
04	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,293.76	\$ -	\$ 3.65	\$ -	\$ 13.56	\$ 72.45	\$ 89.66	\$ 1,307.32	\$ 1,217.66
05	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,217.66	\$ -	\$ 3.65	\$ -	\$ 13.57	\$ 72.45	\$ 89.67	\$ 1,231.23	\$ 1,141.55
06	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,141.55	\$ -	\$ 3.65	\$ -	\$ 13.49	\$ 72.45	\$ 89.60	\$ 1,155.05	\$ 1,065.45
07	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,065.45	\$ -	\$ 3.65	\$ -	\$ 13.32	\$ 72.45	\$ 89.42	\$ 1,078.77	\$ 989.35
08	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 989.35	\$ -	\$ 3.65	\$ -	\$ 12.64	\$ 72.45	\$ 88.74	\$ 1,001.98	\$ 913.24
09	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 913.24	\$ -	\$ 3.65	\$ -	\$ 12.41	\$ 72.45	\$ 88.51	\$ 925.65	\$ 837.14
10	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 837.14	\$ -	\$ 3.65	\$ -	\$ 12.69	\$ 72.45	\$ 88.79	\$ 849.83	\$ 761.04
11	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 761.04	\$ -	\$ 3.65	\$ -	\$ 11.99	\$ 72.45	\$ 88.09	\$ 773.03	\$ 684.93
12	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 684.93	\$ -	\$ 3.65	\$ -	\$ 10.70	\$ 72.45	\$ 86.81	\$ 695.63	\$ 608.83
13	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 608.83	\$ -	\$ 3.65	\$ -	\$ 9.84	\$ 72.45	\$ 85.95	\$ 618.67	\$ 532.73
14	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 532.73	\$ -	\$ 3.65	\$ -	\$ 8.71	\$ 72.45	\$ 84.81	\$ 541.43	\$ 456.62
15	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 456.62	\$ -	\$ 3.65	\$ -	\$ 7.46	\$ 72.45	\$ 83.57	\$ 464.08	\$ 380.52
16	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 380.52	\$ -	\$ 3.65	\$ -	\$ 6.10	\$ 72.45	\$ 82.20	\$ 386.62	\$ 304.41
17	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 304.41	\$ -	\$ 3.65	\$ -	\$ 4.93	\$ 72.45	\$ 81.04	\$ 309.35	\$ 228.31
18	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 228.31	\$ -	\$ 3.65	\$ -	\$ 3.74	\$ 72.45	\$ 79.85	\$ 232.05	\$ 152.21
19	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 152.21	\$ -	\$ 3.65	\$ -	\$ 2.49	\$ 72.45	\$ 78.60	\$ 154.70	\$ 76.10
20	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 76.10	\$ -	\$ 3.65	\$ -	\$ 1.22	\$ 72.45	\$ 77.32	\$ 77.32	\$ 0.00

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
													Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
08	03/01/16	03/31/16	31	3.250%	\$ 1,562.00	\$ 4.30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,566.30	\$ 1,566.30
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 1,566.30	\$ 13.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,579.77	\$ 1,579.77
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 1,579.77	\$ 13.90	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,593.67	\$ 1,593.67
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,593.67	\$ 14.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,607.69	\$ 1,607.69
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,607.69	\$ 13.87	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,621.57	\$ 1,621.57
01	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,621.57	\$ 15.00	\$ 3.73	\$ -	\$ 3.73	\$ 78.10	\$ 81.83	\$ 1,636.57	\$ 1,554.74
02	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,554.74	\$ -	\$ 3.73	\$ 15.52	\$ 19.25	\$ 78.10	\$ 97.35	\$ 1,570.26	\$ 1,472.91

Payment #	Date Received	One-Time Cost		Total Cost
		Facility Cost	ITCC	
01	08/01/15	\$ 63,999.00	\$ -	\$ 295.00 \$ 64,294.00
02	09/01/15	\$ 90,249.00	\$ -	\$ 416.00 \$ 90,665.00
03	10/01/15	\$ 124,611.00	\$ -	\$ 574.00 \$ 125,185.00
04	11/01/15	\$ 167,144.00	\$ -	\$ 770.00 \$ 167,914.00
05	12/01/15	\$ 215,686.00	\$ -	\$ 994.00 \$ 216,680.00
06	01/01/16	\$ 272,051.00	\$ -	\$ 1,254.00 \$ 273,305.00
07	02/01/16	\$ 314,406.00	\$ -	\$ 1,449.00 \$ 315,855.00
08	03/01/16	\$ 338,884.00	\$ -	\$ 1,562.00 \$ 340,446.00
09	04/01/16	\$ 338,884.00	\$ -	\$ 1,562.00 \$ 340,446.00
10	05/01/16	\$ 314,406.00	\$ -	\$ 1,449.00 \$ 315,855.00
11	06/01/16	\$ 272,051.00	\$ -	\$ 1,254.00 \$ 273,305.00
12	07/01/16	\$ 221,553.00	\$ -	\$ 1,021.00 \$ 222,574.00
13	08/01/16	\$ 171,691.00	\$ -	\$ 791.00 \$ 172,482.00
14	09/01/16	\$ 128,001.00	\$ -	\$ 590.00 \$ 128,591.00
15	10/01/16	\$ 92,704.00	\$ -	\$ 427.00 \$ 93,131.00
16	11/01/16	\$ 65,740.00	\$ -	\$ 303.00 \$ 66,043.00
17	12/01/16	\$ 45,925.00	\$ -	\$ 212.00 \$ 46,137.00
25	N/A	\$ -	\$ -	\$ -
Total		\$ 3,237,985.00	\$ -	\$ 14,923.00 \$ 3,252,908.00
True Up 1	N/A	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -
Grand Total		\$ 3,237,985.00	\$ -	\$ 14,923.00 \$ 3,252,908.00

In-Service Date: COD:	Estimate	Actual	Comments/Notes		
	12/31/16	12/31/16			

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
03	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,472.91	\$ -	\$ 3.73	\$ 15.63	\$ 19.36	\$ 78.10	\$ 97.46	\$ 1,488.54	\$ 1,391.08
04	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,391.08	\$ -	\$ 3.73	\$ 14.58	\$ 18.31	\$ 78.10	\$ 96.41	\$ 1,405.66	\$ 1,309.25
05	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,309.25	\$ -	\$ 3.73	\$ 14.59	\$ 18.32	\$ 78.10	\$ 96.42	\$ 1,323.84	\$ 1,227.43
06	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,227.43	\$ -	\$ 3.73	\$ 14.51	\$ 18.24	\$ 78.10	\$ 96.34	\$ 1,241.94	\$ 1,145.60
07	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,145.60	\$ -	\$ 3.73	\$ 14.32	\$ 18.05	\$ 78.10	\$ 96.15	\$ 1,159.92	\$ 1,063.77
08	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,063.77	\$ -	\$ 3.73	\$ 13.59	\$ 17.32	\$ 78.10	\$ 95.42	\$ 1,077.36	\$ 981.94
09	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 981.94	\$ -	\$ 3.73	\$ 13.34	\$ 17.07	\$ 78.10	\$ 95.17	\$ 995.28	\$ 900.11
10	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 900.11	\$ -	\$ 3.73	\$ 13.64	\$ 17.37	\$ 78.10	\$ 95.47	\$ 913.75	\$ 818.28
11	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 818.28	\$ -	\$ 3.73	\$ 12.89	\$ 16.62	\$ 78.10	\$ 94.72	\$ 831.18	\$ 736.46
12	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 736.46	\$ -	\$ 3.73	\$ 11.51	\$ 15.24	\$ 78.10	\$ 93.34	\$ 747.96	\$ 654.63
13	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 654.63	\$ -	\$ 3.73	\$ 10.58	\$ 14.31	\$ 78.10	\$ 92.41	\$ 665.21	\$ 572.80
14	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 572.80	\$ -	\$ 3.73	\$ 9.36	\$ 13.09	\$ 78.10	\$ 91.19	\$ 582.16	\$ 490.97
15	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 490.97	\$ -	\$ 3.73	\$ 8.02	\$ 11.75	\$ 78.10	\$ 89.85	\$ 498.99	\$ 409.14
16	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 409.14	\$ -	\$ 3.73	\$ 6.56	\$ 10.29	\$ 78.10	\$ 88.39	\$ 415.70	\$ 327.31
17	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 327.31	\$ -	\$ 3.73	\$ 5.31	\$ 9.03	\$ 78.10	\$ 87.13	\$ 332.62	\$ 245.49
18	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 245.49	\$ -	\$ 3.73	\$ 4.02	\$ 7.75	\$ 78.10	\$ 85.85	\$ 249.51	\$ 163.66
19	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 163.66	\$ -	\$ 3.73	\$ 2.68	\$ 6.41	\$ 78.10	\$ 84.51	\$ 166.34	\$ 81.83
20	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 81.83	\$ -	\$ 3.73	\$ 1.31	\$ 5.04	\$ 78.10	\$ 83.14	\$ 83.14	(0.00)
						\$ 24,832.91	\$ 74.57	\$ 67.11	\$ 197.97	\$ 265.09	\$ 1,405.80	\$ 1,670.89	\$ 25,105.45	\$ 23,434.57

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
Payment	09	04/01/16	06/30/16	91	3.460%	\$ 1,562.00	\$ 13.44	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,575.44	\$ 1,575.44
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 1,575.44	\$ 13.86	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,589.30	\$ 1,589.30
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,589.30	\$ 13.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,603.28	\$ 1,603.28
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,603.28	\$ 13.84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,617.12	\$ 1,617.12
N/A	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,617.12	\$ 14.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,632.07	\$ 1,632.07
01	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,632.07	\$ 16.29	\$ 4.32	\$ -	\$ 4.32	\$ 78.10	\$ 82.42	\$ 1,648.36	\$ 1,565.95
02	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,565.95	\$ -	\$ 4.32	\$ 16.62	\$ 20.94	\$ 78.10	\$ 99.04	\$ 1,582.56	\$ 1,483.53
03	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,483.53	\$ -	\$ 4.32	\$ 15.55	\$ 19.86	\$ 78.10	\$ 97.96	\$ 1,499.07	\$ 1,401.11
04	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,401.11	\$ -	\$ 4.32	\$ 15.61	\$ 19.93	\$ 78.10	\$ 98.03	\$ 1,416.72	\$ 1,318.69
05	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,318.69	\$ -	\$ 4.32	\$ 15.59	\$ 19.91	\$ 78.10	\$ 98.01	\$ 1,334.28	\$ 1,236.27
06	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,236.27	\$ -	\$ 4.32	\$ 15.46	\$ 19.77	\$ 78.10	\$ 97.87	\$ 1,251.73	\$ 1,153.86
07	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 1,153.86	\$ -	\$ 4.32	\$ 14.74	\$ 19.06	\$ 78.10	\$ 97.16	\$ 1,168.59	\$ 1,071.44
08	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 1,071.44	\$ -	\$ 4.32	\$ 14.56	\$ 18.88	\$ 78.10	\$ 96.98	\$ 1,086.00	\$ 989.02
09	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 989.02	\$ -	\$ 4.32	\$ 14.99	\$ 19.31	\$ 78.10	\$ 97.41	\$ 1,004.01	\$ 906.60
10	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 906.60	\$ -	\$ 4.32	\$ 14.28	\$ 18.60	\$ 78.10	\$ 96.70	\$ 920.88	\$ 824.18
11	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 824.18	\$ -	\$ 4.32	\$ 12.88	\$ 17.20	\$ 78.10	\$ 95.30	\$ 837.06	\$ 741.76
12	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 741.76	\$ -	\$ 4.32	\$ 11.99	\$ 16.31	\$ 78.10	\$ 94.41	\$ 753.76	\$ 659.35
13	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 659.35	\$ -	\$ 4.32	\$ 10.77	\$ 15.09	\$ 78.10	\$ 93.19	\$ 670.12	\$ 576.93
14	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 576.93	\$ -	\$ 4.32	\$ 9.43	\$ 13.75	\$ 78.10	\$ 91.85	\$ 586.36	\$ 494.51
15	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 494.51	\$ -	\$ 4.32	\$ 7.93	\$ 12.25	\$ 78.10	\$ 90.35	\$ 502.44	\$ 412.09
16	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 412.09	\$ -	\$ 4.32	\$ 6.68	\$ 11.00	\$ 78.10	\$ 89.10	\$ 418.77	\$ 329.67
17	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 329.67	\$ -	\$ 4.32	\$ 5.40	\$ 9.72	\$ 78.10	\$ 87.82	\$ 335.08	\$ 247.25

Payment #	Date Payment Received	One-Time Cost			Total Cost
		Facility Cost	ITCC		
01	08/01/15	\$ 63,999.00	\$ -	\$ 295.00	\$ 64,294.00
02	09/01/15	\$ 90,249.00	\$ -	\$ 416.00	\$ 90,665.00
03	10/01/15	\$ 124,611.00	\$ -	\$ 574.00	\$ 125,185.00
04	11/01/15	\$ 167,144.00	\$ -	\$ 770.00	\$ 167,914.00
05	12/01/15	\$ 215,686.00	\$ -	\$ 994.00	\$ 216,680.00
06	01/01/16	\$ 272,051.00	\$ -	\$ 1,254.00	\$ 273,305.00
07	02/01/16	\$ 314,406.00	\$ -	\$ 1,449.00	\$ 315,855.00
08	03/01/16	\$ 338,884.00	\$ -	\$ 1,562.00	\$ 340,446.00
09	04/01/16	\$ 338,884.00	\$ -	\$ 1,562.00	\$ 340,446.00
10	05/01/16	\$ 314,406.00	\$ -	\$ 1,449.00	\$ 315,855.00
11	06/01/16	\$ 272,051.00	\$ -	\$ 1,254.00	\$ 273,305.00
12	07/01/16	\$ 221,553.00	\$ -	\$ 1,021.00	\$ 222,574.00
13	08/01/16	\$ 171,691.00	\$ -	\$ 791.00	\$ 172,482.00
14	09/01/16	\$ 128,001.00	\$ -	\$ 590.00	\$ 128,591.00
15	10/01/16	\$ 92,704.00	\$ -	\$ 427.00	\$ 93,131.00
16	11/01/16	\$ 65,740.00	\$ -	\$ 303.00	\$ 66,043.00
17	12/01/16	\$ 45,925.00	\$ -	\$ 212.00	\$ 46,137.00
25	N/A	\$ -	\$ -	\$ -	\$ -
	Total	\$ 3,237,985.00	\$ -	\$ 14,923.00	\$ 3,252,908.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 3,237,985.00	\$ -	\$ 14,923.00	\$ 3,252,908.00

In-Service Date: COD:	Estimate	Actual	Comments/Notes
	12/31/16	12/31/16	
	12/15/18	12/15/18	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
													Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
18	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 247.25	\$ -	\$ 4.32	\$ 4.05	\$ 8.37	\$ 78.10	\$ 86.47	\$ 251.31	\$ 164.84
19	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 164.84	\$ -	\$ 4.32	\$ 2.64	\$ 6.96	\$ 78.10	\$ 85.06	\$ 167.48	\$ 82.42
20	Q2/2022	04/01/22	06/30/22	91	6.502%	\$ 82.42	\$ -	\$ 4.32	\$ 1.34	\$ 5.65	\$ 78.10	\$ 83.75	\$ 83.75	\$ 0.00
						\$ 24,991.42	\$ 86.36	\$ 77.73	\$ 206.53	\$ 284.26	\$ 1,405.80	\$ 1,690.06	\$ 25,284.31	\$ 23,594.25

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
													Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
Payment	10	05/01/16	06/30/16	61	3.460%	\$ 1,449.00	\$ 8.36	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,457.36	\$ 1,457.36
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 1,457.36	\$ 12.82	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,470.18	\$ 1,470.18
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 1,470.18	\$ 12.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,483.11	\$ 1,483.11
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 1,483.11	\$ 12.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,495.91	\$ 1,495.91
01	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 1,495.91	\$ 13.84	\$ 3.04	\$ -	\$ 3.04	\$ 72.45	\$ 75.49	\$ 1,509.75	\$ 1,434.26
02	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,434.26	\$ -	\$ 3.04	\$ 14.32	\$ 17.35	\$ 72.45	\$ 89.80	\$ 1,448.58	\$ 1,358.77
03	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,358.77	\$ -	\$ 3.04	\$ 14.42	\$ 17.46	\$ 72.45	\$ 89.91	\$ 1,373.19	\$ 1,283.29
04	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,283.29	\$ -	\$ 3.04	\$ -	\$ 13.45	\$ 72.45	\$ 88.94	\$ 1,296.73	\$ 1,207.80
05	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 1,207.80	\$ -	\$ 3.04	\$ -	\$ 13.46	\$ 72.45	\$ 88.95	\$ 1,221.26	\$ 1,132.31
06	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 1,132.31	\$ -	\$ 3.04	\$ -	\$ 13.39	\$ 72.45	\$ 88.87	\$ 1,145.70	\$ 1,056.82
07	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ 1,056.82	\$ -	\$ 3.04	\$ -	\$ 13.21	\$ 72.45	\$ 88.70	\$ 1,070.04	\$ 981.34
08	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ 981.34	\$ -	\$ 3.04	\$ -	\$ 12.53	\$ 72.45	\$ 88.02	\$ 993.87	\$ 905.85
09	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ 905.85	\$ -	\$ 3.04	\$ -	\$ 12.31	\$ 72.45	\$ 87.80	\$ 918.16	\$ 830.36
10	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ 830.36	\$ -	\$ 3.04	\$ -	\$ 12.59	\$ 72.45	\$ 88.07	\$ 842.95	\$ 754.87
11	Q4/2019	10/01/19	12/31/19	92	6.251%	\$ 754.87	\$ -	\$ 3.04	\$ -	\$ 11.89	\$ 72.45	\$ 87.38	\$ 766.77	\$ 679.39
12	Q1/2020	01/01/20	03/31/20	91	6.284%	\$ 679.39	\$ -	\$ 3.04	\$ -	\$ 10.62	\$ 72.45	\$ 86.10	\$ 690.00	\$ 603.90
13	Q2/2020	04/01/20	06/30/20	91	6.502%	\$ 603.90	\$ -	\$ 3.04	\$ -	\$ 9.76	\$ 72.45	\$ 85.25	\$ 613.66	\$ 528.41
14	Q3/2020	07/01/20	09/30/20	92	6.501%	\$ 528.41	\$ -	\$ 3.04	\$ -	\$ 8.64	\$ 72.45	\$ 84.12	\$ 537.05	\$ 452.92
15	Q4/2020	10/01/20	12/31/20	92	6.502%	\$ 452.92	\$ -	\$ 3.04	\$ -	\$ 7.40	\$ 72.45	\$ 82.89	\$ 460.33	\$ 377.44
16	Q1/2021	01/01/21	03/31/21	90	6.502%	\$ 377.44	\$ -	\$ 3.04	\$ -	\$ 6.05	\$ 72.45	\$ 81.54	\$ 383.49	\$ 301.95
17	Q2/2021	04/01/21	06/30/21	91	6.502%	\$ 301.95	\$ -	\$ 3.04	\$ -	\$ 4.89	\$ 72.45	\$ 80.38	\$ 306.84	\$ 226.46
18	Q3/2021	07/01/21	09/30/21	92	6.502%	\$ 226.46	\$ -	\$ 3.04	\$ -	\$ 3.71	\$ 72.45	\$ 79.20	\$ 230.17	\$ 150.97
19	Q4/2021	10/01/21	12/31/21	92	6.502%	\$ 150.97	\$ -	\$ 3.04	\$ -	\$ 2.47	\$ 72.45	\$ 77.96	\$ 153.45	\$ 75.49
20	Q1/2022	01/01/22	03/31/22	90	6.502%	\$ 75.49	\$ -	\$ 3.04	\$ -	\$ 1.21	\$ 72.45	\$ 76.70	\$ 76.70	\$ (0.00)
						\$ 21,471.70	\$ 60.75	\$ 54.67	\$ 182.63	\$ 237.31	\$ 1,304.10	\$ 1,541.41	\$ 21,715.08	\$ 20,173.67

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	05/26/11	\$ 13,433,683.00	\$ -	\$ -	\$ 13,433,683.00
Total		\$ 13,433,683.00	\$ -	\$ -	\$ 13,433,683.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
Grand Total		\$ 13,433,683.00	\$ -	\$ -	\$ 13,433,683.00

In-Service Date:	Estimate	Actual	Comments/Notes
COD:	11/15/14	05/01/13	Two payments completed in Q3 2013

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
Facility Costs	10/17/12	12/31/12	76	3.250%	\$ 13,433,683.00	\$ 90,659.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,524,342.01	\$ 13,524,342.01
01	01/01/13	03/31/13	90	3.250%	\$ 13,524,342.01	\$ 108,380.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,632,722.01	\$ 13,632,722.01
02	Q3/2013	07/01/13	09/30/13	92	3.250%	\$ 13,056,025.19	\$ 110,462.40	\$ 15,475.07	\$ 106,952.10	\$ 122,427.17	\$ 671,684.15	\$ 794,111.32	\$ 13,162,977.28	\$ 12,368,865.97
03	Q4/2013	10/01/13	12/31/13	92	3.250%	\$ 12,368,865.97	\$ -	\$ 15,475.07	\$ 101,323.04	\$ 116,798.11	\$ 671,684.15	\$ 788,482.26	\$ 12,470,189.01	\$ 11,681,706.75
04	Q1/2014	01/01/14	03/31/14	90	3.250%	\$ 11,681,706.75	\$ -	\$ 15,475.07	\$ 93,613.68	\$ 109,088.75	\$ 671,684.15	\$ 780,772.90	\$ 11,775,320.42	\$ 10,994,547.53
05	Q2/2014	04/01/14	06/30/14	91	3.250%	\$ 10,994,547.53	\$ -	\$ 15,475.07	\$ 89,085.98	\$ 104,561.03	\$ 671,684.15	\$ 776,245.18	\$ 11,083,633.48	\$ 10,307,388.31
06	Q3/2014	07/01/14	09/30/14	92	3.250%	\$ 10,307,388.31	\$ -	\$ 15,475.07	\$ 84,435.87	\$ 99,910.94	\$ 671,684.15	\$ 771,595.09	\$ 10,391,824.17	\$ 9,620,229.09
07	Q4/2014	10/01/14	12/31/14	92	3.250%	\$ 9,620,229.09	\$ -	\$ 15,475.07	\$ 78,806.81	\$ 94,281.88	\$ 671,684.15	\$ 765,966.03	\$ 9,699,035.89	\$ 8,933,069.86
08	Q1/2015	01/01/15	03/31/15	90	3.250%	\$ 8,933,069.86	\$ -	\$ 15,475.07	\$ 71,586.93	\$ 87,062.00	\$ 671,684.15	\$ 758,746.15	\$ 9,004,656.79	\$ 8,245,910.64
09	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 8,245,910.64	\$ -	\$ 15,475.07	\$ 66,814.47	\$ 82,289.54	\$ 671,684.15	\$ 753,973.69	\$ 8,312,725.11	\$ 7,558,751.42
10	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 7,558,751.42	\$ -	\$ 15,475.07	\$ 61,919.63	\$ 77,394.71	\$ 671,684.15	\$ 749,078.86	\$ 7,620,671.06	\$ 6,871,592.20
11	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 6,871,592.20	\$ -	\$ 15,475.07	\$ 56,290.58	\$ 71,765.65	\$ 671,684.15	\$ 743,449.80	\$ 6,927,882.78	\$ 6,184,432.98
12	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 6,184,432.98	\$ -	\$ 15,475.07	\$ 49,973.94	\$ 65,449.01	\$ 671,684.15	\$ 737,133.16	\$ 6,234,406.92	\$ 5,497,273.76
13	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 5,497,273.76	\$ -	\$ 15,475.07	\$ 47,291.57	\$ 62,766.64	\$ 671,684.15	\$ 734,450.79	\$ 5,544,565.34	\$ 4,810,114.54
14	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 4,810,114.54	\$ -	\$ 15,475.07	\$ 42,318.49	\$ 57,793.56	\$ 671,684.15	\$ 729,477.71	\$ 4,852,433.04	\$ 4,122,955.32
15	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 4,122,955.32	\$ -	\$ 15,475.07	\$ 36,272.99	\$ 51,748.07	\$ 671,684.15	\$ 723,432.22	\$ 4,159,228.32	\$ 3,435,796.10
16	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 3,435,796.10	\$ -	\$ 15,475.07	\$ 29,651.39	\$ 45,126.46	\$ 671,684.15	\$ 716,810.61	\$ 3,465,447.49	\$ 2,748,636.88
17	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,748,636.88	\$ -	\$ 15,475.07	\$ 25,423.76	\$ 40,898.83	\$ 671,684.15	\$ 712,582.98	\$ 2,774,060.64	\$ 2,061,477.66
18	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 2,061,477.66	\$ -	\$ 15,475.07	\$ 20,576.37	\$ 36,051.44	\$ 671,684.15	\$ 707,735.59	\$ 2,082,054.03	\$ 1,374,318.44
19	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,374,318.44	\$ -	\$ 15,475.07	\$ 14,583.59	\$ 30,058.66	\$ 671,684.15	\$ 701,742.81	\$ 1,388,902.03	\$ 687,159.22
20	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 687,159.22	\$ -	\$ 15,475.07	\$ 7,201.05	\$ 22,676.12	\$ 671,684.15	\$ 694,360.27	\$ 694,360.27	(0.00)

								\$ 171,150,998.89	\$ 309,501.41	\$ 309,501.41	\$ 1,084,122.22	\$ 1,393,623.63	\$ 13,433,683.00	\$ 14,827,306.63	\$ 172,544,622.51	\$ 157,717,315.89
One-Time Cost	05/26/11	06/30/11	36	3.250%	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/11	09/30/11	92	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/11	12/31/11	92	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/12	03/31/12	91	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/12	06/30/12	91	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/12	09/30/12	92	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/12	12/31/12	92	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/13	03/31/13	90	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/13	06/30/13	91	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/13	09/30/13	92	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/13	12/31/13	92	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/14	03/31/14	90	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/14	06/30/14	91	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/14	09/30/14	92	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/14	12/31/14	92	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/15	03/31/15	90	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/15	06/30/15	91	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/15	09/30/15	92	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/15	12/31/15	92	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/16	03/31/16	91	3.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/16	06/30/16	91	3.460%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/16	09/30/16	92	3.500%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/16	12/31/16	92	3.500%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/17	03/31/17	90	3.500%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04/01/17	06/30/17	91	3.710%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/01/17	09/30/17	92	3.960%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10/01/17	12/31/17	92	4.210%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
01/01/18	03/31/18	90	4.250%	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Payment #	Date Payment Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	11/27/13	\$ 16,891,833.00	\$ -	\$ -	\$ 16,891,833.00
True Up 1 (FSA)	Total	\$ 16,891,833.00	\$ -	\$ -	\$ 16,891,833.00
	N/A	\$ 1,000,000.00	\$ -	\$ -	\$ 1,000,000.00
	Grand Total	\$ 17,891,833.00	\$ -	\$ -	\$ 17,891,833.00

In-Service Date:	Estimate	Actual	Comments/Notes
COD:	06/01/13	07/10/13	2014 Q2: Q2 TC refund included adjustment of \$50K * 3 = \$150K

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								(A)	(B)	(C)	(D)	(E)		
		01/04/13	03/31/13	87	3.250%	\$ 16,891,833.00	\$ 130,853.86	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,022,686.86	\$ 17,022,686.86
		04/01/13	06/30/13	91	3.250%	\$ 17,022,686.86	\$ 137,930.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,160,617.26	\$ 17,160,617.26
01	Q3/2013	07/01/13	09/30/13	92	3.250%	\$ 17,160,617.26	\$ 140,576.02	\$ 20,468.01	\$ -	\$ 20,468.01	\$ 844,591.65	\$ 865,059.66	\$ 17,301,193.27	\$ 16,436,133.61
02	Q4/2013	10/01/13	12/31/13	92	3.250%	\$ 16,436,133.61	\$ -	\$ 20,468.01	\$ 134,641.20	\$ 155,109.22	\$ 844,591.65	\$ 999,700.87	\$ 16,570,774.81	\$ 15,571,073.95
03	Q1/2014	01/01/14	03/31/14	90	3.250%	\$ 15,571,073.95	\$ -	\$ 20,468.01	\$ 124,781.89	\$ 145,249.91	\$ 844,591.65	\$ 989,841.56	\$ 15,695,855.84	\$ 14,706,014.28
04	Q2/2014	04/01/14	06/30/14	91	3.250%	\$ 14,706,014.28	\$ -	\$ 20,468.01	\$ 119,159.01	\$ 139,627.02	\$ 1,044,591.65	\$ 1,184,218.67	\$ 14,825,173.29	\$ 14,640,954.62
05	Q3/2014	07/01/14	09/30/14	92	3.250%	\$ 14,640,954.62	\$ -	\$ 20,468.01	\$ 119,935.49	\$ 140,403.50	\$ 894,591.65	\$ 1,034,995.15	\$ 14,760,890.11	\$ 13,725,894.96
06	Q4/2014	10/01/14	12/31/14	92	3.250%	\$ 13,725,894.96	\$ -	\$ 20,468.01	\$ 112,439.52	\$ 132,907.54	\$ 894,591.65	\$ 1,027,499.19	\$ 13,838,334.48	\$ 12,810,835.29
07	Q1/2015	01/01/15	03/31/15	90	3.250%	\$ 12,810,835.29	\$ -	\$ 20,468.01	\$ 102,662.17	\$ 123,130.19	\$ 894,591.65	\$ 1,017,721.84	\$ 12,913,497.46	\$ 11,895,775.63
08	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 11,895,775.63	\$ -	\$ 20,468.01	\$ 96,388.37	\$ 116,856.39	\$ 894,591.65	\$ 1,011,448.04	\$ 11,992,164.00	\$ 10,980,715.96
09	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 10,980,715.96	\$ -	\$ 20,468.01	\$ 89,951.62	\$ 110,419.63	\$ 894,591.65	\$ 1,005,011.28	\$ 11,070,667.58	\$ 10,065,656.30
10	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 10,065,656.30	\$ -	\$ 20,468.01	\$ 82,455.65	\$ 102,923.66	\$ 894,591.65	\$ 997,515.31	\$ 10,148,111.95	\$ 9,150,596.64
11	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 9,150,596.64	\$ -	\$ 20,468.01	\$ 73,942.32	\$ 94,410.33	\$ 894,591.65	\$ 989,001.98	\$ 9,224,538.96	\$ 8,235,536.97
12	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 8,235,536.97	\$ -	\$ 20,468.01	\$ 70,848.12	\$ 91,316.13	\$ 894,591.65	\$ 985,907.78	\$ 8,306,385.09	\$ 7,320,477.31
13	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 7,320,477.31	\$ -	\$ 20,468.01	\$ 64,404.20	\$ 84,872.21	\$ 894,591.65	\$ 979,463.86	\$ 7,384,881.51	\$ 6,405,417.65
14	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 6,405,417.65	\$ -	\$ 20,468.01	\$ 56,353.67	\$ 76,821.69	\$ 894,591.65	\$ 971,413.34	\$ 6,461,771.32	\$ 5,490,357.98
15	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 5,490,357.98	\$ -	\$ 20,468.01	\$ 47,382.54	\$ 67,850.56	\$ 894,591.65	\$ 962,442.21	\$ 5,537,740.52	\$ 4,575,298.32
16	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 4,575,298.32	\$ -	\$ 20,468.01	\$ 42,319.63	\$ 62,787.64	\$ 894,591.65	\$ 957,379.29	\$ 4,617,617.95	\$ 3,660,238.65
17	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 3,660,238.65	\$ -	\$ 20,468.01	\$ 36,534.20	\$ 57,002.21	\$ 894,591.65	\$ 951,593.86	\$ 3,696,772.85	\$ 2,745,178.99
18	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 2,745,178.99	\$ -	\$ 20,468.01	\$ 29,130.49	\$ 49,598.50	\$ 894,591.65	\$ 944,190.15	\$ 2,774,309.48	\$ 1,830,119.33
19	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 1,830,119.33	\$ -	\$ 20,468.01	\$ 19,178.65	\$ 39,646.66	\$ 894,591.65	\$ 934,238.31	\$ 1,849,297.98	\$ 915,059.66
20	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 915,059.66	\$ -	\$ 20,468.01	\$ 10,197.78	\$ 30,665.79	\$ 894,591.65	\$ 925,257.44	\$ 925,257.44	\$ (0.00)
						\$ 222,236,473.21	\$ 409,360.27	\$ 409,360.27	\$ 1,432,706.52	\$ 1,842,066.80	\$ 17,891,833.00	\$ 19,733,899.80	\$ 224,078,540.01	\$ 205,344,640.21
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								(A)	(B)	(C)	(D)	(E)		
		11/27/13	12/31/13	35	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		01/01/14	03/31/14	90	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		04/01/14	06/30/14	91	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		07/01/14	09/30/14	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		10/01/14	12/31/14	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		01/01/15	03/31/15	90	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		04/01/15	06/30/15	91	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		07/01/15	09/30/15	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		10/01/15	12/31/15	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		01/01/16	03/31/16	91	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		04/01/16	06/30/16	91	3.460%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		07/01/16	09/30/16	92	3.500%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		10/01/16	12/31/16	92	3.500%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		01/01/17	03/31/17	90	3.500%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		04/01/17	06/30/17	91	3.710%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		07/01/17	09/30/17	92	3.960%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		10/01/17	12/31/17	92	4.210%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		01/01/18	03/31/18	90	4.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		04/01/18	06/30/18	91	4.470%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		07/01/18	09/30/18	92	4.690%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		10/01/18	12/31/18	92	4.960%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		01/01/19	03/31/19	90	5.180%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		04/01/19	06/30/19	91	5.450%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		07/01/19	09/30/19	92	6.013%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		10/01/19	12/31/19	92	6.251%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		01/01/20	03/31/20	91	6.284%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		04/01/20	06/30/20	91	6.502%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		07/01/20	09/30/20	92	6.501%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Payment #	Date Payment Received	One-Time Cost				Total Cost
		Facility Cost	ITCC	\$ -	\$ -	
01	09/01/09	\$ 105,000.00	\$ -	\$ -	\$ -	\$ 105,000.00
	Total	\$ 3,650,000.00	\$ -	\$ 200,000.00	\$ -	\$ 3,850,000.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	
	Grand Total	\$ 2,650,000.00	\$ -	\$ 200,000.00	\$ -	\$ 2,850,000.00

In-Service Date:	Estimate	Actual	Comments/Notes
10/15/12	10/05/12		1st refund did not begin Q2 2013 as expected.
COD:	10/31/14	04/25/13	Payment made in Q1 2014 includes 4 payments: Q2 2013 through Q1 2014 refunds

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)		Quarterly Interest Refund (B)		Total Interest Refund (A) + (B) = (C)		Principal Refund (D)	Total Refund (C) + (D) = (E)	One-Time Costs (Summary)							
								Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)	One-Time Costs (Summary)
Facility Cost	01/01/13	03/31/13	90	3.250%	\$ 3,650,000.00	\$ 28,521.86	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,678,521.86	\$ 3,678,521.86	\$ 10/05/12	12/31/12	\$ -	\$ -	\$ -	\$ -	\$ -		
	04/01/13	06/30/13	91	3.250%	\$ 3,678,521.86	\$ 29,475.57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,708,000.42	\$ 3,708,000.42	\$ 01/01/13	03/31/13	\$ -	\$ -	\$ -	\$ -	\$ -		
	07/01/13	09/30/13	92	3.250%	\$ 3,708,000.42	\$ 30,044.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,738,045.39	\$ 3,738,045.39	\$ 04/01/13	06/30/13	\$ -	\$ -	\$ -	\$ -	\$ -		
	08/01/13	10/31/13	93	3.250%	\$ 3,738,045.39	\$ 30,621.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,768,666.63	\$ 3,768,666.63	\$ 07/01/13	09/30/13	\$ -	\$ -	\$ -	\$ -	\$ -		
	09/01/13	11/30/13	92	3.250%	\$ 3,768,666.63	\$ 30,872.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,798,521.86	\$ 3,798,521.86	\$ 08/01/13	10/31/13	\$ -	\$ -	\$ -	\$ -	\$ -		
	01/04/14	01/01/14	03/31/14	90	3.250%	\$ 3,798,521.86	\$ 30,446.35	\$ 35,997.42	\$ -	\$ 35,997.42	\$ -	\$ 730,000.00	\$ 765,997.42	\$ 3,829,987.08	\$ 3,063,987.08	\$ 01/01/14	03/31/14	\$ -	\$ 40,000.00	\$ 2,944.71	\$ 2,944.71	\$ 1,703.61	
05	02/2014	04/01/14	06/30/14	91	3.250%	\$ 3,063,987.08	\$ 8,999.35	\$ 24,826.71	\$ 33,826.06	\$ 182,500.00	\$ 216,326.06	\$ 3,088,161.38	\$ 2,872,490.31	\$ 04/01/14	06/30/14	\$ 1,391.88	\$ 10,000.00	\$ 736.18	\$ 2,128.00	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
06	03/2014	07/01/14	09/30/14	92	3.250%	\$ 2,872,490.31	\$ 8,999.35	\$ 23,530.81	\$ 32,530.17	\$ 182,500.00	\$ 215,030.17	\$ 2,896,021.12	\$ 2,680,990.36	\$ 07/01/14	09/30/14	\$ 1,319.23	\$ 10,000.00	\$ 736.18	\$ 2,055.40	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
07	04/2014	10/01/14	12/31/14	92	3.250%	\$ 2,680,990.36	\$ 8,999.35	\$ 21,962.09	\$ 30,361.44	\$ 182,500.00	\$ 213,461.44	\$ 2,702,953.05	\$ 2,489,491.60	\$ 10/01/14	12/31/14	\$ 1,231.28	\$ 10,000.00	\$ 736.18	\$ 1,967.46	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
08	01/2015	01/01/15	03/31/15	90	3.250%	\$ 2,489,491.60	\$ 8,999.35	\$ 19,950.04	\$ 28,349.39	\$ 182,500.00	\$ 211,449.39	\$ 2,509,441.64	\$ 2,297,992.25	\$ 01/01/15	03/31/15	\$ 1,118.47	\$ 10,000.00	\$ 736.18	\$ 1,854.65	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
09	02/2015	04/01/15	06/30/15	91	3.250%	\$ 2,297,992.25	\$ 8,999.35	\$ 18,620.03	\$ 27,191.39	\$ 182,500.00	\$ 210,119.39	\$ 2,316,612.28	\$ 2,106,492.90	\$ 04/01/15	06/30/15	\$ 1,043.91	\$ 10,000.00	\$ 736.18	\$ 1,780.09	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
10	03/2015	07/01/15	09/30/15	92	3.250%	\$ 2,106,492.90	\$ 8,999.35	\$ 17,255.93	\$ 26,255.28	\$ 182,500.00	\$ 208,755.82	\$ 2,123,748.82	\$ 1,914,993.54	\$ 07/01/15	09/30/15	\$ 967.43	\$ 10,000.00	\$ 736.18	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
11	04/2015	10/01/15	12/31/15	91	3.250%	\$ 1,914,993.54	\$ 8,999.35	\$ 15,687.21	\$ 24,686.56	\$ 182,500.00	\$ 207,186.56	\$ 1,930,680.75	\$ 1,723,494.19	\$ 10/01/15	12/31/15	\$ 879.48	\$ 10,000.00	\$ 736.18	\$ 1,615.00	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
12	05/2015	09/01/16	01/31/16	91	3.250%	\$ 1,723,494.19	\$ 8,999.35	\$ 13,987.03	\$ 23,186.00	\$ 182,500.00	\$ 205,476.00	\$ 1,737,421.08	\$ 1,534,995.74	\$ 09/01/16	01/31/16	\$ 700.00	\$ 10,000.00	\$ 736.18	\$ 1,475.00	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
13	06/2015	04/01/16	06/30/16	91	3.400%	\$ 1,531,994.74	\$ 8,999.35	\$ 13,179.34	\$ 20,792.70	\$ 182,500.00	\$ 202,990.00	\$ 1,540,495.48	\$ 1,401,495.48	\$ 04/01/16	06/30/16	\$ 738.68	\$ 10,000.00	\$ 736.18	\$ 1,475.00	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
14	03/2016	07/01/16	09/30/16	92	3.500%	\$ 1,340,495.48	\$ 8,999.35	\$ 11,793.43	\$ 20,792.78	\$ 182,500.00	\$ 203,297.78	\$ 1,362,991.91	\$ 1,148,996.13	\$ 07/01/16	09/30/16	\$ 661.18	\$ 10,000.00	\$ 736.18	\$ 1,357.36	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
15	04/2016	10/01/16	12/31/16	92	3.500%	\$ 1,148,996.13	\$ 8,999.35	\$ 10,108.65	\$ 19,108.01	\$ 182,500.00	\$ 201,603.01	\$ 1,159,104.78	\$ 957,496.77	\$ 10/01/16	12/31/16	\$ 566.73	\$ 10,000.00	\$ 736.18	\$ 1,302.91	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
16	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 957,496.77	\$ 8,999.35	\$ 8,263.33	\$ 17,262.68	\$ 182,500.00	\$ 199,762.68	\$ 965,760.10	\$ 765,997.72	\$ 01/01/17	03/31/17	\$ 463.27	\$ 10,000.00	\$ 736.18	\$ 1,199.45	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
17	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 765,997.72	\$ 8,999.35	\$ 7,085.16	\$ 16,084.52	\$ 182,500.00	\$ 198,584.52	\$ 773,082.58	\$ 574,498.06	\$ 04/01/17	06/30/17	\$ 397.22	\$ 10,000.00	\$ 736.18	\$ 1,133.40	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
18	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 574,498.06	\$ 8,999.35	\$ 5,734.28	\$ 14,733.63	\$ 182,500.00	\$ 197,233.63	\$ 580,232.34	\$ 382,998.71	\$ 07/01/17	09/30/17	\$ 321.49	\$ 10,000.00	\$ 736.18	\$ 1,057.66	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
19	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 382,998.71	\$ 8,999.35	\$ 4,064.19	\$ 13,063.55	\$ 182,500.00	\$ 195,563.55	\$ 387,062.90	\$ 191,495.35	\$ 10/01/17	12/31/17	\$ 227.85	\$ 10,000.00	\$ 736.18	\$ 964.00	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
20	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 191,495.35	\$ 8,999.35	\$ 2,006.81	\$ 11,006.16	\$ 182,500.00	\$ 193,506.16	\$ 193,506.16	\$ 0.00	\$ 01/01/18	03/31/18	\$ 112.51	\$ 10,000.00	\$ 736.18	\$ 848.69	\$ 1,703.61	\$ 1,703.61	\$ 1,703.61	
								\$ 48,386,685.20	\$ 179,987.08	\$ 217,994.88	\$ 397,981.96	\$ 3,650,000.00	\$ 4,047,981.96	\$ 48,784,667.16	\$ 44,736,685.20					\$ 12,221,62	\$ 200,000.00	\$ 14,723.56	\$ 26,945.18
																				quarterly	principal	accrued	total interest

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
One-Time Costs Payment	17	08/31/11	09/30/11	31	3.250%	\$ 10,000.00	\$ 27.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,027.60	\$ 10,027.60
		10/01/11	12/31/11	92	3.250%	\$ 10,267.60	\$ 82.14	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,189.75	\$ 10,189.75
		01/01/12	03/31/12	91	3.250%	\$ 10,199.75	\$ 81.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,191.44	\$ 10,191.44
		04/01/12	06/30/12	91	3.250%	\$ 10,191.44	\$ 82.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,273.79	\$ 10,273.79
		07/01/12	09/30/12	92	3.250%	\$ 10,273.79	\$ 83.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,357.72	\$ 10,357.72
		10/01/12	12/31/12	92	3.250%	\$ 10,357.72	\$ 84.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,442.34	\$ 10,442.34
		01/01/13	03/31/13	90	3.250%	\$ 10,442.34	\$ 85.30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,526.64	\$ 10,526.64
		04/01/13	06/30/13	91	3.250%	\$ 10,526.64	\$ 85.29	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,611.31	\$ 10,611.31
		07/01/13	09/30/13	92	3.250%	\$ 10,611.31	\$ 86.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,698.24	\$ 10,698.24
		10/01/13	12/31/13	92	3.250%	\$ 10,698.24	\$ 87.64	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,785.87	\$ 10,785.87
01	Q1/2014	01/01/14	03/31/14	90	3.250%	\$ 10,785.87	\$ 86.43	\$ 174.46	\$ -	\$ 174.46	\$ 2,000.00	\$ 2,174.46	\$ 10,872.31	\$ 8,699.85
02	Q2/2014	04/01/14	06/30/14	91	3.250%	\$ 8,697.85	\$ -	\$ 43.62	\$ -	\$ 70.48	\$ 500.00	\$ 614.09	\$ 8,768.32	\$ 8,154.23
03	Q3/2014	07/01/14	09/30/14	92	3.250%	\$ 8,154.23	\$ -	\$ 43.62	\$ -	\$ 66.80	\$ 500.00	\$ 610.41	\$ 8,221.03	\$ 7,610.62
04	Q4/2014	10/01/14	12/31/14	92	3.250%	\$ 7,610.62	\$ -	\$ 43.62	\$ -	\$ 62.34	\$ 500.00	\$ 605.96	\$ 7,672.96	\$ 7,067.07
05	Q1/2015	01/01/15	03/31/15	90	3.250%	\$ 7,067.00	\$ -	\$ 43.62	\$ -	\$ 56.63	\$ 500.00	\$ 600.25	\$ 7,123.63	\$ 6,523.39
06	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 6,523.39	\$ -	\$ 43.62	\$ -	\$ 52.86	\$ 500.00	\$ 596.47	\$ 6,575.24	\$ 5,977.97
07	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 5,979.75	\$ -	\$ 43.62	\$ -	\$ 49.65	\$ 500.00	\$ 592.60	\$ 6,607.75	\$ 5,436.15
08	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 5,436.15	\$ -	\$ 43.62	\$ -	\$ 44.53	\$ 500.00	\$ 588.53	\$ 5,489.02	\$ 4,838.92
09	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 4,894.54	\$ -	\$ 43.62	\$ -	\$ 39.53	\$ 500.00	\$ 583.15	\$ 4,932.07	\$ 4,384.92
10	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 4,348.92	\$ -	\$ 43.62	\$ -	\$ 37.41	\$ 500.00	\$ 581.03	\$ 4,386.34	\$ 3,805.31
11	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 3,805.31	\$ -	\$ 43.62	\$ -	\$ 33.48	\$ 500.00	\$ 577.09	\$ 3,838.79	\$ 3,261.69
12	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 3,261.69	\$ -	\$ 43.62	\$ -	\$ 28.70	\$ 500.00	\$ 572.31	\$ 3,290.39	\$ 2,718.46
13	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,718.08	\$ -	\$ 43.62	\$ -	\$ 23.46	\$ 500.00	\$ 567.07	\$ 2,741.53	\$ 2,174.46
14	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,174.46	\$ -	\$ 43.62	\$ -	\$ 20.11	\$ 500.00	\$ 563.73	\$ 2,194.57	\$ 1,630.85
15	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 1,630.85	\$ -	\$ 43.62	\$ -	\$ 16.28	\$ 500.00	\$ 559.89	\$ 1,647.12	\$ 1,087.23
16	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 1,087.23	\$ -	\$ 43.62	\$ -	\$ 11.54	\$ 500.00	\$ 555.15	\$ 1,098.73	\$ 543.62
17	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 543.62	\$ -	\$ 43.62	\$ -	\$ 5.70	\$ 500.00	\$ 549.31	\$ 549.31	\$ 0.00

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	09/01/09	\$ 105,000.00	\$ -	\$ -	\$ 105,000.00
	Total	\$ 3,650,000.00	\$ -	\$ 200,000.00	\$ 3,850,000.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 3,650,000.00	\$ -	\$ 200,000.00	\$ 3,850,000.00

In-Service Date:	Estimate	Actual	Comments/Notes
COD:	10/15/12	10/05/12	1st refund did not begin Q2 2013 as expected.

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
						\$ 187,955.79	\$ 872.31	\$ 872.31	\$ 618.83	\$ 1,491.14	\$ 10,000.00	\$ 11,491.14	\$ 189,446.92	\$ 177,955.79

One-Time Costs (Summary)

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
One-Time Costs	Payment 18	10/04/11	12/31/11	89	3.25%	\$ 20,000.00	\$ 158.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,158.49	\$ 20,158.49
		01/01/12	03/31/12	91	3.25%	\$ 20,158.49	\$ 162.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,321.39	\$ 20,321.39
		04/01/12	06/30/12	91	3.25%	\$ 20,321.39	\$ 164.21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,485.59	\$ 20,485.59
		07/01/12	09/30/12	92	3.25%	\$ 20,485.59	\$ 167.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,652.95	\$ 20,652.95
		10/01/12	12/31/12	92	3.25%	\$ 20,652.95	\$ 168.72	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,821.67	\$ 20,821.67
		01/01/13	03/31/13	90	3.25%	\$ 20,821.67	\$ 166.66	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,988.53	\$ 20,988.53
		04/01/13	06/30/13	91	3.25%	\$ 20,988.53	\$ 170.06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,159.59	\$ 21,159.59
		07/01/13	09/30/13	92	3.25%	\$ 21,159.59	\$ 177.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,331.92	\$ 21,331.92
		10/01/13	12/31/13	92	3.25%	\$ 21,331.92	\$ 174.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,506.67	\$ 21,506.67
01	Q1/2014	01/01/14	03/31/14	90	3.25%	\$ 21,506.67	\$ 172.35	\$ 335.80	\$ -	\$ 335.80	\$ 4,000.00	\$ 4,335.80	\$ 21,679.02	\$ 17,433.21
02	Q2/2014	04/01/14	06/30/14	91	3.25%	\$ 17,343.21	\$ -	\$ 83.95	\$ 140.53	\$ 224.48	\$ 1,000.00	\$ 1,224.48	\$ 17,483.74	\$ 16,259.26
03	Q3/2014	07/01/14	09/30/14	92	3.25%	\$ 16,259.26	\$ -	\$ 83.95	\$ 133.19	\$ 217.14	\$ 1,000.00	\$ 1,217.14	\$ 16,392.45	\$ 15,175.31
04	Q4/2014	10/01/14	12/31/14	92	3.25%	\$ 15,175.31	\$ -	\$ 83.95	\$ 124.31	\$ 208.26	\$ 1,000.00	\$ 1,208.26	\$ 15,299.62	\$ 14,091.36
05	Q1/2015	01/01/15	03/31/15	90	3.25%	\$ 14,091.36	\$ -	\$ 83.95	\$ 112.92	\$ 196.87	\$ 1,000.00	\$ 1,196.87	\$ 14,204.28	\$ 13,007.41
06	Q2/2015	04/01/15	06/30/15	91	3.25%	\$ 13,007.41	\$ -	\$ 83.95	\$ 105.40	\$ 189.35	\$ 1,000.00	\$ 1,189.35	\$ 13,112.81	\$ 11,923.46
07	Q3/2015	07/01/15	09/30/15	92	3.25%	\$ 11,923.46	\$ -	\$ 83.95	\$ 97.67	\$ 181.63	\$ 1,000.00	\$ 1,181.63	\$ 12,021.13	\$ 10,839.51
08	Q4/2015	10/01/15	12/31/15	92	3.25%	\$ 10,839.51	\$ -	\$ 83.95	\$ 88.75	\$ 172.75	\$ 1,000.00	\$ 1,172.75	\$ 10,928.30	\$ 9,755.56
09	Q1/2016	01/01/16	03/31/16	91	3.25%	\$ 9,755.56	\$ -	\$ 83.95	\$ 76.33	\$ 163.68	\$ 1,000.00	\$ 1,163.68	\$ 10,193.21	\$ 8,607.01
10	Q2/2016	04/01/16	06/30/16	91	3.40%	\$ 8,607.01	\$ -	\$ 83.95	\$ 64.65	\$ 159.55	\$ 1,000.00	\$ 1,159.55	\$ 7,674.21	\$ 7,597.66
11	Q3/2016	07/01/16	09/30/16	92	3.50%	\$ 7,587.66	\$ -	\$ 83.95	\$ 66.75	\$ 150.71	\$ 1,000.00	\$ 1,150.71	\$ 7,654.41	\$ 6,503.70
12	Q4/2016	10/01/16	12/31/16	92	3.50%	\$ 6,503.70	\$ -	\$ 83.95	\$ 57.22	\$ 141.17	\$ 1,000.00	\$ 1,141.17	\$ 6,560.92	\$ 5,419.75
13	Q1/2017	01/01/17	03/31/17	90	3.50%	\$ 5,419.75	\$ -	\$ 83.95	\$ 46.77	\$ 130.72	\$ 1,000.00	\$ 1,130.72	\$ 5,466.53	\$ 4,335.80
14	Q2/2017	04/01/17	06/30/17	91	3.71%	\$ 4,335.80	\$ -	\$ 83.95	\$ 40.10	\$ 124.06	\$ 1,000.00	\$ 1,124.06	\$ 4,375.91	\$ 3,251.85
15	Q3/2017	07/01/17	09/30/17	92	3.96%	\$ 3,251.85	\$ -	\$ 83.95	\$ 32.46	\$ 116.41	\$ 1,000.00	\$ 1,116.41	\$ 3,284.31	\$ 2,167.90
16	Q4/2017	10/01/17	12/31/17	92	4.21%	\$ 2,167.90	\$ -	\$ 83.95	\$ 23.00	\$ 106.96	\$ 1,000.00	\$ 1,106.96	\$ 2,190.91	\$ 1,083.95
17	Q1/2018	01/01/18	03/31/18	90	4.25%	\$ 1,083.95	\$ -	\$ 83.95	\$ 11.36	\$ 95.31	\$ 1,000.00	\$ 1,095.31	\$ -	
						\$ 354,843.12	\$ 1,679.02	\$ 1,233.92	\$ 2,912.94	\$ 20,000.00	\$ 22,912.94	\$ 357,756.06	\$ 334,843.12	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
One-Time Costs	Payment 19	11/01/11	12/31/11	61	3.25%	\$ 20,000.00	\$ 108.63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,108.63	\$ 20,108.63
		01/01/12	03/31/12	91	3.25%	\$ 20,108.63	\$ 162.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,271.12	\$ 20,271.12
		04/01/12	06/30/12	91	3.25%	\$ 20,271.12	\$ 163.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,434.92	\$ 20,434.92
		07/01/12	09/30/12	92	3.25%	\$ 20,434.92	\$ 166.94	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,601.86	\$ 20,601.86
		10/01/12	12/31/12	92	3.25%	\$ 20,601.86	\$ 168.30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,770.17	\$ 20,770.17
		01/01/13	03/31/13	90	3.25%	\$ 20,770.17	\$ 166.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,936.61	\$ 20,936.61
		04/01/13	06/30/13	91	3.25%	\$ 20,936.61	\$ 169.64	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,106.26	\$ 21,106.26
		07/01/13	09/30/13	92	3.25%	\$ 21,106.26	\$ 172.90	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,279.16	\$ 21,279.16
		10/01/13	12/31/13	92	3.25%	\$ 21,279.16	\$ 174.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,453.47	\$ 21,453.47
01	Q1/2014	01/01/14	03/31/14	90	3.25%	\$ 21,453.47	\$ 171.92	\$ 325.08	\$ -	\$ 325.08	\$ 4,000.00	\$ 4,325.08	\$ 21,625.39	\$ 17,433.21
02	Q2/2014	04/01/14	06/30/14	91	3.25%	\$ 17,300.31	\$ -	\$ 81.27	\$ 140.18	\$ 214.45	\$ 1,000.00	\$ 1,214.45	\$ 17,449.40	\$ 16,214.94
03	Q3/2014	07/01/14	09/30/14	92	3.25%	\$ 16,214.94	\$ -	\$ 81.27	\$ 122.86	\$ 214.13	\$ 1,000.00	\$ 1,214.13	\$ 16,351.91	\$ 15,137.77
04	Q4/2014	10/01/14	12/31/14	92	3.25%	\$ 15,137.77	\$ -	\$ 81.27	\$ 124.01	\$ 205.27	\$ 1,000.00	\$ 1,205.27	\$ 15,261.78	\$ 14,056.50
05	Q1/2015	01/01/15	03/31/15	90	3.25%	\$ 14,056.50	\$ -	\$ 81.27	\$ 112.64	\$ 193.91	\$ 1,000.00	\$ 1,193.91	\$ 14,169.15	\$ 12,975.66
06	Q2/2015	04/01/15	06/30/15	91	3.25%	\$ 12,975.66	\$ -	\$ 81.27	\$ 105.13	\$ 186.40	\$ 1,000.00	\$ 1,186.40	\$ 13,080.37	\$ 11,993.97
07	Q3/2015	07/01/15	09/30/15	92	3.25%	\$ 11,993.97	\$ -	\$ 81.27	\$ 97.43	\$ 178.70	\$ 1,000.00	\$ 1,178.70	\$ 11,991.40	\$ 10,812.70
08	Q4/2015	10/01/15	12/31/15	92	3.25%	\$ 10,812.70	\$ -	\$ 81.27	\$ 88.56	\$ 169.84	\$ 1,000.00	\$ 1,169.84	\$ 10,901.27	\$ 9,731.43
09	Q1/2016	01/01/16	03/31/16	91	3.25%	\$ 9,731.43	\$ -	\$ 81.27	\$ 78.64	\$ 159.91	\$ 1,000.00	\$ 1,159.91	\$ 9,810.06	\$ 8,650.16
10	Q2/2016	04/01/16	06/30/16	91	3.46%	\$ 8,650.16	\$ -	\$ 81.27	\$ 74.41	\$ 155.68	\$ 1,000.00	\$ 1,155.68	\$ 8,724.57	\$ 7,568.89
11	Q3/2016	07/01/16	09/30/16	92	3.50%	\$ 7,568.89	\$ -	\$ 81.27	\$ 66.59	\$ 147.86	\$ 1,000.00	\$ 1,147.86	\$ 7,635.59	\$ 6,497.62
12	Q4/2016	10/01/16	12/31/16	92	3.50%	\$ 6,497.62	\$ -	\$ 81.27	\$ 57.08	\$ 139.00	\$ 1,000.00	\$ 1,139.00	\$ 6,589.69	\$ 5,406.50
13	Q1/2017	01/01/17	03/31/17	90	3.50%	\$ 5,406.50	\$ -	\$ 81.27	\$ 46.66	\$ 127.93	\$ 1,000.00	\$ 1,127.93	\$ 5,463.01	\$ 4,326.01
14	Q2/2017	04/01/17	06/30/17	91	3.71%	\$ 4,326.08	\$ -	\$ 81.27	\$ 40.01	\$ 121.27	\$ 1,000.00	\$ 1,121.27	\$ 4,365.08	\$ 3,243.81
15	Q3/2017	07/01/17	09/30/17	92	3.96%	\$ 3,243.81	\$ -	\$ 81.27	\$ 32.38	\$ 113.65	\$ 1,000.00	\$ 1,113.65	\$ 3,276.19	\$ 2,162.54
16	Q4/2017	10/01/17	12/31/17	92	4.21%	\$ 2,162.54	\$ -	\$ 81.27	\$ 22.95	\$ 104.22	\$ 1,000.00	\$ 1,104.22	\$ 2,185.49	\$ 1,081.27
17	Q1/2018	01/01/18	03/31/18	90	4.25%	\$ 1,081.27	\$ -</td							

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	09/01/09	\$ 105,000.00	\$ -	\$ -	\$ 105,000.00
	Total	\$ 3,650,000.00	\$ -	\$ 200,000.00	\$ 3,850,000.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 3,650,000.00	\$ -	\$ 200,000.00	\$ 3,850,000.00

In-Service Date:	Estimate	Actual	Comments/Notes
COD: 10/31/14	10/15/12	10/05/12	1st refund did not begin Q2 2013 as expected.

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
13	Q1/2017	01/01/17	03/31/17	90	3.50%	\$ 5,388.28	\$ -	\$ 77.06	\$ 46.48	\$ 123.53	\$ 1,000.00	\$ 1,123.53	\$ 4,308.23	
14	Q2/2017	04/01/17	06/30/17	91	3.71%	\$ 4,308.23	\$ -	\$ 77.06	\$ 39.85	\$ 116.91	\$ 1,000.00	\$ 1,116.91	\$ 4,348.07	\$ 3,231.17
15	Q3/2017	07/01/17	09/30/17	92	3.96%	\$ 3,231.23	\$ -	\$ 77.06	\$ 32.25	\$ 109.31	\$ 1,000.00	\$ 1,109.31	\$ 3,263.42	\$ 2,154.11
16	Q4/2017	10/01/17	12/31/17	92	4.21%	\$ 2,154.11	\$ -	\$ 77.06	\$ 22.86	\$ 99.91	\$ 1,000.00	\$ 1,099.91	\$ 2,176.97	\$ 1,077.06
17	Q1/2018	01/01/18	03/31/18	90	4.25%	\$ 1,077.06	\$ -	\$ 77.06	\$ 11.29	\$ 88.34	\$ 1,000.00	\$ 1,088.34	\$ 1,088.34	\$ 0.00
						\$ 352,713.33	\$ 1,541.13	\$ 1,541.13	\$ 1,226.08	\$ 2,767.20	\$ 20,000.00	\$ 22,767.20	\$ 355,480.54	\$ 332,713.33

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
One-Time Costs	Payment 21	07/01/12	03/31/12	89	3.25%	\$ 20,000.00	\$ 158.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,158.05	\$ 20,158.05
		04/01/12	06/30/12	91	3.25%	\$ 20,158.05	\$ 162.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,320.95	\$ 20,320.95
		07/01/12	09/30/12	92	3.25%	\$ 20,320.95	\$ 166.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,486.96	\$ 20,486.96
		10/01/12	12/31/12	92	3.25%	\$ 20,486.96	\$ 167.37	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,654.33	\$ 20,654.33
		01/01/13	03/31/13	90	3.25%	\$ 20,654.33	\$ 165.52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,819.84	\$ 20,819.84
		04/01/13	06/30/13	91	3.25%	\$ 20,819.84	\$ 168.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,988.54	\$ 20,988.54
		07/01/13	09/30/13	92	3.25%	\$ 20,988.54	\$ 171.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,160.47	\$ 21,160.47
		10/01/13	12/31/13	92	3.25%	\$ 21,160.47	\$ 173.34	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,333.82	\$ 21,333.82
		01/01/14	03/31/14	90	3.25%	\$ 21,333.82	\$ 170.96	\$ 300.96	\$ 400.00	\$ 4,300.96	\$ 4,300.96	\$ 4,300.96	\$ 21,504.78	\$ 17,203.82
		02/01/14	04/30/14	91	3.25%	\$ 21,504.78	\$ 173.20	\$ 139.40	\$ 214.64	\$ 1,214.64	\$ 1,214.64	\$ 1,214.64	\$ 17,343.22	\$ 16,128.58
		03/01/14	05/31/14	92	3.25%	\$ 16,128.58	\$ 163.04	\$ 127.17	\$ 207.36	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 16,260.00	\$ 15,053.35
		04/01/14	06/30/14	92	3.25%	\$ 163.04	\$ 155.85	\$ 122.31	\$ 187.55	\$ 1,199.00	\$ 1,199.00	\$ 1,199.00	\$ 17,166.85	\$ 13,978.54
		05/01/15	01/01/15	90	3.25%	\$ 13,978.54	\$ 175.24	\$ 112.02	\$ 167.00	\$ 1,187.25	\$ 1,187.25	\$ 1,187.25	\$ 14,060.12	\$ 12,327.97
		06/01/15	02/01/15	91	3.25%	\$ 12,327.97	\$ 175.24	\$ 104.55	\$ 179.79	\$ 1,179.79	\$ 1,179.79	\$ 1,179.79	\$ 13,007.42	\$ 11,827.63
		07/01/15	09/30/15	92	3.25%	\$ 11,827.63	\$ 175.24	\$ 96.89	\$ 172.13	\$ 1,172.13	\$ 1,172.13	\$ 1,172.13	\$ 11,924.52	\$ 10,752.39
		08/01/15	10/01/15	92	3.25%	\$ 10,752.39	\$ 175.24	\$ 88.08	\$ 163.32	\$ 1,163.32	\$ 1,163.32	\$ 1,163.32	\$ 10,840.47	\$ 9,677.15
		09/01/15	01/31/16	91	3.25%	\$ 9,677.15	\$ 175.24	\$ 78.20	\$ 153.44	\$ 1,153.44	\$ 1,153.44	\$ 1,153.44	\$ 9,755.35	\$ 8,601.91
		10/01/16	06/30/16	91	3.46%	\$ 8,601.91	\$ 175.24	\$ 74.00	\$ 149.24	\$ 1,149.24	\$ 1,149.24	\$ 1,149.24	\$ 8,675.91	\$ 7,526.67
		11/01/16	09/30/16	92	3.50%	\$ 7,526.67	\$ 175.24	\$ 66.22	\$ 141.46	\$ 1,141.46	\$ 1,141.46	\$ 1,141.46	\$ 7,592.89	\$ 6,451.43
		12/01/16	01/31/16	92	3.50%	\$ 6,451.43	\$ 175.24	\$ 56.76	\$ 132.00	\$ 1,132.00	\$ 1,132.00	\$ 1,132.00	\$ 6,508.19	\$ 5,376.19
		01/01/17	03/31/17	90	3.50%	\$ 5,376.19	\$ 175.24	\$ 46.40	\$ 121.64	\$ 1,121.64	\$ 1,121.64	\$ 1,121.64	\$ 5,422.59	\$ 4,300.96
		02/01/17	04/30/17	91	3.71%	\$ 4,300.96	\$ 175.24	\$ 39.78	\$ 115.02	\$ 1,115.02	\$ 1,115.02	\$ 1,115.02	\$ 4,340.74	\$ 3,225.72
		03/01/17	05/31/17	92	3.96%	\$ 3,225.72	\$ 175.24	\$ 32.20	\$ 107.44	\$ 1,107.44	\$ 1,107.44	\$ 1,107.44	\$ 3,257.91	\$ 2,150.48
		04/01/17	06/30/17	92	4.21%	\$ 2,150.48	\$ 175.24	\$ 22.82	\$ 98.06	\$ 1,096.06	\$ 1,096.06	\$ 1,096.06	\$ 2,173.30	\$ 1,075.24
		05/01/18	01/31/18	90	4.25%	\$ 1,075.24	\$ 175.24	\$ 11.27	\$ 86.51	\$ 1,086.51	\$ 1,086.51	\$ 1,086.51	\$ 0.00	
						\$ 332,155.47	\$ 1,504.78	\$ 1,504.78	\$ 1,224.01	\$ 2,728.79	\$ 20,000.00	\$ 22,728.79	\$ 334,884.25	\$ 312,155.47

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
One-Time Costs	Payment 22	02/01/12	03/31/12	60	3.25%	\$ 20,000.00	\$ 106.55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,106.55	\$ 20,106.55
		04/01/12	06/30/12	91	3.25%	\$ 20,106.55	\$ 162.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,269.03	\$ 20,269.03
		07/01/12	09/30/12	92	3.25%	\$ 20,269.03	\$ 165.59	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,434.62	\$ 20,434.62
		10/01/12	12/31/12	92	3.25%	\$ 20,434.62	\$ 166.94	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,601.55	\$ 20,601.55
		01/01/13	03/31/13	90	3.25%	\$ 20,601.55	\$ 165.59	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,767.00	\$ 20,767.00
		04/01/13	06/30/13	91	3.25%	\$ 20,767.00	\$ 168.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,934.92	\$ 20,934.92
		05/01/13	09/30/13	92	3.25%	\$ 20,934.92	\$ 171.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,106.41	\$ 21,106.41
		10/01/13	12/31/13	92	3.25%	\$ 21,106.41	\$ 172.90	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,279.31	\$ 21,279.31
		01/01/14	03/31/14	90	3.25%	\$ 21,279.31	\$ 170.53	\$ 289.97	\$ 4,000.00	\$ 4,289.97	\$ 4,289.97	\$ 4,289.97	\$ 21,449.84	\$ 17,159.87
		02/01/14	04/30/14	91	3.25%	\$ 17,159.87	\$ 172.49	\$ 139.04	\$ 211.53	\$ 1,211.53	\$ 1,211.53	\$ 1,211.53	\$ 17,298.91	\$ 16,087.38
		03/01/14	05/31/14	92	3.25%	\$ 16,087.38	\$ 172.49	\$ 131.79	\$ 204.28	\$ 1,204.28	\$ 1,204.28	\$ 1,204.28	\$ 16,219.16	\$ 15,014.88
		04/01/14	06/30/14	92	3.25%	\$ 15,014.88	\$ 172.49	\$ 123.00	\$ 195.49	\$ 1,195.49	\$ 1,195.49	\$ 1,195.49	\$ 15,137.88	\$ 13,942.39
		05/01/15	01/01/15	90	3.25%	\$ 13,942.39	\$ 172.49	\$ 111.73	\$ 184.22	\$ 1,184.22	\$ 1,184.22	\$ 1,184.22	\$ 14,054.12	\$ 12,869.90
		06/01/15	02/01/15	91	3.25%	\$ 12,869.90	\$ 172.49	\$ 104.28	\$ 176.77	\$ 1,176.77	\$ 1,176.77	\$ 1,176.77	\$ 12,974.18	\$ 11,797.41
		07/01/15	09/30/15	92	3.25%	\$ 11,797.41	\$ 172.49	\$ 96.64	\$ 169.13	\$ 1,169.13	\$ 1,169.13	\$ 1,169.13	\$ 12,142.56	\$ 9,652.95
		08/01/15	10/01/15	91	3.25%	\$ 10,652.95	\$ 172.49	\$ 87.65	\$ 161.00	\$ 1,161.00	\$ 1,161.00	\$ 1,161.00	\$ 12,219.16	\$ 8,579.95
		09/01/15	01/31/16	91	3.25%	\$ 9,579.95	\$ 172.49	\$ 76.00	\$ 150.49	\$ 1,150.49	\$ 1,150.49	\$ 1,150.49	\$ 9,730.42	\$ 8,653.75
		10/01/15	06/30/16	91	3.46%	\$ 8,579.95	\$ 172.49	\$ 73.81	\$ 146.30	\$ 1,146.30	\$ 1,146.30	\$ 1,146.30	\$ 7,507.44	
		11/01/15	09/30/16	92	3.50%	\$ 7,507.44	\$ 172.49	\$ 66.05	\$ 138.54	\$ 1,138.54	\$ 1,138.54	\$ 1,138.54	\$ 7,573.49	\$ 6,434.95
		12/01/15	01/31/16	92	3.50%	\$ 6,434.95	\$ 172.49	\$ 56.61	\$ 129.11	\$ 1,129.11	\$ 1,129.11	\$ 1,129.11	\$ 6,491.56	\$ 5,362.46
		01/01/17	03/31/17	90	3.50%	\$ 5,362.46	\$ 172.49	\$ 46.28	\$ 118.77	\$ 1,118.77	\$ 1			

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	09/01/09	\$ 105,000.00	\$ -	\$ -	\$ 105,000.00
	Total	\$ 3,650,000.00	\$ -	\$ 200,000.00	\$ 3,850,000.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 3,650,000.00	\$ -	\$ 200,000.00	\$ 3,850,000.00

In-Service Date:	Estimate	Actual	Comments/Notes
COD: 10/31/14	10/15/12	10/05/12	1st refund did not begin Q2 2013 as expected.
	04/25/13		Payment made in Q1 2014 includes 4 payments: Q2 2013 through Q1 2014 refunds

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)
10	Q2/2016	04/01/16	06/30/16	91	3.48%	\$ 8,557.20	\$ -	\$ 69.65	\$ 73.62	\$ 143.27	\$ 1,000.00	\$ 1,143.27	\$ 8,630.81	\$ 7,487.55
11	Q3/2016	07/01/16	09/30/16	92	3.50%	\$ 7,487.25	\$ -	\$ 69.65	\$ 65.87	\$ 135.52	\$ 1,000.00	\$ 1,135.52	\$ 7,553.42	\$ 6,417.90
12	Q4/2016	10/01/16	12/31/16	92	3.50%	\$ 6,417.95	\$ -	\$ 69.65	\$ 56.46	\$ 126.11	\$ 1,000.00	\$ 1,126.11	\$ 6,474.36	\$ 5,348.25
13	Q1/2017	01/01/17	03/31/17	90	3.50%	\$ 5,348.25	\$ -	\$ 69.65	\$ 46.16	\$ 115.81	\$ 1,000.00	\$ 1,115.81	\$ 5,394.41	\$ 4,278.60
14	Q2/2017	04/01/17	06/30/17	91	3.71%	\$ 4,276.60	\$ -	\$ 69.65	\$ 39.58	\$ 109.23	\$ 1,000.00	\$ 1,109.23	\$ 4,318.17	\$ 3,208.95
15	Q3/2017	07/01/17	09/30/17	92	3.96%	\$ 3,208.95	\$ -	\$ 69.65	\$ 32.03	\$ 101.68	\$ 1,000.00	\$ 1,101.68	\$ 3,240.98	\$ 2,139.30
16	Q4/2017	10/01/17	12/31/17	92	4.21%	\$ 2,139.30	\$ -	\$ 69.65	\$ 22.70	\$ 92.35	\$ 1,000.00	\$ 1,092.35	\$ 2,162.00	\$ 1,069.65
17	Q1/2018	01/01/18	03/31/18	90	4.25%	\$ 1,065.65	\$ -	\$ 69.65	\$ 11.21	\$ 80.86	\$ 1,000.00	\$ 1,080.86	\$ 1,080.86	\$ 0.00
						\$ 330,532.88	\$ 1,393.00	\$ 1,393.00	\$ 1,217.64	\$ 2,610.64	\$ 20,000.00	\$ 22,610.64	\$ 333,143.53	\$ 310,532.88

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance
01	Q1/2014	01/01/14	03/31/14	90	3.25%	\$ 20,000.00	\$ 3.55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,003.55	\$ 20,003.55
02	Q2/2014	04/01/14	06/30/14	91	3.25%	\$ 20,023.55	\$ 161.64	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,165.19	\$ 20,165.19
03	Q3/2014	07/01/14	09/30/14	92	3.25%	\$ 20,165.19	\$ 164.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,329.93	\$ 20,329.93
04	Q4/2014	10/01/14	12/31/14	92	3.25%	\$ 20,329.93	\$ 166.08	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,496.01	\$ 20,496.01
05	Q1/2015	01/01/15	03/31/15	90	3.25%	\$ 20,496.01	\$ 164.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,660.26	\$ 20,660.26
06	Q2/2015	04/01/15	06/30/15	91	3.25%	\$ 20,660.26	\$ 167.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,827.67	\$ 20,827.67
07	Q3/2015	07/01/15	09/30/15	92	3.25%	\$ 20,827.67	\$ 170.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,989.28	\$ 20,989.28
08	Q4/2015	10/01/15	12/31/15	92	3.25%	\$ 20,989.28	\$ 172.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,170.30	\$ 21,170.30
09	Q1/2016	01/01/16	03/31/16	90	3.25%	\$ 21,170.30	\$ 169.65	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,339.95	\$ 17,087.65
10	Q2/2016	04/01/16	06/30/16	91	3.25%	\$ 21,339.95	\$ 170.77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,509.72	\$ 17,087.65
11	Q3/2016	07/01/16	09/30/16	92	3.25%	\$ 21,509.72	\$ 172.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,681.73	\$ 17,087.65
12	Q4/2016	10/01/16	12/31/16	92	3.25%	\$ 21,681.73	\$ 173.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,854.98	\$ 17,087.65
13	Q1/2017	01/01/17	03/31/17	90	3.50%	\$ 21,854.98	\$ 174.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,029.47	\$ 17,087.65
14	Q2/2017	04/01/17	06/30/17	91	3.71%	\$ 21,854.98	\$ 175.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,200.99	\$ 17,087.65
15	Q3/2017	07/01/17	09/30/17	92	3.96%	\$ 21,920.99	\$ 176.97	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,393.98	\$ 17,087.65
16	Q4/2017	10/01/17	12/31/17	92	4.21%	\$ 21,920.99	\$ 178.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,606.86	\$ 17,087.65
17	Q1/2018	01/01/18	03/31/18	90	4.25%	\$ 21,920.99	\$ 179.38	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,808.84	\$ 17,087.65
						\$ 329,762.85	\$ 1,339.95	\$ 1,339.95	\$ 1,214.63	\$ 2,554.57	\$ 20,000.00	\$ 22,554.57	\$ 332,317.42	\$ 309,762.85

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance
01	Q1/2014	01/01/14	03/31/14	90	3.25%	\$ 21,084.50	\$ 169.65	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,253.46	\$ 17,002.77
02	Q2/2014	04/01/14	06/30/14	91	3.25%	\$ 21,253.46	\$ 170.77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,423.40	\$ 15,940.10
03	Q3/2014	07/01/14	09/30/14	92	3.25%	\$ 21,423.40	\$ 171.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,593.25	\$ 14,877.43
04	Q4/2014	10/01/14	12/31/14	92	3.25%	\$ 21,593.25	\$ 173.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,763.10	\$ 13,814.75
05	Q1/2015	01/01/15	03/31/15	90	3.25%	\$ 21,763.10	\$ 174.19	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,932.95	\$ 12,752.08
06	Q2/2015	04/01/15	06/30/15	91	3.25%	\$ 21,932.95	\$ 175.33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,102.80	\$ 11,684.40
07	Q3/2015	07/01/15	09/30/15	92	3.25%	\$ 21,932.80	\$ 176.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,272.67	\$ 10,526.73
08	Q4/2015	10/01/15	12/31/15	92	3.25%	\$ 21,932.67	\$ 177.61	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,442.54	\$ 9,385.00
09	Q1/2016	01/01/16	03/31/16	90	3.25%	\$ 21,932.54	\$ 178.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,612.41	\$ 8,247.73
10	Q2/2016	04/01/16	06/30/16	91	3.46%	\$ 21,932.41	\$ 180.89	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,782.28	\$ 7,105.44
11	Q3/2016	07/01/16	09/30/16	92	3.50%	\$ 21,932.28	\$ 182.03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,952.15	\$ 5,964.06
12	Q4/2016	10/01/16	12/31/16	92	3.50%	\$ 21,932.15	\$ 183.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,121.98	\$ 4,824.75
13	Q1/2017	01/01/17	03/31/17	90	3.50%	\$ 21,932.08	\$ 184.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,290.85	\$ 3,682.44
14	Q2/2017	04/01/17	06/30/17	91	3.71%	\$ 21,932.08	\$ 185.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,459.72	\$ 3,188.02
15	Q3/2017	07/01/17	09/30/17	92	3.96%	\$ 21,932.08	\$ 186.59	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,628.59	\$ 2,147.90
16	Q4/2017	10/01/17	12/31/17	92	4.21%	\$ 21,932.08	\$ 187.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,797.46	\$ 1,062.67
17	Q1/2018	01/01/18	03/31/18	90	4.25%	\$ 21,932.08	\$ 188.87	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,966.33	\$ 0.00
						\$ 308,585.00	\$ 1,253.46	\$ 1,253.46	\$ 1,209.70	\$ 2,463.17	\$ 20,000.00	\$ 22,463.17	\$ 311,048.17	\$ 288,585.00

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (3) = (3)	Running Balance
01	Q1/2014	01/01/14	03/31/14	90	3.25%	\$ 20,000.00	\$ 23.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,023.98	\$ 10,233.98
02	Q2/2014	04/01/14	06/30/14	91	3.25%	\$ 20,023.98	\$ 81.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,105.87	\$ 10,105.87
03	Q3/2014	07/01/14	09/30/14	92	3.25%	\$ 20,105.87	\$ 82.56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,188.42	\$ 10,188.42
04	Q4/2014	10/01/14	12/31/14	92	3.25%	\$ 20,188.42	\$ 81.65	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,270.07	\$ 10,270.07
05	Q1/2015	01/01/15	03/31/15	90	3.25%	\$ 20,270.07	\$ 83.22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,353.29	\$ 10,353.29
06	Q2/2015	04/01/15	06/30/15	91	3.25%	\$ 20,353.29	\$ 84.81	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,438.70	\$ 10,438.70
07	Q3/2015	07/01/15	09/30											

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	09/01/09	\$ 105,000.00	\$ -	\$ -	\$ 105,000.00
	Total	\$ 3,650,000.00	\$ -	\$ 200,000.00	\$ 3,850,000.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ 3,650,000.00	\$ -	\$ 200,000.00	\$ 3,850,000.00

In-Service Date:	Estimate	Actual	Comments/Notes
COD:	10/31/14	04/25/13	Payment made in Q1 2014 includes 4 payments: Q2 2013 through Q1 2014 refunds

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	One-Time Costs (Summary)													
													Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)												
09	Q1/2016	01/01/16	03/31/16	91	3.25%	\$ 4,773.57	\$ -	\$ 30.40	\$ 38.57	\$ 69.97	\$ 500.00	\$ 568.97	\$ 4,812.15	\$ 4,243.18												
10	Q2/2016	04/01/16	06/30/16	91	3.46%	\$ 4,243.18	\$ -	\$ 30.40	\$ 36.50	\$ 66.90	\$ 500.00	\$ 568.90	\$ 3,749.68	\$ 3,712.78												
11	Q3/2016	07/01/16	09/30/16	92	3.50%	\$ 3,712.18	\$ -	\$ 30.40	\$ 32.66	\$ 63.06	\$ 500.00	\$ 563.06	\$ 3,745.44	\$ 3,182.38												
12	Q4/2016	10/01/16	12/31/16	92	3.50%	\$ 3,182.38	\$ -	\$ 30.40	\$ 28.00	\$ 58.39	\$ 500.00	\$ 558.39	\$ 3,210.38	\$ 2,651.98												
13	Q1/2017	01/01/17	03/31/17	90	3.50%	\$ 2,651.98	\$ -	\$ 30.40	\$ 22.89	\$ 53.28	\$ 500.00	\$ 553.28	\$ 2,674.87	\$ 2,121.59												
14	Q2/2017	04/01/17	06/30/17	91	3.71%	\$ 2,121.59	\$ -	\$ 30.40	\$ 19.62	\$ 50.02	\$ 500.00	\$ 550.02	\$ 2,141.21	\$ 1,591.19												
15	Q3/2017	07/01/17	09/30/17	92	3.96%	\$ 1,591.19	\$ -	\$ 30.40	\$ 15.88	\$ 46.28	\$ 500.00	\$ 546.28	\$ 1,607.07	\$ 1,060.79												
16	Q4/2017	10/01/17	12/31/17	92	4.21%	\$ 1,060.79	\$ -	\$ 30.40	\$ 11.26	\$ 41.65	\$ 500.00	\$ 541.65	\$ 1,072.05	\$ 530.40												
17	Q1/2018	01/01/18	03/31/18	90	4.25%	\$ 530.40	\$ -	\$ 30.40	\$ 5.56	\$ 35.96	\$ 500.00	\$ 535.96	\$ 0.00													
						\$ 154,037.31	\$ 607.84	\$ 607.84	\$ 603.78	\$ 1,211.72	\$ 10,000.00	\$ 11,211.72	\$ 155,249.03	\$ 144,037.31												
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Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	One-Time Costs (Summary)													
													Total Due (1) + (2) + (3) = (3)	Running Balance (3) - (E)												
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Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
01	02/01/12	\$ 2,283.00	\$ -	\$ -	\$ 2,283.00
Total		\$ 746,385.00	\$ -	\$ -	\$ 746,385.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
Grand Total		\$ 746,385.00	\$ -	\$ -	\$ 746,385.00

In-Service Date:	Estimate	Actual	Comments/Notes
COD:	01/01/13	06/18/12	1st refund did not start Q4 2013 as planned.
	05/01/13	11/27/13	Q1 2014 refund included first and second refunds.

Already like this, do not change end dates in red.

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest		Accrued Interest		Quarterly Interest		Total Interest Refund (A) + (B) = (C)		Principal Refund (D)		Total Refund (C) + (D) = (E)		Total Due (1) + (2) + (B) = (3)		Running Balance (3) - (E)				
								Refund (A)	Refund (B)	Refund (A)	Refund (B)	Refund (A) + (B) = (C)	Refund (D)	Refund (C) + (D) = (E)	Refund (A)	Refund (B)	Refund (A) + (B) = (C)	Refund (D)	Refund (C) + (D) = (E)	Refund (A)	Refund (B)	Refund (A) + (B) = (C)	Refund (D)	Refund (C) + (D) = (E)		
01	Q1/2014	01/01/14	03/31/14	90	3.250%	\$ 784,491.98	\$ 861.61	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 747,246.61	\$ 747,246.61	\$ -	\$ -	\$ -		
02	Q2/2014	04/01/14	04/02/14	2	3.250%	\$ 745,267.38	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 753,351.16	\$ 753,351.16	\$ -	\$ -	\$ -		
03	Q2/2014	04/03/14	06/30/14	89	3.250%	\$ 706,042.78	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 759,505.59	\$ 759,505.59	\$ -	\$ -	\$ -		
04	Q3/2014	07/01/14	09/30/14	92	3.250%	\$ 706,042.78	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 765,692.04	\$ 765,692.04	\$ -	\$ -	\$ -		
05	Q4/2014	10/01/14	12/31/14	92	3.250%	\$ 666,818.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 771,795.43	\$ 771,795.43	\$ -	\$ -	\$ -		
06	Q1/2015	01/01/15	03/31/15	90	3.250%	\$ 627,593.58	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 778,117.81	\$ 778,117.81	\$ -	\$ -	\$ -		
07	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 588,368.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 784,491.98	\$ 784,491.98	\$ -	\$ -	\$ -		
08	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 549,144.39	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 553,642.86	\$ 553,642.86	\$ -	\$ -	\$ -		
09	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 509,919.79	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 514,096.94	\$ 514,096.94	\$ -	\$ -	\$ -		
10	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 470,695.19	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 474,498.69	\$ 474,498.69	\$ -	\$ -	\$ -		
11	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 431,470.59	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 435,182.41	\$ 435,182.41	\$ -	\$ -	\$ -		
12	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 392,245.99	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 395,696.90	\$ 395,696.90	\$ -	\$ -	\$ -		
13	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 353,021.39	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 356,127.21	\$ 356,127.21	\$ -	\$ -	\$ -		
14	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 313,796.79	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 316,504.90	\$ 316,504.90	\$ -	\$ -	\$ -		
15	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 274,572.19	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 277,111.87	\$ 277,111.87	\$ -	\$ -	\$ -		
16	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ 235,347.59	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 237,696.89	\$ 237,696.89	\$ -	\$ -	\$ -		
17	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ 196,122.99	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 198,204.16	\$ 198,204.16	\$ -	\$ -	\$ -		
18	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ 156,898.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 158,542.60	\$ 158,542.60	\$ -	\$ -	\$ -		
19	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ 117,673.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 118,985.20	\$ 118,985.20	\$ -	\$ -	\$ -		
20	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ 78,449.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 79,376.57	\$ 79,376.57	\$ -	\$ -	\$ -		
						\$ 14,225,977.59	\$ 38,106.98	\$ 69,366.17	\$ 107,473.15	\$ 746,385.00	\$ 853,858.15	\$ 14,333,450.74	\$ 13,479,592.59													
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest (A)	Accrued Interest (B)	Quarterly Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Principal Refund (E)	Total Refund (C) + (D) = (E)	Total Due (1) + (2) + (B) = (3)	Total Due (3)	Running Balance (3) - (E)								

Payment #	Date Payment Received	One-Time Cost				Total Cost
		Facility Cost	ITCC	-	-	
01	07/31/12	\$ 1,034.00	\$ -	\$ -	\$ -	\$ 1,034.00
02	08/06/12	\$ 3,035.00	\$ -	\$ -	\$ -	\$ 3,035.00
03	10/02/12	\$ 5,076.00	\$ -	\$ -	\$ -	\$ 5,076.00
04	12/18/12	\$ 14,232.00	\$ -	\$ -	\$ -	\$ 14,232.00
05	03/18/13	\$ 19,354.00	\$ -	\$ -	\$ -	\$ 19,354.00
06	05/09/13	\$ 28,492.00	\$ -	\$ -	\$ -	\$ 28,492.00
07	08/07/13	\$ 75,571.00	\$ -	\$ -	\$ -	\$ 75,571.00
08	12/13/13	\$ 255,512.00	\$ -	\$ -	\$ -	\$ 255,512.00
09	01/29/14	\$ 75,497.00	\$ -	\$ -	\$ -	\$ 75,497.00
10	03/07/14	\$ 35,744.00	\$ -	\$ -	\$ -	\$ 35,744.00
11	03/28/14	\$ 30,622.00	\$ -	\$ -	\$ -	\$ 30,622.00
12	04/21/14	\$ 15,351.00	\$ -	\$ -	\$ -	\$ 15,351.00
13	05/19/14	\$ 4,064.00	\$ -	\$ -	\$ -	\$ 4,064.00
14	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
15	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
16	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
17	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
18	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
19	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
20	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
	Total	\$ 563,584.00	\$ -	\$ -	\$ -	\$ 563,584.00

True Up 1
True Up 2

N/A
N/A
Grand Total **\$ 563,584.00** **\$ -** **\$ -** **\$ 563,584.00**

In-Service Date:	Estimate	Actual	Comments/Notes	
	05/01/16	03/16/16	OC4, non-phased	
COD:	10/11/16	10/18/16	Refunds started Q4 2016; True-up Q2 2017	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Due (2)	Accrued Interest	Facility Cost 01				Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)	
									Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
N/A	Q1/2016	03/16/16	03/31/16	16	3.250%	\$ 563,584.00	\$ 800.72	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 564,384.72	\$ 564,384.72
N/A	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 564,384.72	\$ 4,855.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 569,239.97	\$ 569,239.97
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 569,239.97	\$ 5,008.07	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 574,248.04	\$ 574,248.04
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 574,248.04	\$ 5,052.13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 579,300.17	\$ 579,300.17
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 579,300.17	\$ 4,999.44	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 584,299.61	\$ 584,299.61
01	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 584,299.61	\$ 5,404.53	\$ 26,120.14	\$ -	\$ 26,120.14	\$ 563,584.00	\$ 589,704.14	\$ 589,704.14	\$ -	\$ 589,704.14
						\$ 3,435,056.50	\$ 26,120.14	\$ 26,120.14	\$ -	\$ 26,120.14	\$ 563,584.00	\$ 589,704.14	\$ 3,461,176.64	\$ 2,871,472.50	

Payment #	Date Received	Facility Cost	ITCC	One-Time Cost	Total Cost
	Total	\$ 2,101.00	\$ -	\$ 36,743.00	\$ 38,844.00
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -
Grand Total		\$ 2,101.00	\$ -	\$ 36,743.00	\$ 38,844.00

In-Service Date:	Estimate	Actual	Comments/Notes
In-Service Date:	True-Up:	12/16/16	05/11/17

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Facility Cost 01					Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
N/A	Q4/2016	11/22/16	12/31/16	40	3.500%	\$ 2,101.00	\$ 8.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,109.04	\$ 2,109.04
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 2,109.04	\$ 18.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,127.24	\$ 2,127.24
01	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 2,127.24	\$ 19.68	\$ 45.91	\$ -	\$ 45.91	\$ 2,101.00	\$ 2,146.91	\$ 2,146.91	\$ -
						\$ 6,337.27	\$ 45.91	\$ 45.91	\$ -	\$ 45.91	\$ 2,101.00	\$ 2,146.91	\$ 6,383.19	\$ 4,236.27
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	One-Time Cost 01					Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
N/A	Q2/2016	05/11/16	06/30/16	51	3.460%	\$ 29,637.44	\$ 142.89	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,780.33	\$ 29,780.33
N/A	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 29,780.33	\$ 262.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,042.33	\$ 30,042.33
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 30,042.33	\$ 264.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,306.64	\$ 30,306.64
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 30,306.64	\$ 261.55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,568.19	\$ 30,568.19
01	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 30,568.19	\$ 282.74	\$ 11.87	\$ -	\$ 11.87	\$ 29,637.44	\$ 29,649.30	\$ 30,850.93	\$ 1,201.63
						\$ 150,334.91	\$ 1,213.49	\$ 11.87	\$ -	\$ 11.87	\$ 29,637.44	\$ 29,649.30	\$ 151,548.41	\$ 121,899.11
Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	One-Time Cost 02					Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)		
N/A	Q3/2016	07/27/16	09/30/16	66	3.500%	\$ 7,105.56	\$ 44.85	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,150.41	\$ 7,150.41
N/A	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 7,150.41	\$ 62.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,213.32	\$ 7,213.32
N/A	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 7,213.32	\$ 62.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,275.57	\$ 7,275.57
01	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 7,275.57	\$ 67.30	\$ 237.30	\$ -	\$ 237.30	\$ 7,105.56	\$ 7,342.87	\$ 7,342.87	\$ -
						\$ 28,744.86	\$ 237.30	\$ 237.30	\$ -	\$ 237.30	\$ 7,105.56	\$ 7,342.87	\$ 28,982.17	\$ 21,639.30

Payment #	Date Received	Facility Cost		One-Time Cost		Total Cost
		ITCC				
01	05/26/11	\$ 1,266,201.00	\$ -	\$ -	\$ 1,266,201.00	
	Total	\$ 1,266,201.00	\$ -	\$ -	\$ 1,266,201.00	
True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	
	Grand Total	\$ 1,266,201.00	\$ -	\$ -	\$ 1,266,201.00	

In-Service Date:	Estimate	Actual	Comments/Notes
COD:	11/19/14	11/19/14	1st payment not completed in Q4 2014 as expected
Accrued Interest:	12/31/14	12/31/14	Two payments completed in Q1 2015. First completed on 01/31/2015.
04/08/13	01/28/99	Already existed. Leave red dates as is.	

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund					Quarterly Interest Refund					Total Interest Refund					Total Due		Running Balance		
								(A)	(B)	(C) = (A) + (B)	(D)	(E) = (C) + (D)	(F)	(G)	(H) = (F) + (G)	(I)	(J)	(K) = (I) + (J)	(L)	(M)	(N) = (L) + (M)	(O)	(P)	(Q) = (O) + (P)	(R)	(S) = (Q) + (R)	
	Facility Cost	11/19/14	12/31/14	43	3.250%	\$ 1,266,201.00	\$ 4,847.99	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,271,048.99	\$ 1,271,048.99			
01	Q1/2015	01/01/15	01/31/15	31	3.250%	\$ 1,271,048.99	\$ -	\$ 242.40	\$ 3,508.44	\$ 3,750.84	\$ 63,310.05	\$ 67,060.89	\$ 1,274,557.43	\$ 1,207,496.54													
02	Q1/2015	02/01/15	03/31/15	59	3.250%	\$ 1,207,496.54	\$ -	\$ 242.40	\$ 6,343.49	\$ 6,585.89	\$ 63,310.05	\$ 69,895.94	\$ 1,213,840.03	\$ 1,143,944.09													
03	Q2/2015	04/01/15	06/30/15	91	3.250%	\$ 1,143,944.09	\$ -	\$ 242.40	\$ 9,269.08	\$ 9,511.48	\$ 63,310.05	\$ 72,821.53	\$ 1,153,213.17	\$ 1,080,391.64													
04	Q3/2015	07/01/15	09/30/15	92	3.250%	\$ 1,080,391.64	\$ -	\$ 242.40	\$ 8,850.33	\$ 9,092.73	\$ 63,310.05	\$ 72,402.78	\$ 1,089,241.97	\$ 1,016,839.19													
05	Q4/2015	10/01/15	12/31/15	92	3.250%	\$ 1,016,839.19	\$ -	\$ 242.40	\$ 8,329.72	\$ 8,572.12	\$ 63,310.05	\$ 71,882.17	\$ 1,025,168.91	\$ 953,286.74													
06	Q1/2016	01/01/16	03/31/16	91	3.250%	\$ 953,286.74	\$ -	\$ 242.40	\$ 7,703.13	\$ 7,945.53	\$ 63,310.05	\$ 71,255.58	\$ 960,989.87	\$ 889,734.29													
07	Q2/2016	04/01/16	06/30/16	91	3.460%	\$ 889,734.29	\$ -	\$ 242.40	\$ 7,654.15	\$ 7,896.55	\$ 63,310.05	\$ 71,206.60	\$ 897,388.44	\$ 826,181.84													
08	Q3/2016	07/01/16	09/30/16	92	3.500%	\$ 826,181.84	\$ -	\$ 242.40	\$ 7,268.59	\$ 7,510.99	\$ 63,310.05	\$ 70,821.04	\$ 833,450.44	\$ 762,629.39													
09	Q4/2016	10/01/16	12/31/16	92	3.500%	\$ 762,629.39	\$ -	\$ 242.40	\$ 6,709.47	\$ 6,951.87	\$ 63,310.05	\$ 70,261.92	\$ 769,338.86	\$ 699,076.94													
10	Q1/2017	01/01/17	03/31/17	90	3.500%	\$ 699,076.94	\$ -	\$ 242.40	\$ 6,033.13	\$ 6,275.53	\$ 63,310.05	\$ 69,585.58	\$ 705,110.07	\$ 635,524.49													
11	Q2/2017	04/01/17	06/30/17	91	3.710%	\$ 635,524.49	\$ -	\$ 2,423.99	\$ 5,878.34	\$ 8,302.33	\$ 633,100.50	\$ 641,402.83	\$ (0.00)														
12	Q3/2017	07/01/17	09/30/17	92	3.960%	\$ (0.00)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.00)	\$ (0.00)			
13	Q4/2017	10/01/17	12/31/17	92	4.210%	\$ (0.00)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.00)	\$ (0.00)			
14	Q1/2018	01/01/18	03/31/18	90	4.250%	\$ (0.00)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.00)	\$ (0.00)			
15	Q2/2018	04/01/18	06/30/18	91	4.470%	\$ (0.00)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.00)	\$ (0.00)			
16	Q3/2018	07/01/18	09/30/18	92	4.690%	\$ (0.00)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.00)	\$ (0.00)			
17	Q4/2018	10/01/18	12/31/18	92	4.960%	\$ (0.00)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.00)	\$ (0.00)			
18	Q1/2019	01/01/19	03/31/19	90	5.180%	\$ (0.00)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.00)	\$ (0.00)			
19	Q2/2019	04/01/19	06/30/19	91	5.450%	\$ (0.00)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.00)	\$ (0.00)			
20	Q3/2019	07/01/19	09/30/19	92	6.013%	\$ (0.00)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.00)	\$ (0.00)			

\$ 11,752,355.16 \$ 4,847.99 \$ 4,847.99 \$ 77,547.88 \$ 82,395.87 \$ 1,266,201.00 \$ 1,348,596.87 \$ 11,834,751.03 \$ 10,486,154.16

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Accrued Interest Refund					Quarterly Interest Refund					Total Interest Refund					Total Due		Running Balance	
								(A)	(B)	(C) = (A) + (B)	(D)	(E) = (C) + (D)	(F)	(G)	(H) = (F) + (G)	(I)	(J)	(K) = (I) + (J)	(L)	(M)	(N) = (L) + (M)	(O)	(P)	(Q) = (O) + (P)	(R)	(S) = (Q) + (R)
		05/26/11	06/30/11	36	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
07	01/11	09/30/11	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
10	01/11	12/31/11	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
01	01/12	03/31/12	91	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
04	01/12	06/30/12	91	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
07	01/12	09/30/12	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
10	01/12	12/31/12	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
01	01/13	03/31/13	90	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
04	01/13	06/30/13	91	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
07	01/13	09/30/13	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
10	01/13	12/31/13	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
01	01/14	03/31/14	90	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
04	01/14	06/30/14	91	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
07	01/14	09/30/14	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
10	01/14	12/31/14	92	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
01	01/15	03/31/15	90	3.250%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
04	01/15	06/30/15	91	3.250%	\$ -	\$ -</																				

Payment #	Date Payment Received	One-Time Cost			Refund #	Period	Facility Cost Accrued Interest	Facility Cost Quarterly Interest	Facility Cost Total Interest	Facility Cost Principal Refund	Facility Cost Total Refund
		Facility Cost	ITCC	Total Cost							
01	11/19/12	\$ 15,000.00	\$ -	\$ -	\$ 15,000.00	01	Q3/2017	\$ 22.78	\$ -	\$ 22.78	\$ 15,000.00
	Total	\$ 15,000.00	\$ -	\$ -	\$ 15,000.00			\$ 22.78	\$ -	\$ 22.78	\$ 15,000.00

True Up 1	N/A	\$ -	\$ -	\$ -	\$ -	-	Estimate	Actual	Comments/Notes		
True Up 2	N/A	\$ -	\$ -	\$ -	\$ -	-	In-Service Date:	06/01/16	04/04/16		
	Grand Total	\$ 15,000.00	\$ -	\$ -	\$ 15,000.00		COD:	01/01/19	01/01/19		

Refund #	Period	Start Date	End Date	Days	APR Interest Rate (%)	Principal Due (1)	Accrued Interest Due (2)	Facility Cost 01				Total Due (1) + (2) + (B) = (3)	Running Balance (3) - (E)
								Accrued Interest Refund (A)	Quarterly Interest Refund (B)	Total Interest Refund (A) + (B) = (C)	Principal Refund (D)	Total Refund (C) + (D) = (E)	
N/A	Q2/2016	04/04/16	06/30/16	88	0.000%	\$ 15,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000.00	\$ 15,000.00
N/A	Q3/2016	07/01/16	09/30/16	92	0.000%	\$ 15,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000.00	\$ 15,000.00
N/A	Q4/2016	10/01/16	12/31/16	92	0.000%	\$ 15,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000.00	\$ 15,000.00
N/A	Q1/2017	01/01/17	03/31/17	90	0.000%	\$ 15,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000.00	\$ 15,000.00
N/A	Q2/2017	04/01/17	06/30/17	91	0.000%	\$ 15,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000.00	\$ 15,000.00
01	Q3/2017	07/01/17	07/14/17	14	3.960%	\$ 15,000.00	\$ 22.78	\$ 22.78	\$ -	\$ 22.78	\$ 15,000.00	\$ 15,022.78	\$ 15,022.78
						\$ 90,000.00	\$ 22.78	\$ 22.78	\$ 22.78	\$ 15,000.00	\$ 15,022.78	\$ 90,022.78	\$ 75,000.00

End Date Range	Rate	Status
03/31/05	4.750%	Actual
06/30/05	5.300%	Actual
09/30/05	5.770%	Actual
12/31/05	6.230%	Actual
03/31/06	6.780%	Actual
06/30/06	7.300%	Actual
09/30/06	7.740%	Actual
12/31/06	8.170%	Actual
03/31/07	8.250%	Actual
06/30/07	8.250%	Actual
09/30/07	8.250%	Actual
12/31/07	8.250%	Actual
03/31/08	7.760%	Actual
06/30/08	6.770%	Actual
09/30/08	5.300%	Actual
12/31/08	5.000%	Actual
03/31/09	4.520%	Actual
06/30/09	3.370%	Actual
09/30/09	3.250%	Actual
12/31/09	3.250%	Actual
03/31/10	3.250%	Actual
06/30/10	3.250%	Actual
09/30/10	3.250%	Actual
12/31/10	3.250%	Actual
03/31/11	3.250%	Actual
06/30/11	3.250%	Actual
09/30/11	3.250%	Actual
12/31/11	3.250%	Actual
03/31/12	3.250%	Actual
06/30/12	3.250%	Actual
09/30/12	3.250%	Actual
12/31/12	3.250%	Actual
03/31/13	3.250%	Actual
06/30/13	3.250%	Actual
09/30/13	3.250%	Actual
12/31/13	3.250%	Actual
03/31/14	3.250%	Actual
06/30/14	3.250%	Actual
09/30/14	3.250%	Actual
12/31/14	3.250%	Actual
03/31/15	3.250%	Actual
06/30/15	3.250%	Actual
09/30/15	3.250%	Actual
12/31/15	3.250%	Actual
03/31/16	3.250%	Actual
06/30/16	3.460%	Actual
09/30/16	3.500%	Actual
12/31/16	3.500%	Actual
03/31/17	3.500%	Actual
06/30/17	3.710%	Actual
09/30/17	3.960%	Actual
12/31/17	4.210%	Actual
03/31/18	4.250%	Actual
06/30/18	4.470%	Actual
09/30/18	4.690%	Actual
12/31/18	4.960%	Actual
03/31/19	5.180%	Actual
06/30/19	5.450%	Actual
09/30/19	6.013%	Estimate
12/31/19	6.251%	Estimate
03/31/20	6.284%	Estimate
06/30/20	6.502%	Estimate
09/30/20	6.501%	Estimate
12/31/20	6.502%	Estimate

SCHEDULE 25 WORKPAPERS

1 EPRI/EEI Expenses Reflected in Formula Rate

	EEI	EPRI	Total
FERC Acct 560	7,500	60,000	67,500
FERC Acct 921	36,360		36,360
FERC Acct 930	1,516,505		1,516,505
Total	1,560,365	60,000	1,620,365

2 EPRI & EEI Dues Recording to FERC Account 560

Total EPRI & EEI in FERC Account 560	A	67,500
ISO Allocator (Schedule 19)	B	37.1%
Amount Allocated to ISO Transmission Through Schedule 19	C=A*B	25,023

3 EPRI & EEI Dues Recording to FERC Account 560 - Exclusion From Wholesale Rates

Total EPRI & EEI in FERC Account 560	D=A	67,500
Labor Allocator	E	5.903%
Amount excluded from wholesale rates through Schedule 25, Line 31	F=D*E	3,985
Remaining amount to be excluded thought Schedule 25, Line 37	G=C-F	21,039
Total amount excluded from wholesale rates	H=C=F+G	25,023

SCHEDULE 27

ISO ALLOCATORS

WORKPAPERS

ISO ALLOCATORS

SCE Maintained Line Miles by Voltage - as of December 31, 2018

Overhead Line Miles

Voltage	Line Miles		ISO Line Miles		Non-ISO Line Miles	
	Total Miles		Total Miles	%	Total Miles	%
500	1,632		1,632	100.0%	-	0.0%
220	3,669		3,317	90.4%	353	9.6%
161	53		53	100.0%	-	0.0%
115	1,820		607	33.4%	1,213	66.6%
66/55/33	4,985		94	1.9%	4,891	98.1%
	12,159		5,702	46.9%	6,457	53.1%

Underground Line Miles

Voltage	Underground		ISO Line Miles		Non-ISO Line Miles	
	Total		Total Miles	%	Total Miles	%
500	4		4	100.0%	-	0.0%
220	1		1	100.0%	-	0.0%
161	-		-	0.0%	-	0.0%
115	14		0	1.6%	14	98.4%
66/55/33	345		-	0.0%	345	100.0%
	363		5	1.3%	358	98.7%

Total SCE Line Miles

Voltage	Total Miles		ISO Line Miles		Non-ISO Line Miles	
	Total		Total Miles	%	Total Miles	%
500	1,635		1,635	100.0%	-	0.0%
220	3,670		3,318	90.4%	353	9.6%
161	53		53	100.0%	-	0.0%
115	1,834		608	33.1%	1,227	66.9%
66/55/33	5,330		94	1.8%	5,236	98.2%
	12,522		5,707	45.6%	6,815	54.4%

All Other Non 0% or 100% Transmission O&M Accounts

Voltage	Equipment Counts of December 2018		
	Total Circuit Breakers	ISO Circuit Breakers	ISO Percentage
Transmission Accounts			
500 kV	200	192	96.0%
220kV	989	790	79.9%
161kV	2	2	100.0%
115kV	622	89	14.3%
92kV	0	0	0.0%
66kV	1,387	53	3.8%
55kV	14	5	35.7%
Transmission Reactor CB's	112	102	91.1%
Transmission Total	3,326	1,233	37.1%

	Equipment Counts of December 2018		
	Total Circuit Breakers	ISO Circuit Breakers	ISO Percentage
Distribution Accounts			
66kV	1,962	0	0.0%
33kV	297	0	0.0%
Below 33kV	6,582	0	0.0%
Distribution Total	8,841	0	0.0%

SCHEDULE 28

FFU

WORKPAPERS

Calculation of Formula Franchise Fee and Uncollectibles Factors

<u>Line</u>		<u>Reference</u>
1	CPUC Franchise Fee Factor (% of Total Revenue Requirement)	0.9888% CPUC GRC Decision D19-05-020, Appendix C, page C-7, line 9
2	CPUC Uncollectibles Factor (% of Total Revenue Requirement)	0.2110% CPUC GRC Decision D19-05-020, page 136
3	Formula Franchise Fee Factor	<u>Calculation</u> 1.0008% Line 1 / (1 - (Line 1 + Line 2))
4	Formula Uncollectibles Factor	0.2136% Line 2 / (1 - (Line 1 + Line 2))

Note: The formula Franchise Fee and Uncollectibles Factors are applied to the Base TRR not including FF&U expenses.

The CPUC adopted FF&U Factors are percentages of total revenue requirements including FF&U expenses.

The conversion calculated on Lines 3 and 4 converts the CPUC adopted FF&U factors to FF&U factors appropriate for application to total revenue requirement not including FF&U expenses, as used in the formula transmission rate.

SCHEDULE 32
GROSS LOAD
WORKPAPERS

**SOUTHERN CALIFORNIA EDISON
COMPANY**

Monthly Peaks and Energy @ ISO (MWh)

Month	Peak	Energy
jan	11,871	6,959,766
feb	11,631	6,370,407
mar	11,634	6,520,731
apr	12,428	6,380,511
may	13,567	6,894,107
jun	16,281	7,348,352
jul	18,606	8,854,309
aug	19,322	9,030,282
sep	20,247	8,029,062
oct	16,199	7,188,428
nov	12,901	6,478,709
dec	12,544	6,931,281
Total:	177,229	86,985,944

SOUTHERN CALIFORNIA EDISON COMPANY
Monthly Eastwood Pump Amounts (KWh)

Month Amount

jan	0
feb	0
mar	0
apr	0
may	0
jun	1,062
jul	7,434
aug	9,735
sep	1,593
oct	11,151
nov	5,310
dec	8,496

Total: 44,781

2018 Forecast: 15,930 (TO2018 Schedule 32, Line 2)

True-Up calculation: $44,781 - 15,930 = 28,851$

SOUTHERN CALIFORNIA EDISON COMPANY
 2018 Daily Pump Load Amounts at Eastwood Pump

Flow Date	HE	Resource ID	Type	Fuel Type	Sum of TOTAL DA EN_AS			Sum of TOTAL FMM EN_AS			TOTAL DA AS			
					Award	LMP	DA Award	LMP	FMM	EN Award	Total DA Upward Award	Total FMM	Total FMM AS	Sum of DA SS Energy Award
06/21/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	17.83731	-88.5	17	414705	-177	-88.5	-177		
06/21/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	18.62885	0	18	385913	-177	0	-177		
06/21/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	20.75077	0	17	666623	-177	0	-177		
06/23/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	12.08346	-177	14	894953	-177	-177	-177		
06/23/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	14.45483	-177	15	100705	-177	-177	-177		
06/23/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	14.57828	-177	15	453235	-177	-177	-177		
07/06/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	27.1702	-132.75	29	240375	-177	-132.75	-177		
07/06/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	28.32198	0	34	568383	-177	0	-177		
07/06/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	30.85293	0	32	698398	-177	0	-177		
07/12/2018	3	EASTWD_7_UNIT	GEN	WATR	-177	34.70808	-177	33	043623	-177	-177	-177		
07/12/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	33.36285	-177	30	94099	-177	-177	-177		
07/12/2018	5	EASTWD_7_UNIT	GEN	WATR	-177	33.84247	-177	32	487678	-177	-177	-177		
07/13/2018	8	EASTWD_7_UNIT	GEN	WATR	-177	35.83485	-177	38	564248	-177	-177	-177		
07/13/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	35.09754	-177	36	130858	-177	-177	-177		
07/13/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	36.81231	-177	32	237633	-177	-177	-177		
07/14/2018	8	EASTWD_7_UNIT	GEN	WATR	-177	28.54615	-177	23	344685	-177	-177	-177		
07/14/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	26.12631	-177	22	072128	-177	-177	-177		
07/14/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	28.65441	-177	21	744878	-177	-177	-177		
07/15/2018	8	EASTWD_7_UNIT	GEN	WATR	-177	27.62041	-132.75	33	3101	-177	-132.75	-177		
07/15/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	24.27213	-177	38	36183	-177	-177	-177		
07/15/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	27.42495	-177	36	072833	-177	-177	-177		
07/17/2018	3	EASTWD_7_UNIT	GEN	WATR	-177	36.9361	-177	33	656813	-177	-177	-177		
07/17/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	36.59684	-177	33	00953	-177	-177	-177		
07/17/2018	5	EASTWD_7_UNIT	GEN	WATR	-177	36.04538	-177	35	55488	-177	-177	-177		
07/18/2018	3	EASTWD_7_UNIT	GEN	WATR	-177	35.17845	-177	81	55505	-177	-177	-177		
07/18/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	33.1	-177	67	99388	-177	-177	-177		
07/18/2018	5	EASTWD_7_UNIT	GEN	WATR	-177	34.16505	-177	87	108165	-177	-177	-177		
07/19/2018	3	EASTWD_7_UNIT	GEN	WATR	-177	56.72274	-177	63	90292	-177	-177	-177		
07/19/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	52.91163	-177	74	98412	-177	-177	-177		
07/19/2018	5	EASTWD_7_UNIT	GEN	WATR	-177	51.58494	-177	86	823068	-177	-177	-177		
07/20/2018	3	EASTWD_7_UNIT	GEN	WATR	-177	62.30004	-177	30	139488	-177	-177	-177		
07/20/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	56.32992	-177	27	640655	-177	-177	-177		
07/20/2018	5	EASTWD_7_UNIT	GEN	WATR	-177	59.76744	-177	28	329638	-177	-177	-177		
07/21/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	37.04555	-177	80	150578	-177	-177	-177		
07/21/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	40.98342	-177	113	38149	-177	-177	-177		
07/21/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	47.91512	-177	-177	-177	-177	-177	-177		
07/22/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	26.86165	-177	18	478098	-177	-177	-177		
07/22/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	38.29784	-177	20	479148	-177	-177	-177		
07/22/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	51.10195	-177	23	38202	-177	-177	-177		
07/23/2018	3	EASTWD_7_UNIT	GEN	WATR	-177	30.15211	-177	18	105095	-177	-177	-177		
07/23/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	29.58281	-177	24	94051	-177	-177	-177		
07/23/2018	5	EASTWD_7_UNIT	GEN	WATR	-177	29.77208	-177	23	358933	-177	-177	-177		
07/25/2018	3	EASTWD_7_UNIT	GEN	WATR	-177	48.5552	-177	70	19389	-177	-177	-177		
07/25/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	40.99605	-88.5	54	16102	-177	-88.5	-177		
07/25/2018	5	EASTWD_7_UNIT	GEN	WATR	-177	41.03271	0	51	120648	-177	0	-177		
07/26/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	45.46023	-177	79	108013	-177	-177	-177		
07/26/2018	5	EASTWD_7_UNIT	GEN	WATR	-177	46.71285	-177	98	46616	-177	-177	-177		
07/26/2018	6	EASTWD_7_UNIT	GEN	WATR	-177	51.99103	-177	-177	-177	-177	-177	-177		
08/02/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	40.23781	-177	49	317853	-177	-177	-177		
08/02/2018	5	EASTWD_7_UNIT	GEN	WATR	-177	45.92996	-177	43	799865	-177	-177	-177		
08/10/2018	8	EASTWD_7_UNIT	GEN	WATR	-177	87.73115	0	50	482915	-177	0	-177		
08/10/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	57.4298	0	45	561415	-177	0	-177		
08/10/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	67.05669	0	57	717665	-177	0	-177		
08/11/2018	8	EASTWD_7_UNIT	GEN	WATR	-177	43.731	-44.25	26	103178	-177	-44.25	-177		
08/11/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	37.37508	0	25	794618	-177	0	-177		
08/11/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	40.22256	0	28	25098	-177	0	-177		
08/12/2018	8	EASTWD_7_UNIT	GEN	WATR	-177	42.31016	-44.25	37	32648	-177	-44.25	-177		
08/12/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	34.38061	0	32	33268	-177	0	-177		
08/12/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	33.94231	0	32	07788	-177	0	-177		
08/13/2018	3	EASTWD_7_UNIT	GEN	WATR	-177	47.81938	-88.5	41	602283	-177	-88.5	-177		
08/13/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	46.44132	-177	38	258583	-177	-177	-177		
08/13/2018	5	EASTWD_7_UNIT	GEN	WATR	-177	48.57941	-177	50	08623	-177	-177	-177		
08/14/2018	3	EASTWD_7_UNIT	GEN	WATR	-177	39.86309	-132.75	36	22727	-177	-132.75	-177		
08/14/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	38.72309	-177	35	512205	-177	-177	-177		
08/14/2018	5	EASTWD_7_UNIT	GEN	WATR	-177	40.31734	-177	40	461778	-177	-177	-177		
08/15/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	39.00736	-177	35	844405	-177	-177	-177		
08/15/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	39.52716	-177	43	659535	-177	-177	-177		
08/15/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	42.77787	-177	36	03933	-177	-177	-177		
08/16/2018	3	EASTWD_7_UNIT	GEN	WATR	-177	38.85754	-177	33	715813	-177	-177	-177		
08/16/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	37.64649	-177	29	781403	-177	-177	-177		
08/16/2018	5	EASTWD_7_UNIT	GEN	WATR	-177	39.19064	-177	30	573773	-177	-177	-177		
08/17/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	36.54955	-177	41	488905	-177	-177	-177		
08/17/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	36.35985	-177	51	475475	-177	-177	-177		
08/17/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	40.15261	-177	42	83737	-177	-177	-177		
08/18/2018	7	EASTWD_7_UNIT	GEN	WATR	-177	40.1782	-177	31	577393	-177	-177	-177		
08/18/2018	8	EASTWD_7_UNIT	GEN	WATR	-177	37.94529	-177	29	569423	-177	-177	-177		
08/18/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	29.22533	-177	25	25372	-177	-177	-177		
08/18/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	29.96654	-177	26	972825	-177	-177	-177		
08/19/2018	8	EASTWD_7_UNIT	GEN	WATR	-177	32.76861	-177	-177	-177	-177	-177	-177		
08/19/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	25.28349	-177	20	021568	-177	-177	-177		
08/19/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	26.14703	-177	21	397928	-177	-177	-177		
08/19/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	32.81472	-177	27	158005	-177	-177	-177		
08/20/2018	9	EASTWD_7_UNIT	GEN	WATR	-177	37.40182	-177	29						

SOUTHERN CALIFORNIA EDISON COMPANY
 2018 Daily Pump Load Amounts at Eastwood Pump

Flow Date	HE	Resource ID	Type	Fuel Type	Sum of TOTAL DA EN_AS			Sum of TOTAL FMM EN_AS			TOTAL DA AS			
					Award	LMP	DA Award	LMP	FMM	EN Award	Total DA Upward Award	Total FMM	Total FMM AS	Sum of DA SS Energy Award
09/29/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	21.09277	-177	25.897863	-177	-177	-177	-177	-177	-177
09/29/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	19.63309	-177	20.592108	-177	-177	-177	-177	-177	-177
09/29/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	19.78836	-177	20.5911	-177	-177	-177	-177	-177	-177
09/30/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	21.67424	-177	25.166203	-177	-177	-177	-177	-177	-177
09/30/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	20.97352	-177	23.054863	-177	-177	-177	-177	-177	-177
09/30/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	21.66432	-177	24.184893	-177	-177	-177	-177	-177	-177
10/01/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	37.02471	-177	47.64533	-177	-177	-177	-177	-177	-177
10/01/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	41.22625	-177	46.84801	-177	-177	-177	-177	-177	-177
10/01/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	41.42094	-177	41.999408	-177	-177	-177	-177	-177	-177
10/02/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	37.92261	-177	50.172283	-177	-177	-177	-177	-177	-177
10/02/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	35.7079	-177	44.04169	-177	-177	-177	-177	-177	-177
10/02/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	34.98116	-177	31.380838	-177	-177	-177	-177	-177	-177
10/03/2018	3	EASTWD_7_UNIT	GEN	WATR	-177	34.68728	-132.75	23.874055	-177	-132.75	-177	-177	-177	-177
10/03/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	34.7037	-177	24.847623	-177	-177	-177	-177	-177	-177
10/03/2018	5	EASTWD_7_UNIT	GEN	WATR	-177	36.0312	-177	27.548098	-177	-177	-177	-177	-177	-177
10/04/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	26.83931	-177	32.273753	-177	-177	-177	-177	-177	-177
10/04/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	25.45162	-177	29.861258	-177	-177	-177	-177	-177	-177
10/04/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	26.0923	-177	36.125993	-177	-177	-177	-177	-177	-177
10/05/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	26.64316	-177	30.628965	-177	-177	-177	-177	-177	-177
10/05/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	27.61226	-177	25.247583	-177	-177	-177	-177	-177	-177
10/05/2018	14	EASTWD_7_UNIT	GEN	WATR	-177	28.81658	-177	31.188368	-177	-177	-177	-177	-177	-177
10/06/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	9.10161	-177	-4.556458	-177	-177	-177	-177	-177	-177
10/06/2018	14	EASTWD_7_UNIT	GEN	WATR	-177	12.60792	-177	-7.805333	-177	-177	-177	-177	-177	-177
10/06/2018	15	EASTWD_7_UNIT	GEN	WATR	-177	12.21082	-177	-4.7461	-177	-177	-177	-177	-177	-177
10/07/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	13.02007	-177	15.739478	-177	-177	-177	-177	-177	-177
10/07/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	13.37721	-177	6.59462	-177	-177	-177	-177	-177	-177
10/07/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	12.89343	-177	21.15542	-177	-177	-177	-177	-177	-177
10/08/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	24.14514	-177	19.63722	-177	-177	-177	-177	-177	-177
10/08/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	22.62232	-177	10.514258	-177	-177	-177	-177	-177	-177
10/08/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	21.98241	-177	10.20481	-177	-177	-177	-177	-177	-177
10/09/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	25.56644	-177	26.896763	-177	-177	-177	-177	-177	-177
10/09/2018	14	EASTWD_7_UNIT	GEN	WATR	-177	26.19971	-177	26.914453	-177	-177	-177	-177	-177	-177
10/09/2018	15	EASTWD_7_UNIT	GEN	WATR	-177	26.98238	-177	31.122673	-177	-177	-177	-177	-177	-177
10/10/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	21.14077	-177	20.181738	-177	-177	-177	-177	-177	-177
10/10/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	21.23833	-177	24.316998	-177	-177	-177	-177	-177	-177
10/10/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	21.44883	-177	23.968823	-177	-177	-177	-177	-177	-177
10/11/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	23.71615	-177	24.626225	-177	-177	-177	-177	-177	-177
10/11/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	22.78316	-177	24.222418	-177	-177	-177	-177	-177	-177
10/11/2018	14	EASTWD_7_UNIT	GEN	WATR	-177	26.17219	-177	24.13877	-177	-177	-177	-177	-177	-177
10/12/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	25.32719	-177	29.352395	-177	-177	-177	-177	-177	-177
10/12/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	22.98641	-177	25.463735	-177	-177	-177	-177	-177	-177
10/12/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	19.45303	-177	22.37156	-177	-177	-177	-177	-177	-177
10/13/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	29.82175	-177	26.159788	-177	-177	-177	-177	-177	-177
10/13/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	29.04248	-177	23.058775	-177	-177	-177	-177	-177	-177
10/13/2018	14	EASTWD_7_UNIT	GEN	WATR	-177	30.37923	-177	21.35215	-177	-177	-177	-177	-177	-177
10/14/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	13.72191	-177	-0.462183	-177	-177	-177	-177	-177	-177
10/14/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	11.46265	-177	-1.542108	-177	-177	-177	-177	-177	-177
10/14/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	10.4976	-177	0.335445	-177	-177	-177	-177	-177	-177
10/15/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	17.54471	-177	-1.394143	-177	-177	-177	-177	-177	-177
10/15/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	18.25358	-177	1.834335	-177	-177	-177	-177	-177	-177
10/15/2018	14	EASTWD_7_UNIT	GEN	WATR	-177	19.36729	-177	0.147868	-177	-177	-177	-177	-177	-177
10/16/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	18.1866	-177	-7.676388	-177	-177	-177	-177	-177	-177
10/16/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	17.15217	-177	-4.578535	-177	-177	-177	-177	-177	-177
10/16/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	19.15687	-177	-0.567725	-177	-177	-177	-177	-177	-177
10/17/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	22.26138	-177	8.40014	-177	-177	-177	-177	-177	-177
10/17/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	16.29654	-177	0.281758	-177	-177	-177	-177	-177	-177
10/17/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	17.06793	-177	8.36066	-177	-177	-177	-177	-177	-177
10/18/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	21.07569	-177	11.579053	-177	-177	-177	-177	-177	-177
10/18/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	16.5883	-177	1.391725	-177	-177	-177	-177	-177	-177
10/18/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	18.39319	-177	19.176675	-177	-177	-177	-177	-177	-177
10/19/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	19.6992	-132.75	22.381943	-177	-132.75	-177	-177	-177	-177
10/19/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	16.74727	-177	18.592758	-177	-177	-177	-177	-177	-177
10/19/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	18.06181	-177	14.824443	-177	-177	-177	-177	-177	-177
10/20/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	16.46993	-177	-2.26287	-177	-177	-177	-177	-177	-177
10/20/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	14.10295	-177	-1.082033	-177	-177	-177	-177	-177	-177
10/20/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	16.33884	-177	0.116398	-177	-177	-177	-177	-177	-177
10/21/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	18.35142	-177	8.314398	-177	-177	-177	-177	-177	-177
10/21/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	13.15986	-177	-0.333578	-177	-177	-177	-177	-177	-177
10/21/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	14.65163	-177	2.600603	-177	-177	-177	-177	-177	-177
11/21/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	79.43705	-177	49.07266	-177	-177	-177	-177	-177	-177
11/21/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	77.58619	-177	57.846023	-177	-177	-177	-177	-177	-177
11/21/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	76.28787	-177	62.644478	-177	-177	-177	-177	-177	-177
11/22/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	40.15891	-177	40.903123	-177	-177	-177	-177	-177	-177
11/22/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	39.0804	-177	39.20057	-177	-177	-177	-177	-177	-177
11/22/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	39.26341	-177	35.81963	-177	-177	-177	-177	-177	-177
11/23/2018</td														

SOUTHERN CALIFORNIA EDISON COMPANY
 2018 Daily Pump Load Amounts at Eastwood Pump

Flow Date	HE	Resource ID	Type	Fuel Type	Sum of TOTAL DA EN_AS		Sum of TOTAL FMM EN_AS		TOTAL DA AS		TOTAL FMM AS		Sum of DA SS	
					Award	LMP	DA Award	LMP	FMM	EN Award	Upward Award	EN Award	Upward Award	Energy Award
12/03/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	58.36522	-177	20.924048	-177	-177	-177	-177	-177	-177
12/03/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	54.81287	-177	38.111328	-177	-177	-177	-177	-177	-177
12/04/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	60.29006	-177	38.69416	-177	-177	-177	-177	-177	-177
12/04/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	59.62475	-177	-1000000000	-177	-177	-177	-177	-177	-177
12/04/2018	14	EASTWD_7_UNIT	GEN	WATR	-177	61.41153	-177	44.64283	-177	-177	-177	-177	-177	-177
12/05/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	63.18113	-177	57.355978	-177	-177	-177	-177	-177	-177
12/05/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	61.15938	-177	53.17453	-177	-177	-177	-177	-177	-177
12/05/2018	14	EASTWD_7_UNIT	GEN	WATR	-177	64.00155	-177	52.57518	-177	-177	-177	-177	-177	-177
12/06/2018	2	EASTWD_7_UNIT	GEN	WATR	-177	57.55441	-177	55.6537	-177	-177	-177	-177	-177	-177
12/06/2018	3	EASTWD_7_UNIT	GEN	WATR	-177	56.11347	-177	55.629653	-177	-177	-177	-177	-177	-177
12/06/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	55.8618	-44.25	52.69495	-177	-44.25	-177	-177	-177	-177
12/07/2018	2	EASTWD_7_UNIT	GEN	WATR	-177	62.57408	-177	57.51361	-177	-177	-177	-177	-177	-177
12/07/2018	3	EASTWD_7_UNIT	GEN	WATR	-177	60.28509	-177	55.015955	-177	-177	-177	-177	-177	-177
12/07/2018	4	EASTWD_7_UNIT	GEN	WATR	-177	60.23813	-177	55.540755	-177	-177	-177	-177	-177	-177
12/08/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	33.63603	-177	39.635163	-177	-177	-177	-177	-177	-177
12/08/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	24.28417	-177	39.082983	-177	-177	-177	-177	-177	-177
12/08/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	25.46993	-177	35.44719	-177	-177	-177	-177	-177	-177
12/09/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	46.43132	-177	-2.54844	-177	-177	-177	-177	-177	-177
12/09/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	44.29542	-177	3.7905	-177	-177	-177	-177	-177	-177
12/09/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	39.83652	-177	12.84127	-177	-177	-177	-177	-177	-177
12/10/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	47.08015	-177	55.307293	-177	-177	-177	-177	-177	-177
12/10/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	44.27484	-177	60.877793	-177	-177	-177	-177	-177	-177
12/10/2018	14	EASTWD_7_UNIT	GEN	WATR	-177	46.1927	-177	55.076185	-177	-177	-177	-177	-177	-177
12/11/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	33.48341	-177	44.195555	-177	-177	-177	-177	-177	-177
12/11/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	27.04872	-177	42.437788	-177	-177	-177	-177	-177	-177
12/11/2018	14	EASTWD_7_UNIT	GEN	WATR	-177	32.67337	-177	39.74692	-177	-177	-177	-177	-177	-177
12/12/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	34.79939	-177	22.559165	-177	-177	-177	-177	-177	-177
12/12/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	30.3126	-177	28.355845	-177	-177	-177	-177	-177	-177
12/12/2018	14	EASTWD_7_UNIT	GEN	WATR	-177	35.81347	-177	26.903695	-177	-177	-177	-177	-177	-177
12/13/2018	10	EASTWD_7_UNIT	GEN	WATR	-177	34.65382	-177	16.607085	-177	-177	-177	-177	-177	-177
12/13/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	31.45126	-177	25.011235	-177	-177	-177	-177	-177	-177
12/13/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	27.02455	-177	21.314338	-177	-177	-177	-177	-177	-177
12/14/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	45.46218	-177	76.33138	-177	-177	-177	-177	-177	-177
12/14/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	42.61325	-177	60.972818	-177	-177	-177	-177	-177	-177
12/14/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	41.89922	-177	60.219835	-177	-177	-177	-177	-177	-177
12/15/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	33.32762	-177	27.739585	-177	-177	-177	-177	-177	-177
12/15/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	30.17699	-177	23.226653	-177	-177	-177	-177	-177	-177
12/15/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	28.65502	-177	21.130535	-177	-177	-177	-177	-177	-177
12/16/2018	11	EASTWD_7_UNIT	GEN	WATR	-177	32.16897	-177	27.927598	-177	-177	-177	-177	-177	-177
12/16/2018	12	EASTWD_7_UNIT	GEN	WATR	-177	31.64175	-177	32.249793	-177	-177	-177	-177	-177	-177
12/16/2018	13	EASTWD_7_UNIT	GEN	WATR	-177	31.81701	-177	33.29768	-177	-177	-177	-177	-177	-177

Total:

-44781

SCHEDULE 34

WILDFIRE

WORKPAPERS

SOUTHERN CALIFORNIA EDISON COMPANY					
2017/2018 Monthly Wildfire/Mudslide Events Damage Claims Recorded to Accounts 925 & 228.2					
(\$)					
Accounts 925 & 228					
A	B	C = Lag(C) + B	D	E = C + D	
Line No.	Month	Total Amount included in A&G Acct 925	GAAP Wildfire Reserves for 2017/18 Wildfires & Mudslides Acct. 228.2 Balances	Claim Payments (Enter Negative)	Ending Balance 2017/18 Wildfire & Mudslide Reserves Acct. 228.2
1	Dec-17	-	-	-	-
2	Jan-18	-	-	-	-
3	Feb-18	-	-	-	-
4	Mar-18	-	-	-	-
5	Apr-18	-	-	-	-
6	May-18	-	-	-	-
7	Jun-18	-	-	-	-
8	Jul-18	-	-	-	-
9	Aug-18	-	-	-	-
10	Sep-18	-	-	-	-
11	Oct-18	-	-	-	-
12	Nov-18	-	-	-	-
13	Dec-18	2,669,000,000	2,669,000,000	-	2,669,000,000
14	Total 2018	2,669,000,000		-	
Line 15. Annual Risk Assessment Change of SCE's Liability 2017/2018 Wildfire Claims per GAAP					
Line 16. Average of Beginning of Year and End of Year for Wildfire Reserve					
Line 17. End of Year Labor Allocator					
Line 18. Average BOY/EOY 2017/2018 Wildfire Claims included in Sch 34 Col 3 Line 24					
Notes:					
1	Initial 2018 wildfire expense in Column B 1 (\$2.669B) is included in 2018 Account 925 as shown in Attachment 5, TO2020 Annual Update Schedule 20, Line 23 as the product of the \$2.669B and the 2018 labor allocation factor of [5.903%] for a total of [\$78,780,045].				
2	The values in Schedule 34 Line 24 will change in future years as the Labor Allocation factor changes and/or the Line 16 balance changes.				
3	Based on SCE's internal review into the facts and circumstances of each of the 2017/2018 Wildfire/Mudslide. Events and consideration of the risks associated with litigation, SCE expects to incur a material loss in connection with the 2017/2018 Wildfire/Mudslide Events and have accrued a charge, before recoveries and taxes, of \$4.7 billion in the fourth quarter of 2018. SCE also recorded expected recoveries from insurance of \$2.0 billion and expected recoveries through FERC electric rates of \$135 million. The net charge to earnings recorded was \$1.8 billion after-tax. This charge corresponds to the lower end of the reasonably estimated range of expected potential losses that may be incurred in connection with the 2017/2018 Wildfire/Mudslide Events and is subject to change as additional information becomes available. SCE will seek to offset any actual losses realized with recoveries from insurance policies in place at the time of the events and, to the extent actual losses exceed insurance, through electric rates. -Source 2018 FF1 page 123.51 Note that \$79M FERC value above was an accounting assumption.				

SOUTHERN CALIFORNIA EDISON COMPANY
2017/2018 Monthly Wildfire/Mudslide Events Damage Claims
Recorded to Account 925

\$

A Line No.	B Month	C Outside Legal Expenses	Insurance Payments & Reimbursements
1	Jan-18	-	-
2	Feb-18	3,279.49	-
3	Mar-18	46,894.01	-
4	Apr-18	124,590.59	-
5	May-18	3,089,758.28	-
6	Jun-18	1,000,780.43	-
7	Jul-18	215,074.38	-
8	Aug-18	1,435,753.66	-
9	Sep-18	657,939.16	-
10	Oct-18	2,218,347.50	-
11	Nov-18	638,008.75	-
12	Dec-18	4,695,960.11	-
13	Total	14,126,386.36	-

Notes:

- 1 Column C excludes insurance premiums.

ATTACHMENT 5

ATTACHMENT 5

TO2018 Settlement Formula Rate and Workpapers

Attachment 5 consists of the following workpapers:

TO2018 Settlement Formula Rate Spreadsheet with 2018 inputs

WP Schedule 20 Consistent with TO2018 Settlement

Attachment 5

TO2018 True Up TRR Formula Rate Spreadsheet

Table of Contents

<u>Worksheet Name</u>	<u>Schedule</u>	<u>Purpose</u>
Overview		Base TRR Components.
BaseTRR	1	Full Development of Retail and Wholesale Base TRRs
IFPTRR	2	Calculation of the Incremental Forecast Period TRR
TrueUpAdjust	3	Calculation of the True Up Adjustment
TUTRR	4	Calculation of the True Up TRR
ROR	5	Determination of Capital Structure
PlantInService	6	Determination of Plant In Service balances
PlantStudy	7	Summary of Split of T&D Plant into ISO and Non-ISO
AccDep	8	Calculation of Accumulated Depreciation
ADIT	9	Calculation of Accumulated Deferred Income Taxes
CWIP	10	Presentation of Prior Year CWIP and Forecast Period Incremental CWIP
PHFU	11	Calculation of Plant Held for Future Use
AbandonedPlant	12	Calculation of Abandoned Plant
WorkCap	13	Calculation of Materials and Supplies and Prepayments
IncentivePlant	14	Summary of Incentive Plant balances in the Prior Year
IncentiveAdder	15	Calculation of Incentive Adder component of the Prior Year TRR
PlantAdditions	16	Forecast Additions to Net Plant
Depreciation	17	Calculation of Depreciation Expense
DepRates	18	Presentation of Depreciation Rates
OandM	19	Calculation of Operations and Maintenance Expense
AandG	20	Calculation of Administrative and General Expense
RevenueCredits	21	Calculation of Revenue Credits
NUCs	22	Calculation of Network Upgrade Credits and Network Upgrade Interest Expense
RegAssets	23	Calculation of Regulatory Assets/Liabilities and Regulatory Debits
CWIPTRR	24	Calculation of Contribution of CWIP to TRRs
WholesaleDifference	25	Calculation of the Wholesale Difference to the Base TRR
TaxRates	26	Calculation of Composite Tax Rate
Allocators	27	Calculation of Allocation Factors
FFU	28	Calculation of Franchise Fees Factor and Uncollectibles Expense Factor
WholesaleTRRs	29	Calculation of components of SCE's Wholesale TRR
Wholesale Rates	30	Calculation of SCE's Wholesale transmission rates
HVLV	31	Calculation of High and Low Voltage percentages of Gross Plant
GrossLoad	32	Presentation of forecast Gross Load for wholesale rate calculations
RetailRates	33	Calculation of retail transmission rates
Unfunded Reserves	34	Calculation of Unfunded Reserves

Overview of SCE Retail Base TRR

SCE's retail Base Transmission Revenue Requirement is the sum of the following components:

<u>TRR Component</u>	<u>Amount</u>
Prior Year TRR	\$1,093,435,658
Incremental Forecast Period TRR	\$121,563,826
True-Up Adjustment	-\$184,027,517
Cost Adjustment	\$0
Base TRR (retail)	\$1,030,971,967

These components represent the following costs that SCE incurs:

- 1) The Prior Year TRR component is the TRR associated with the Prior Year (most recent calendar year).
The Prior Year TRR is calculated using End-of-Year Rate Base values, as set forth in the "1-BaseTRR" Worksheet.
- 2) The Incremental Forecast Period TRR is the component of Base TRR associated with forecast additions to in-service plant or CWIP, as set forth in the "2-IFPTRR" Worksheet.
- 3) The True Up Adjustment is a component of the Base TRR that reflects the difference between projected and actual costs, as set forth in the "3-TrueUpAdjust" Worksheet.
- 4) The Cost Adjustment component may be included as provided in the Tariff protocols.

Southern California Edison Company

Cells shaded yellow are input cells

Formula Transmission Rate

<u>Line</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>2018 Value</u>
RATE BASE			
1 ISO Transmission Plant		6-PlantInService, Line 19	\$8,787,478,998
2 General Plant + Electric Miscellaneous Intangible Plant		6-PlantInService, Line 27	\$247,339,385
3 Transmission Plant Held for Future Use		11-PHFU, Line 8	\$9,942,155
4 Abandoned Plant		12-AbandonedPlant, Line 3	\$0
<u>Working Capital amounts</u>			
5 Materials and Supplies		13-WorkCap, Line 16	\$16,060,255
6 Prepayments		13-WorkCap, Line 36	\$8,289,749
7 Cash Working Capital		(Line 66 + Line 67) / 8	\$34,370,607
8 Working Capital		Line 5 + Line 6 + Line 7	\$58,720,611
<u>Accumulated Depreciation Reserve Balances</u>			
9 Transmission Depreciation Reserve - ISO	Negative amount	8-AccDep, Line 13, Col. 12	-\$1,754,739,490
10 Distribution Depreciation Reserve - ISO	Negative amount	8-AccDep, Line 16, Col. 5	\$0
11 General + Intangible Plant Depreciation Reserve	Negative amount	8-AccDep, Line 26	\$92,575,083
12 Accumulated Depreciation Reserve		Line 9 + Line 10 + Line 11	-\$1,847,314,573
13 Accumulated Deferred Income Taxes	Negative amount	9-ADIT, Line 5, Col. 2	-\$1,644,286,833
14 CWIP Plant		14-IncentivePlant, L 12, Col 1	\$442,100,547
15 Other Regulatory Assets/Liabilities		23-RegAssets, Line 14	\$0
16 Unfunded Reserves		34-UnfundedReserves, Line 6	-\$163,282,358
17 Network Upgrade Credits	Negative amount	22-NUCs, Line 4	-\$64,560,041
18 Rate Base		L1 + L2 + L3 + L4 + L8 + L12 + L13 + L14+ L15+ L16 + L17	\$5,826,137,891

OTHER TAXES

19 Sub-Total Local Taxes	FF1 263.1, Row 30, Column i	FF1 263 or 263.x (see note to left)	\$317,759,682
20 Transmission Plant Allocation Factor		27-Allocators, Line 18 22	18.7422%
21 Property Taxes		Line 19 * Line 20	\$59,555,008
22 Payroll Taxes Expense			
23 FICA		Line 24 + Line 25+ Line 26	\$110,738,321
24 Fed Ins Cont Amt -- Current	FF1 263, Row 6, Column i	FF1 263 or 263.x (see note to left)	\$109,634,389
25 FICA/OASDI Emp Incntv.	FF1 263, Row 7, Column i	FF1 263 or 263.x (see note to left)	\$965,694
26 FICA/HIT Emp Incntv.	FF1 263, Row 8, Column i	FF1 263 or 263.x (see note to left)	\$138,238
27 CA SUI Current	FF1 263, Row 21, Column i	FF1 263 or 263.x (see note to left)	\$5,859,182
28 Fed Unemp Tax Act- Current	FF1 263, Row 9, Column i	FF1 263 or 263.x (see note to left)	\$740,442
29 CADI Vol Plan Assess	FF1 263.1, Row 1, Column i	FF1 263 or 263.x (see note to left)	\$1,794,719
30 SF Pyrl Exp Tx - SCE	FF1 263, Row 39, Column i	FF1 263 or 263.x (see note to left)	\$4,052
31 Total Electric Payroll Tax Expense		Line 23 + (Line 27 to Line 30)	\$119,136,716
32 Capitalized Overhead portion of Electric Payroll Tax Expense		26-TaxRates, Line 16	\$47,416,413
33 Remaining Electric Payroll Tax Expense to Allocate		Line 31 - Line 32	\$71,720,303
34 Transmission Wages and Salaries Allocation Factor		27-Allocators, Line 5 9	5.7427%
35 Payroll Taxes Expense		Line 33 * Line 34	\$4,118,650
36 Other Taxes	Note 1	Line 21 + Line 35	\$63,673,657

Southern California Edison Company

Cells shaded yellow are input cells

Formula Transmission Rate

<u>Line</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	2018 Value
RETURN AND CAPITALIZATION CALCULATIONS			
<u>Debt</u>			
37 Long Term Debt Amount		Settlement Term #2: Revised Lines 37-42 to "be the equivalent of Lines 36-41 of Original Formula Rate" pursuant to settlement term #2	\$12,321,721,005
38 Cost of Long Term Debt		5-ROR-1, Line 8 12	\$575,757,146
39 Long Term Debt Cost Percentage		5-ROR-1, Line 16 Line 37 * Line 39	4.6727%
<u>Preferred Stock</u>		5-ROR-1, Line 17 5-ROR-3, Line 10	
40 Preferred Stock Amount		5-ROR-1, Line 21 16	\$2,187,625,314
41 Cost of Preferred Stock		5-ROR-1, Line 25 Line 40 + Line 42	\$125,126,354
42 Preferred Stock Cost Percentage		5-ROR-1, Line 26 5-ROR-4, Line 9	5.7197%
<u>Equity</u>			
43 Common Stock Equity Amount		5-ROR-1, Line 32	\$12,686,938,195
44 Total Capital		Line 37 + Line 40 + Line 43	\$27,196,284,514
<u>Capital Percentages</u>			
45 Long Term Debt Capital Percentage		Line 37 / Line 44	45.3066%
46 Preferred Stock Capital Percentage		Line 40 / Line 44	8.0438%
47 Common Stock Capital Percentage		Line 43 / Line 44	46.6495%
48 Long Term Debt Cost Percentage		Line 45 + Line 46+ Line 47	100.0000%
49 Preferred Stock Cost Percentage			
50 Return on Common Equity	Note 2	Line 39 11.2% pursuant to Settlement Term #3	6727%
		Line 42	7197%
		SCE Return on Equity	11.20% 10.80%
<u>Annual Cost of Capital Components</u>			
51 Weighted Cost of Long Term Debt		Line 39 * Line 45	2.1170%
52 Weighted Cost of Preferred Stock		Line 42 * Line 46	0.4601%
53 Weighted Cost of Common Stock		Line 47 * Line 50	5.2247%
54 Cost of Capital Rate		Line 51 + Line 52 + Line 53	7.8019%
55 Equity Rate of Return Including Common and Preferred Stock	Used for Tax calculation	Line 52 + Line 53	5.6848%
56 Return on Capital: Rate Base times Cost of Capital Rate		Line 18 * Line 54	\$454,548,093
INCOME TAXES			
57 Federal Income Tax Rate		26-Tax Rates, Line 1	21.0000%
58 State Income Tax Rate		26-Tax Rates, Line 8	8.8400%
59 Composite Tax Rate	= F + [S * (1 - F)]	(L57 + L58) - (L57 * L58)	27.9836%
<u>Calculation of Credits and Other:</u>		Settlement Agreement, Term #15	
60 Amortization of Excess Deferred Tax Liability	Note 3	See workpaper for derivation. Includes legacy + \$200 from 1980s.	-\$27,502,331
61 Investment Tax Credit Flowed Through	Note 3		-\$520,000
62 South Georgia Income Tax Adjustment	Note 3		\$2,606,000
63 Credits and Other		Line 60 + Line 61+ Line 62	-\$25,416,331
64 Income Taxes:		Formula on Line 65	\$94,807,998
65 Income Taxes = [(RB * ER) + D] * (CTR/(1 - CTR))] + CO/(1 - CTR)			
Where:			
RB = Rate Base		Line 18	
ER = Equity Rate of Return Including Common and Preferred Stock		Line 55	
CTR = Composite Tax Rate		Line 59	
CO = Credits and Other		Line 63	
D = Book Depreciation of AFUDC Equity Book Basis		SCE Records	\$3,610,018

Southern California Edison Company

Cells shaded yellow are input cells

Formula Transmission Rate

<u>Line</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	2018 Value
PRIOR YEAR TRANSMISSION REVENUE REQUIREMENT			
<u>Component of Prior Year TRR:</u>			
66 O&M Expense		19-OandM, Line 91, Col. 6	\$68,175,047
67 A&G Expense		20-AandG, Line 23	\$206,789,807
68 Network Upgrade Interest Expense		22-NUCs, Line 8	\$5,429,238
69 Depreciation Expense		17-Depreciation, Line 70	\$245,884,460
70 Abandoned Plant Amortization Expense		12-AbandonedPlant, Line 1	\$0
71 Other Taxes		Line 36	\$63,673,657
72 Revenue Credits	Negative amount	21-Revenue Credits, Line 44	-\$58,173,791
73 Return on Capital		Line 56	\$454,548,093
74 Income Taxes		Line 64	\$94,807,998
75 Gains and Losses on Trans. Plant Held for Future Use -- Land		Gain negative, loss positiv 11-PHFU, Line 10	\$0
76 Amortization and Regulatory Debits/Credits		23-RegAssets, Line 16	\$0
77 Prior Year Incentive Adder		15-IncentiveAdder, Line 14	\$26,604,827
77a Prior Year Incentive Adder Reversal	Note 5	Negative of Line 77	-\$26,604,827
78 Total without FF&U		Sum of Lines 66 to 77	\$1,081,134,509
79 Franchise Fees Expense		L 78 * FF Factor (28-FFU, L 5)	\$9,994,007
80 Uncollectibles Expense		L 78 * U Factor (28-FFU, L 5)	\$2,307,141
81 Prior Year TRR		Line 78 + Line 79+ Line 80	\$1,093,435,658
TOTAL BASE TRANSMISSION REVENUE REQUIREMENT			
<u>Calculation of Base Transmission Revenue Requirement</u>			
82 Prior Year TRR		Line 81	\$1,093,435,658
83 Incremental Forecast Period TRR		2-IFPTRR, Line 82	\$121,563,826
84 True Up Adjustment		3-TrueUpAdjust, Line 30	-\$184,027,517
85 Cost Adjustment	Note 4		\$0
86 Base Transmission Revenue Requirement (Retail)	For Retail Purposes	L 82 + L 83 + L 84 + L 85	\$1,030,971,967
<u>Wholesale Base Transmission Revenue Requirement</u>			
87 Base TRR (Retail)		Line 86	\$1,030,971,967
88 Wholesale Difference to the Base TRR		25-WholesaleDifference, Line 45	-\$4,976,044
89 Wholesale Base Transmission Revenue Requirement		Line 87 + Line 88	\$1,025,995,923

Notes:

- 1) Any amount of "Sub-Total Local Taxes" or "Payroll Taxes Expense" may be excluded if appropriate with the provision of a workpaper showing the reason for the exclusion and the amount of the exclusion.
- 2) **No change in Return on Common Equity will be made absent a Section 205 filing at the Commission.**
Does not include any project-specific ROE adders.
In the event that the Return on Common Equity is revised from the initial value, enter cite to Commission Order approving the revised ROE on following line.
Order approving revised ROE: -----
- The TO2018 Settlement Return on Common Equity shall be set at 11.2% for the term of the Settlement. Includes Base ROE, 50 basis point ISO adder, and project-specific ROE adders awarded to SCE (Tehachapi – 1.25%, Devers to Colorado River – 1.00%, Rancho Vista – 0.75%). Project adders are equivalent to an approximate 0.78% increase in SCE's overall Base ROE. If the Commission determines, in an order not subject to rehearing or appeal, that SCE is not entitled to the incentive adder for CAISO participation, SCE will reduce its ROE to 10.7% retroactive to January 1, 2018 for the period the TO2018 settlement is in effect.
- 3) No change in Amortization of Excess Deferred Tax Liability or South Georgia Income Tax Adjustment "Credits and Other" terms will be made absent a filing at the Commission. Investment Tax Credit Flowed Through amount shall be negative \$520,000 through the Prior Year of 2018, negative \$183,000 for the Prior Year of 2019, and \$0 thereafter. **The Unprotected-Property Related net Excess Deferred Income Tax amount of \$60,466,608 shall be fully amortized over the four-year period of 2018 through 2021 and reflected in Line 60 of Schedule 1. The Unprotected-Non-Property Related net Excess Deferred Income Tax amount of \$4,549,634 shall be fully amortized in 2018 and reflected in Line 60 of Schedule 1.**
- 4) Cost Adjustment may be included as provided in the Tariff protocols.
- 5) **Prior Year Incentive Adder Reversal backs out the revenue requirement associated with any project specific Incentive Adders (line 77). Applicable pursuant to settlement under ER18-169.**

Calculation of Incremental Forecast Period TRR ("IFPTRR")

The IFP TRR is equal to the sum of:

- 1) Forecast Plant Additions * AFCR
- 2) Forecast Period Incremental CWIP * AFCR for CWIP

1) Calculation of Annual Fixed Charge Rates:

Line a) Annual Fixed Charge Rate for CWIP ("AFCRCWIP")

1 AFCRCWIP represents the return and income tax costs associated with \$1 of CWIP,
2 expressed as a percent.

3
4
5 $AFCRCWIP = CLTD + (COS * (1/(1 - CTR)))$

6
7 where:
8 CLTD = Weighted Cost of Long Term Debt
9 COS = Weighted Cost of Common and Preferred Stock
10 CTR = Composite Tax Rate

		Reference
12	Wtd. Cost of Long Term Debt:	2.117%
13	Wtd. Cost of Common + Pref. Stock:	5.685%
14	Composite Tax Rate:	27.984%
16	AFCRCWIP =	10.011%
		Line 12 + (Line 13 * (1/(1 - Line 14)))

b) Annual Fixed Charge Rate ("AFCR")

20 The AFCR is calculated by dividing the Prior Year TRR (without CWIP related costs)
21 by Net Plant:

23 $AFCR = (\text{Prior Year TRR} - \text{CWIP-related costs}) / \text{Net Plant}$

25 Determination of Net Plant:

		Reference
27	Transmission Plant - ISO:	\$8,787,478,998
28	Distribution Plant - ISO:	\$0
29	Transmission Dep. Reserve - ISO:	\$1,754,739,490
30	Distribution Dep. Reserve - ISO:	\$0
31	Net Plant:	\$7,032,739,508
		(L27 + L28) - (L29 + L30)

33 Determination of Prior Year TRR without CWIP related costs:

35 a) Determination of CWIP-Related Costs
36 1) Direct (without ROE adder) CWIP costs

37	CWIP Plant - Prior Year:	\$442,100,547	10-CWIP, L 13 C1
38	AFCRCWIP:	10.011%	Line 16
39	Direct CWIP Related Costs:	\$44,258,010	Line 37 * Line 38

41 2) CWIP ROE Adder costs:

42	IREF:	\$6,478	15-IncentiveAdder, Line 3
----	-------	---------	---------------------------

44	Tehachapi CWIP Amount:	\$156,282	10-CWIP, Line 13
45	Tehachapi ROE Adder %:	1.25%	15-IncentiveAdder, Line 5
46	Tehachapi ROE Adder \$:	\$1,265	Formula on Line 52

48	DCR CWIP Amount:	\$0	10-CWIP, Line 13
49	DCR ROE Adder %:	1.00%	15-IncentiveAdder, Line 6
50	DCR ROE Adder \$:	\$0	Formula on Line 52

51 $ROE \text{ Adder } \$ = (\text{CWIP}/\$1,000,000) * IREF * (\text{ROE Adder}/1\%)$

54	CWIP Related Costs wo FF&U:	\$44,259,275	Line 39 + Line 46 + Line 50
55	FF&U Expenses:	\$503,582	(28-FFU, L5 FF Factor + U Factor) * L54
56	CWIP Related Costs with FF&U:	\$44,762,857	Line 54 + Line 55

Schedule 2
Incremental Forecast Period TRR

TO2020 Annual Update
Attachment 5, Settlement Model
2018 True Up TRR

58 **b) Determination of AFCR:**

59	CWIP Related Costs wo FF&U:	\$44,259,275	Line 54
60	Prior Year TRR wo FF&U:	\$1,081,134,509	1-BaseTRR, Line 78
61	Prior Year TRR wo CWIP Related Costs:	\$1,036,875,234	Line 61 - Line 60
62	75% of O&M and A&G in Prior Year TRR:	\$206,223,640	(1-BaseTRR, Line 66 + Line 67) * .75
63	AFCR:	11.811%	(Line 62 - Line 63) / Line 31

64

65 **2) Calculation of IFP TRR**

66

		<u>Reference</u>
67	Forecast Plant Additions:	\$611,468,922
68	AFCR:	11.811%
69	AFCR * Forecast Plant Additions:	\$72,221,875
70		Line 69 * Line 70
71	Forecast Period Incremental CWIP:	\$479,223,757
72	AFCRCWIP:	10.011%
73	AFCRCWIP * FP Incremental CWIP:	\$47,974,358
74		Line 73 * Line 74
75	IFPTRR without FF&U:	\$120,196,233
76		Line 71 + Line 75
77	Franchise Fees Expense:	\$1,111,094
78	Uncollectibles Expense:	\$256,499
79		Line 77 * FF (from 28-FFU, L 5)
80		Line 77 * U (from 28-FFU, L 5)
81	Incremental Forecast Period TRR:	\$121,563,826
82		Line 77 + Line 79 + Line 80

Calculation of True Up Adjustment Component of TRR

1) Summary of True Up Adjustment calculation:

- Attribute True Up TRR to months in the Prior Year (see Note #1) to determine "Monthly True Up TRR" for each month (see Note #2).
- Determine monthly retail transmission revenues attributable to this formula transmission rate received during Prior Year.
- Compare costs in (a) to revenues in (b) on a monthly basis and determine "Cumulative Excess (-) or Shortfall (+) in Revenue with Interest".
- Include previous Annual Update Cumulative Excess or Shortfall in Prior Year (from Previous Annual Update Line 23) and any One-Time Adjustments in Column 4 (Lines 11 and 12 respectively).
- Continue interest calculation through the end of the Prior Year (Line 23) to determine Cumulative Excess or Shortfall for this Annual Update.

2) Comparison of True Up TRR and Actual Retail Transmission Revenues received during the Prior Year, Including previous Annual Update Cumulative Excess or Shortfall in Revenue.

Line	True Up TRR:	\$1,078,540,190	Source:	From 4-TUTRR,	Line 46	From TO2019 Settlement Model, Line 23			
1	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9
2	Calculations:	See Note 2	See Note 3	See Note 4	= C2 - C3 + C 4	See Note 5	See Note 6	See Note 7	=C7 + C8
3	= Include an additional \$277,812 per settlement Term 3.9 (Error Correction), in addition to \$7,552 unrelated to settlement.	only	Actual Retail Base Transmission	Adjustments and Shortfall/Excess Revenue In Previous Annual Update	Monthly Excess (-) or Shortfall (+) in Revenue	Monthly Interest Rate	Cumulative Excess (-) or Shortfall (+) in Revenue	Interest for Current Month	Cumulative Excess (-) or Shortfall (+) in Revenue with Interest
4	Month	Year	True Up TRR	Revenues	Annual Update	Current Month	for Current Month		
10	December	2017	---	---	-\$98,220,575	---	-\$98,220,575	---	-\$98,220,575
11	January	2018	\$89,878,349	\$95,104,408	-\$5,511,423	0.35%	-\$103,731,998	-\$353,417	-\$104,085,415
12	February	2018	\$89,878,349	\$79,602,859	\$10,275,490	0.35%	-\$93,809,925	-\$346,317	-\$94,156,242
13	March	2018	\$89,878,349	\$86,953,151	\$2,925,198	0.35%	-\$91,231,043	-\$324,428	-\$91,555,471
14	April	2018	\$89,878,349	\$115,273,322	-\$25,394,973	0.37%	-\$116,950,444	-\$385,736	-\$117,336,180
15	May	2018	\$89,878,349	\$94,769,645	-\$4,891,296	0.37%	-\$122,227,475	-\$443,193	-\$122,670,668
16	June	2018	\$89,878,349	\$97,599,706	-\$7,721,357	0.37%	-\$130,392,025	-\$468,166	-\$130,860,191
17	July	2018	\$89,878,349	\$121,694,630	-\$31,816,281	0.39%	-\$162,676,472	-\$572,396	-\$163,248,869
18	August	2018	\$89,878,349	\$172,990,909	-\$83,112,560	0.39%	-\$246,361,429	-\$798,740	-\$247,160,169
19	September	2018	\$89,878,349	\$58,038,787	\$31,839,562	0.39%	-\$215,320,607	-\$901,838	-\$216,222,445
20	October	2018	\$89,878,349	\$118,998,498	-\$29,120,148	0.41%	-\$245,342,593	-\$946,208	-\$246,288,801
21	November	2018	\$89,878,349	\$63,930,368	\$25,947,982	0.41%	-\$220,340,820	-\$956,591	-\$221,297,410
22	December	2018	\$89,878,349	\$98,014,769	-\$3,416,582	0.41%	-\$232,850,412	-\$931,003	-\$233,781,415
23					-\$11,553,002				

24 4) True Up Adjustment

Shortfall or Excess Revenue in Prior Year: -\$233,781,415
 Previous Annual Update TU Adjustment: \$ (62,401,720)
 TU Adjustment without Projected Interest: -\$171,379,695
 Projected Interest to Rate Year Mid-Point: -\$12,647,822
 True Up Adjustment: -\$184,027,517

Settlement Term #1.8 relating to the Original Formula Rate PBOPs mechanism, return of negative \$3,416,582

No adjustment appropriate for the transition to the TO2019A (This model is the Second Formula Rate Model)

Previous Annual Update Schedule 3, Line 30

Previous Annual Update: Docket No. ER18-169 (TO2019)

Line 26 - Line 27

Line 28 * (Line 23, Column 6) * 18 months

Line 28 + Line 29. Positive amount is to be collected by SCE (included in Base TRR as a positive amount).

Negative amount is to be returned to customers by SCE (included in Base TRR as a negative amount).

Cumulative overcollection through the end of 2018

Reflects all "Second Formula Rate" settlement terms.

32 5) Final True Up Adjustment

The Final True Up Adjustment begins on the month after the last True Up Adjustment and extends through the termination date of this formula transmission rate.
 The Final True Up Adjustment shall be calculated as above, with interest to the termination date of the Formula Transmission Rate.

Schedule 3
True Up Adjustment

TO2020 Annual Update
Settlement Model
018 True Up TRR

Cumulative overcollection through the end of 2018
Reflects all "Second Formula Rate" settlement terms.

37 Partial Year TRR Attribution Allocation Factors:

	Month	Partial Year TRR AAF	Note:
40	January	6.376%	See Note 2.
41	February	5.655%	
42	March	7.183%	
43	April	8.224%	
44	May	8.018%	
45	June	8.945%	
46	July	9.891%	
47	August	10.141%	
48	September	10.218%	
49	October	9.179%	
50	November	7.530%	
51	December	8.640%	
52	Total:	100.000%	
53			

From Schedule 3, Line 30 of TO2019 Settlement Working Spreadsheet (Document #6)

54 Transmission Revenues: (Note 8)

	Col 1 See Note 9	Col 2 See Note 10	Col 3	Col 4	Col 5	Col 6	Col 7 Sum of left
Prior Year	Actual Retail Base Transmission Other			Public Purpose Other			Monthly Total Retail Revenue
Month	Revenues	Transmission	Distribution	Generation	Purpose	Other	
63 Jan	\$95,104,408	-\$15,436,886	\$394,408,448	\$356,363,745	\$35,830,374	\$41,895,109	\$908,165,198
64 Feb	\$79,602,859	-\$13,553,246	\$327,720,360	\$305,936,497	\$27,202,410	\$28,130,529	\$755,039,409
65 Mar	\$86,953,151	-\$14,725,232	\$362,176,856	\$339,214,374	\$27,577,648	\$30,890,045	\$832,086,841
66 Apr	\$115,273,322	-\$19,629,778	\$296,971,625	\$431,151,607	\$40,167,600	\$40,809,099	\$904,743,475
67 May	\$94,769,645	-\$15,898,513	\$384,866,022	\$356,635,537	\$32,028,188	\$32,742,754	\$885,143,633
68 Jun	\$97,599,706	-\$13,678,335	\$394,530,690	\$518,975,289	\$28,864,997	\$34,972,170	\$1,061,264,517
69 Jul	\$121,694,630	-\$13,103,769	\$496,963,837	\$792,271,882	\$48,301,704	\$43,104,256	\$1,489,232,541
70 Aug	\$172,990,909	-\$20,821,053	\$713,976,104	\$1,001,538,305	\$96,406,085	\$61,391,969	\$2,025,482,319
71 Sep	\$58,038,787	-\$7,370,129	\$252,619,010	\$193,609,091	\$20,049,987	\$21,083,038	\$538,029,783
72 Oct	\$118,998,498	-\$14,529,867	\$244,707,477	\$406,478,676	\$39,686,155	\$41,418,277	\$836,759,216
73 Nov	\$63,930,368	-\$9,709,464	\$319,088,082	\$257,129,554	\$20,413,846	\$22,443,948	\$673,296,333
74 Dec	\$98,014,769	-\$9,972,890	\$407,434,974	\$377,906,595	\$33,165,012	\$33,501,762	\$940,050,222
75 Totals:	\$1,202,971,052	-\$168,429,163	\$4,595,463,485	\$5,337,211,153	\$449,694,006	\$432,382,957	\$11,849,293,489

76
77 "Total Sales to Ultimate Consumers" from FERC Form 1 Page 300, Line 10, Column b: \$11,849,293,489

Schedule 3
True Up Adjustment

TO2020 Annual Update
Attachment 5, Settlement Model
2018 True Up TRR

Instructions:

- 1) Enter applicable years on Column 1, Lines 11-23 (Prior Year and December of the year previous to the Prior Year).
- 2) Enter Previous Annual Update True Up Adjustment (if any) on Line 27.
Enter with the same sign as in previous Annual Update. If there is no Previous Annual Update True Up Adjustment, then enter \$0.
- 3) Enter monthly interest rates in accordance with interest rate specified in the regulations of FERC at
18 C.F.R. §35.19a on lines 12 to 23, Column 6.
- 4) Enter any One Time Adjustments on Column 4, Line 12 (or other appropriate). If SCE is owed enter as positive, if SCE is to return to customers enter as negative.
One Time Adjustments include:
 - a) In the event that a Commission Order revises SCE's True Up TRR for a previous Prior Year,
SCE shall include that difference in the True Up Adjustment, including interest, at the first opportunity, in accordance with tariff protocols.
Entering on Line 12 (or other appropriate) ensures these One Time Adjustments are recovered from or returned to customers.
 - b) Any refunds attributable to SCE's previous CWIP TRR cases (Docket Nos. ER08-375, ER09-187, ER10-160, and ER11-1952), not previously returned to customers.
 - c) Amounts resulting from input errors impacting the True Up TRR in a previous Formula Rate Annual Update pursuant to Protocol Section 3(d)(8).
- 5) Fill in matrix of all retail revenues from Prior Year in table on lines 63 to 74.
- 6) Enter Total Sales to Ultimate Consumers on line 77 and verify that it equals the total on line 75.
- 7) If true up period is less than entire calendar year, then adjust calculation accordingly by including \$0 Monthly True Up TRR and \$0
Actual Retail Base Transmission Revenues for any months not included in True Up Period.

Notes:

- 1) The true up period is the portion (all or part) of the Prior Year for which the Formula Transmission Rate was in effect.
- 2) The Monthly True Up TRR is derived by multiplying the annual True Up TRR on Line 1 by 1/12, if formula was in effect. In the event of a Partial Year True Up, use the Partial Year TRR Attribution Allocation Factors on Lines 40 to 51 for each month of Partial Year True Up.
Only enter in the Prior Year, Lines 12 to 23, or portion of year formula was in effect in case of Partial Year True Up.
Partial Year True Up Allocation Factors calculated based on three years (2008-2010) of monthly SCE retail base transmission revenues.
- 3) "Actual Retail Base Transmission Revenues" are SCE retail transmission revenues attributable to this formula transmission rate.
as shown on Lines 63 to 74, Column 1.
- 4) Enter "Shortfall or Excess Revenue in Previous Annual Update" on Line 11, or other appropriate (from Previous Annual Update, Line 23, Column 9).
- 5) Monthly Interest Rates in accordance with interest rate specified in the regulations of FERC (See Instruction #3).
- 6) "Cumulative Excess (-) or Shortfall (+) in Revenue w/o Interest for Current Month" is, beginning for the January month,
the amount in Column 9 for previous month plus the current month amount in Column 5. For the first December, it is the amount in Column 5.
- 7) Interest for Current Month is calculated on average of beginning and ending balances (Column 9 previous month and Column 7 current month).
No interest is applied for the first December.
- 8) Only provide if formula was in effect during Prior Year.
- 9) Only include Base Transmission Revenue attributable to this formula transmission rate.
Any other Base Transmission Revenue or refunds is included in "Other".
The Base Transmission Revenues shown in Column 1 shall be reduced to reflect any retail customer refunds provided by SCE associated with the formula transmission rate that are made through a CPUC-authorized mechanism.
- 10) Other Transmission Revenue includes the following:
 - a) Transmission Revenue Balancing Account Adjustment revenue.
 - b) Transmission Access Charge Balancing Account Adjustment.
 - c) Reliability Services Revenue.
 - d) Any Base Transmission Revenue not attributable to this formula.

Calculation of True Up TRR

A) Rate Base for True Up TRR

<u>Line</u>	<u>Rate Base Item</u>	<u>Calculation Method</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>Amount</u>
1	ISO Transmission Plant	13-Month Avg.		6-PlantInService, Line 18	\$8,666,375,347
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$250,784,299
3	Transmission Plant Held for Future Use	BOY/EOY Avg.		11-PHFU, Line 9	\$9,942,155
4	Abandoned Plant	BOY/EOY Avg.		12-AbandonedPlant Line 4	\$0
<u>Working Capital Amounts</u>					
5	Materials and Supplies	13-Month Avg.		13-WorkCap, Line 17	\$14,561,674
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$11,258,427
7	Cash Working Capital	1/8 (O&M + A&G)		1-Base TRR Line 7	\$34,370,607
8	Working Capital			Line 5 + Line 6 + Line 7	\$60,190,707
<u>Accumulated Depreciation Reserve Amounts</u>					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,696,750,195
10	Distribution Depreciation Reserve - ISO	BOY/EOY Avg.	Negative amount	8-AccDep, Line 17, Col. 5	\$0
11	G + I Depreciation Reserve	BOY/EOY Avg.	Negative amount	8-AccDep, Line 23	-\$96,157,605
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	-\$1,792,907,800
13	Accumulated Deferred Income Taxes	BOY/EOY Avg.		9-ADIT, Line 15	-\$1,646,877,467
14	CWIP Plant	13-Month Avg.		14-IncentivePlant, L 12, C2	\$297,221,934
15	Network Upgrade Credits	BOY/EOY Avg.	Negative amount	22-NUCs, Line 7	-\$78,952,573
16	Unfunded Reserves			34-UnfundedReserves, Line 7	-\$86,758,064
17	Other Regulatory Assets/Liabilities	BOY/EOY Avg.		23-RegAssets, Line 15	\$0
18	Rate Base			L1+L2+L3+L4+L8+L12+ L13+L14+L15+L16+L17	\$5,679,018,539

B) Return on Capital

<u>Line</u>	<u>Cost of Capital Rate</u>	<u>See Instruction 1</u>	<u>Instruction 1, Line j</u>	<u>7.8019%</u>
19	Return on Capital: Rate Base times Cost of Capital Rate		Line 18 * Line 19	\$443,070,023

C) Income Taxes

21	Income Taxes = $[(RB * ER) + D] * (CTR/(1 - CTR)) + CO/(1 - CTR)$			\$91,558,175
----	---	--	--	--------------

Where:

22	RB = Rate Base		Line 18	\$5,679,018,539
23	ER = Equity ROR inc. Com. and Pref. Stock	Instruction 1	Instruction 1, Line k	5.6848%
24	CTR = Composite Tax Rate		1-Base TRR L 59	27.9836%
25	CO = Credits and Other		1-Base TRR L 63	-\$25,416,331
26	D = Book Depreciation of AFUDC Equity Book Basis		1-Base TRR L 65	\$3,610,018

D) True Up TRR Calculation

27	O&M Expense	1-Base TRR L 66	\$68,175,047
28	A&G Expense	1-Base TRR L 67	\$206,789,807
29	Network Upgrade Interest Expense	1-Base TRR L 68	\$5,429,238
30	Depreciation Expense	1-Base TRR L 69	\$245,884,460
31	Abandoned Plant Amortization Expense	1-Base TRR L 70	\$0
32	Other Taxes	1-Base TRR L 71	\$63,673,657
33	Revenue Credits	1-Base TRR L 72	-\$58,173,791
34	Return on Capital	Line 20	\$443,070,023
35	Income Taxes	Line 21	\$91,558,175
36	Gains and Losses on Transmission Plant Held for Future Use -- Land	1-Base TRR L 75	\$0
37	Amortization and Regulatory Debits/Credits	1-Base TRR L 76	\$0
38	Total without True Up Incentive Adder	Sum Line 27 to Line 37	\$1,066,406,616
39	True Up Incentive Adder	15-IncentiveAdder L 20	\$26,918,854
<u>39a</u>	<u>True Up Incentive Adder Reversal</u>	<u>Negative of Line 39, Note 1</u>	<u>-\$26,918,854</u>
40	True Up TRR without Franchise Fees and Uncollectibles Expense included:	Line 38 + Line 39 <u>+ Line 39a</u>	\$1,066,406,616

E) Calculation of final True Up TRR with Franchise Fees and Uncollectibles Expenses

<u>Line</u>		<u>Reference:</u>
41	True Up TRR wo FF: \$1,066,406,616	Line 40
42	Franchise Fee Factor: 0.924%	28-FFU, L 5
43	Franchise Fee Expense: \$9,857,863	Line 41 * Line 42
44	Uncollectibles Expense Factor: 0.213%	28-FFU, L 5
45	Uncollectibles Expense: \$2,275,712	Line 43 * Line 44
46	True Up TRR: \$1,078,540,190	L 41 + L 43 + L 45

Settlement term 3: New Line 39a reversing Line 39 Incentive Adder. Will not apply to True Up Years of 2016 and 2017 as the True Up TRR for those years will be calculated pursuant to the Original Formula Rate (workpaper).

Instructions:

1) Use weighted average (by time) of the Return on Equity in effect during the Prior Year in determining the "Cost of Capital Rate" on Line 19 and the "Equity Rate of Return Including Preferred Stock" on Line 23 in the event that the ROE is revised during the Prior Year. In this event, the ROE used in Schedule 1 will differ from the ROE used in this Schedule 4, because the Schedule 1 ROE will be the most recent ROE, whereas the Schedule 4 Cost of Capital Rate and Equity Rate of Return including Com. + Pref. Stock will be based on the weighted-average ROE.

Calculation of weighted average Cost of Capital Rate in Prior Year:

If ROE does not change during year, then attribute all days to Line a "ROE at end of Prior Year" and none to "ROE at start of PY"

	<u>Percentage</u>	<u>Reference:</u>	<u>From</u>	<u>To</u>	<u>Days ROE In Effect</u>
a ROE at end of Prior Year	11.20%	See Line e below	Jan 1, 2018	Dec 31, 2018	365
b ROE start of Prior Year	11.20%	See Line f below			
c					Total days in year:
d Wtd. Avg. ROE in Prior Year					365
					$11.20\% \left((\text{Line a ROE} * \text{Line a days}) + (\text{Line b ROE} * \text{Line b days}) \right) / \text{Total Days in Year}$
					11.2% for 2018 True Up TRR pursuant to Settlement Term #3

Commission Decisions approving ROE:

Reference:

[Second Formula Rate ER18-169 Settlement](#)
[Second Formula Rate ER18-169 Settlement](#)

	<u>Percentage</u>	<u>Reference:</u>
g Wtd. Cost of Long Term Debt	2.1170%	1-Base TRR L 51
h Wtd.Cost of Preferred Stock	0.4601%	1-Base TRR L 52
i Wtd.Cost of Common Stock	5.2247%	1-Base TRR L 47 * Line d
j Cost of Capital Rate	7.8019%	Sum of Lines g to i

Calculation of Equity Rate of Return Including Common and Preferred Stock:

	<u>Percentage</u>	<u>Reference:</u>
k	5.6848%	Sum of Lines h to i

Notes:

[1\) True Up TRR Incentive Adder Reversal backs out the revenue requirement associated with any project-specific Incentive Adders \(line 39\) for True Up Years during the term of the Second Formula Rate. Applicable pursuant to settlement under ER18-169.](#)

Calculation of Components of Cost of Capital Rate

Line	Notes	Cells shaded yellow are input cells FERC Form 1 Reference or Instruction	2018	
			Value	
RETURN AND CAPITALIZATION CALCULATIONS				
<u>Line</u>	<u>Calculation of Long Term Debt Amount</u>			
1	Bonds -- Account 221	13-month avg.	5-ROR-2, Line 1	\$12,042,889,011
2	Less Reacquired Bonds -- Account 222	13-month avg.	5-ROR-2, Line 2	-\$9,230,769
2a	Long Term Debt Advances from Associated Companies -- Account 223	13-month avg.	5-ROR-2, Line 2a	\$0
3	Other Long Term Debt -- Account 224	13-month avg.	5-ROR-2, Line 3	\$288,062,764
4	Not Used			
5	Not Used			
6	Not Used			
7	Not Used			
8	Long Term Debt Amount			\$12,321,721,005
Calculation of Cost of Long-Term Debt				
9	Interest on Long-Term Debt -- Account 427	FF1 117.62c	\$549,367,056	
10	Amortization of Debt Discount and Expense -- Account 428	FF1 117.63c	\$11,795,239	
11	Amortization of Loss on Reacquired Debt -- Account 428.1	FF1 117.64c	\$14,594,851	
12	Less Amortization of Premium on Debt -- Account 429	FF1 117.65c	\$0	
13	Less Amort. of Gain on Reacquired Debt -- Account 429.1	FF1 117.66c	\$0	
13a	Interest on Debt to Associated Companies -- Account 430	FF1 117.67c	\$0	
14	Not Used			
15	Not Used			
16	Cost of Long Term Debt	Sum of Lines 9 to 13a	\$575,757,146	
17	Long-Term Debt Cost Percentage	Line 16 / Line 8	4.6727%	
Calculation of Preferred Stock Amount				
18	Preferred Stock Amount -- Account 204	13-month avg.	5-ROR-2, Line 18	\$2,245,054,950
19	Unamortized Issuance Costs	13-month avg.	5-ROR-2, Line 19	-\$38,577,832
20	Net Gain (Loss) From Purchase and Tender Offers	13-month avg.	5-ROR-2, Line 20	\$18,851,804
21	Preferred Stock Amount	Sum of Lines 18 to 20	\$2,187,625,314	
Calculation of Cost of Preferred Stock				
22	Cost of Preferred Stock -- Account 437	Enter positive	FF1 118.29c	\$120,926,594
23	Amortization of Net Gain (Loss) From Purchases and Tender Offers		See Note 3	\$779,760
24	Amortization Issuance Costs		See Note 4	\$3,420,000
25	Cost of Preferred Stock -- Account 437	Sum of Lines 22 to 24	\$125,126,354	
26	Preferred Stock Cost Percentage	Line 25 / Line 21	5.7197%	
Calculation of Common Stock Equity Amount				
27	Total Proprietary Capital	13-month avg.	5-ROR-2, Line 27	\$14,889,645,707
28	Less Preferred Stock Amount -- Account 204	Same as L 18, but negative	5-ROR-2, Line 18	-\$2,245,054,950
29	Minus Net Gain (Loss) From Purchase and Tender Offers	Same as L 20, but reverse sign	See Note 5	\$18,851,804
30	Less Unappropriated Undist. Sub. Earnings -- Acct. 216.1	13-month avg.	5-ROR-2, Line 30	\$2,603,863
31	Less Accumulated Other Comprehensive Loss -- Account 219	13-month avg.	5-ROR-2, Line 31	\$20,891,771
32	Common Stock Equity Amount	Sum of Lines 27 to 31	\$12,686,938,195	

Notes:

- 1) Not Used
- 2) Not Used
- 3) Total annual amortization associated with events listed in note 10 on 5-ROR-2.
- 4) Total annual amortization associated with preferred equity issues listed in note 9 on 5-ROR-2.
- 5) Negative of Line 20, charge to common equity reversed for ratemaking.

Calculation of 13-Month Average Capitalization Balances

Year 2018

Line	Item	Col 1 13-Month Avg.	Col 2 December	Col 3 January	Col 4 February	Col 5 March	Col 6 April	Col 7 May	Col 8 June	Col 9 July	Col 10 August	Col 11 September	Col 12 October	Col 13 November	Col 14 December
= Sum (Cols. 2-14)/13															

Bonds -- Account 221 (Note 1):

1	\$12,042,889,011	\$10,717,971,429	\$10,717,971,429	\$10,678,685,714	\$11,928,685,714	\$11,771,185,714	\$11,771,185,714	\$12,421,185,714	\$12,421,185,714	\$12,831,900,000	\$12,831,900,000	\$12,831,900,000	\$12,831,900,000	\$12,801,900,000
---	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------

Reacquired Bonds -- Account 222 (Note 2): enter - of FF1

2	-\$9,230,769	-\$30,000,000	-\$30,000,000	-\$30,000,000	-\$30,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Long Term Debt Advances from Associated Companies (Note 2a):

2a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Other Long Term Debt -- Account 224 (Note 3):

3	\$288,062,764	\$306,557,633	\$306,552,164	\$306,546,671	\$306,541,155	\$276,535,616	\$276,530,053	\$276,524,467	\$276,518,857	\$276,513,224	\$276,507,567	\$276,501,886	\$276,496,181	\$306,490,453
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**ROR-2 equivalent to TO12
(using TO2020 data for this TO2020 Spreadsheet)
pursuant to settlement term #2**

ROR-3 and ROR-4 Deleted

Preferred Stock Amount -- Account 204 (Note 8):

18	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950
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Unamortized Issuance Costs (Note 9): enter negative

19	-\$38,577,832	-\$40,285,039	-\$40,000,504	-\$39,715,970	-\$39,431,435	-\$39,146,901	-\$38,862,366	-\$38,577,832	-\$38,293,298	-\$38,008,763	-\$37,724,229	-\$37,439,694	-\$37,155,160	-\$36,870,625
----	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

Net Gain (Loss) From Purchase and Tender Offers Note 10:

20	-\$18,851,804	-\$19,365,634	-\$19,279,996	-\$19,194,357	-\$19,108,719	-\$19,023,081	-\$18,937,442	-\$18,851,804	-\$18,766,165	-\$18,680,527	-\$18,594,888	-\$18,509,250	-\$18,423,611	-\$18,337,973
----	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

Total Proprietary Capital (Note 11):

27	\$14,889,645,707	\$14,671,722,293	\$14,805,532,521	\$14,678,804,648	\$14,747,684,711	\$14,822,659,312	\$14,926,004,852	\$14,945,615,586	\$15,088,539,996	\$15,037,705,407	\$15,216,742,736	\$15,356,052,717	\$15,482,514,949	\$13,785,814,466
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Unappropriated Undist. Sub. Earnings -- Acct. 216.1 (Note 12): enter - of FF1

30	\$2,603,863	\$2,603,481	\$2,603,481	\$2,603,481	\$2,603,735	\$2,603,945	\$2,603,951	\$2,603,951	\$2,603,951	\$2,604,008	\$2,604,008	\$2,604,008	\$2,604,108	\$2,604,107
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Accumulated Other Comprehensive Loss -- Account 219 (Note 13): enter - of FF1

31	\$20,891,771	\$18,721,643	\$22,844,512	\$22,376,228	\$20,127,638	\$21,827,335	\$21,354,352	\$21,278,442	\$20,805,458	\$20,332,475	\$20,256,565	\$19,783,581	\$19,310,598	\$22,574,194
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Instructions:

- 1) Enter 13 months of balances for capital structure for Prior Year and December previous to Prior Year in Columns 2-14.

Beginning and End of year amounts in Columns 2 and 14 are from FERC Form 1, as referenced in below notes.

2) NOT USED

- 3) Update notes 9 and 10 as necessary.

Notes:

1) Amount in Column 2 from FF1 112.18d, amount in Column 14 from FF1 112.18c, amounts in columns 3-13 from SCE internal records.

2) Amount in Column 2 from FF1 112.19d, amount in Column 14 from FF1 112.19c, amounts in columns 3-13 from SCE internal records.

2a) Amount in Column 2 from FF1 112.20d, amount in Column 14 from FF1 112.20c, amounts in columns 3-13 from SCE internal records.

3) Amount in Column 2 from FF1 112.21d, amount in Column 14 from FF1 112.21c, amounts in columns 3-13 from SCE internal records.

4) NOT USED

5) NOT USED

6) NOT USED

7) NOT USED

8) Amount in Column 2 from FF1 112.3d, amount in Column 14 from FF1 112.3c, amounts in columns 3-13 from SCE internal records.

9) Amounts in columns 2-14 are from SCE internal records.

List associated securities, Face Amount, Issuance Date, Issuance Costs, Amortization Period, and Annual Amortization:

Issue	Face Amount	Issuance Date	Issuance Costs	Period (Years)	Annual Amortization	Amortization	
						Notes	
Series E Pref., 6.250%	\$350,000,000	1/17/12	\$5,957,289	10	\$595,729		
Series G Pref., 5.100%	\$400,000,000	1/29/13	\$12,972,286	30	\$432,410		
Series H, Pref., 5.75%	\$275,000,000	3/6/14	\$6,272,358	10	\$627,236		
Series J., Pref., 5.375%	\$325,000,000	8/24/15	\$6,419,578	10	\$641,958		

Deleted Pursuant to Settlement Term #2

Deleted Pursuant to Settlement Term #2

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Plant In Service

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Plant In Service

Inputs are shaded yellow

1) Transmission Plant - ISO

Balances for Transmission Plant - ISO during the Prior Year, including December of previous year (See Note 1):

Prior Year: **2018**

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
Line	Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Total	Sum C2 - C11
1	Dec 2017	\$87,876,203	164,901,118	\$569,698,023	\$3,409,447,774	\$2,283,380,922	\$364,424,080	\$1,245,933,686	\$190,222,489	\$84,920,374	\$172,640,885	\$8,573,445,554	
2	Jan 2018	\$87,726,550	\$164,912,802	\$572,332,929	\$3,412,113,168	\$2,283,554,236	\$365,210,290	\$1,262,415,948	\$190,266,139	\$84,940,910	\$172,627,083	\$8,596,100,056	
3	Feb 2018	\$87,725,072	\$164,931,368	\$575,091,120	\$3,418,289,127	\$2,283,947,645	\$366,128,750	\$1,263,115,451	\$190,339,338	\$84,952,339	\$172,672,088	\$8,607,192,297	
4	Mar 2018	\$87,282,778	\$164,965,584	\$577,997,994	\$3,426,831,317	\$2,284,109,107	\$368,947,731	\$1,265,485,090	\$190,420,082	\$83,759,857	\$172,736,334	\$8,622,535,874	
5	Apr 2018	\$87,297,163	\$164,964,204	\$581,033,321	\$3,431,680,464	\$2,284,271,822	\$370,175,481	\$1,264,883,890	\$190,542,108	\$83,819,140	\$172,689,916	\$8,631,357,509	
6	May 2018	\$87,298,132	\$164,972,545	\$580,581,318	\$3,433,781,768	\$2,284,323,095	\$370,936,066	\$1,270,451,267	\$190,615,516	\$83,855,423	\$172,705,863	\$8,639,520,992	
7	Jun 2018	\$87,307,462	\$165,165,006	\$585,796,088	\$3,444,242,238	\$2,284,518,162	\$371,768,074	\$1,271,328,346	\$190,661,684	\$83,878,067	\$172,883,402	\$8,657,548,529	
8	Jul 2018	\$87,306,976	\$165,176,355	\$589,092,910	\$3,447,324,975	\$2,284,562,680	\$372,042,703	\$1,272,813,056	\$190,691,597	\$83,892,934	\$172,836,726	\$8,665,740,912	
9	Aug 2018	\$87,330,957	\$165,183,770	\$597,444,040	\$3,455,667,216	\$2,284,539,001	\$381,776,186	\$1,288,343,514	\$190,713,761	\$83,903,902	\$172,900,765	\$8,707,803,114	
10	Sep 2018	\$87,331,479	\$165,177,384	\$604,383,753	\$3,456,584,434	\$2,284,549,099	\$383,272,978	\$1,289,977,383	\$190,781,811	\$83,936,902	\$172,921,318	\$8,718,916,541	
11	Oct 2018	\$87,345,207	\$165,189,259	\$607,654,477	\$3,452,212,581	\$2,284,577,055	\$384,624,602	\$1,292,243,484	\$190,831,339	\$83,961,794	\$173,487,024	\$8,722,126,822	
12	Nov 2018	\$87,344,391	\$165,233,271	\$610,126,156	\$3,458,389,095	\$2,284,536,273	\$385,813,372	\$1,293,205,824	\$190,855,520	\$83,971,831	\$173,636,577	\$8,733,112,310	
13	Dec 2018	\$87,352,690	\$165,261,947	\$643,675,310	\$3,459,763,553	\$2,284,709,795	\$386,542,291	\$1,311,509,387	\$190,891,202	\$83,989,219	\$173,783,603	\$8,787,478,998	
14	13-Mo. Avg:	\$87,425,005	\$165,079,586	\$591,915,957	\$3,438,948,285	\$2,284,275,299	\$374,743,277	\$1,276,285,102	\$190,602,507	\$84,137,130	\$172,963,199	\$8,666,375,347	

2) Distribution Plant - ISO

Balances for Distribution Plant - ISO for December of Prior Year and year before Prior Year (See Note 2)

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	Sum C2 - C4
Line	Mo/YR	360	361	362	Total		
15	Dec 2017		\$0	\$0	\$0	\$0	
16	Dec 2018		\$0	\$0	\$0	\$0	
17	Average:		\$0	\$0	\$0	\$0	

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3) ISO Transmission Plant

ISO Transmission Plant is the sum of "Transmission Plant - ISO" and "Distribution Plant - ISO"

	Amount	Source
18	Average value: \$8,666,375,347	Sum of Line 14, Col 12 and Line 17, Col 5
19	EOY Value: \$8,787,478,998	Sum of Line 13, Col 12 and Line 16, Col 5

4) General Plant + Electric Miscellaneous Intangible Plant ("G&I Plant")

General and Intangible Plant is an allocated portion of Total G&I Plant based on the Trans. W&S Allocation Factor

	Note 1 Prior Year Month	Data Source	Col 1 General Plant Balances	Col 2 Intangible Plant Balances	Col 3 Total G&I Plant Balances	Notes
20	December	FF1 206.99.b and 204.5b	\$3,102,162,333	\$1,324,870,316	\$4,427,032,649	BOY amount from previous PY
21	December	FF1 207.99.g and 205.5g	\$3,095,312,496	\$1,211,743,818	\$4,307,056,314	End of year ("EOY") amount
a) BOY/EOY Average G&I Plant						
22	Average BOY/EOY Value:		\$4,367,044,482	Average of Line 20 and 21.		
23	Transmission W&S Allocation Factor:		5.7427%	27-Allocators, Line 5 9		
24	General + Intangible Plant:		\$250,784,299	Line 22 * Line 23.		
b) EOY G&I Plant						
25	EOY Value:		\$4,307,056,314	Line 21.		
26	Transmission W&S Allocation Factor:		5.7427%	27-Allocators, Line 5 9		
27	General + Intangible Plant:		\$247,339,385	Line 25 * Line 26.		

Transmission Activity Used to Determine Monthly Transmission Plant - ISO Balances

1) Total Transmission Plant Balances by Account (See Note 3)

Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	
Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Total	
28	Dec 2017	\$132,152,045	\$211,042,975	\$879,621,910	\$5,902,949,228	\$2,343,145,352	\$1,292,702,467	\$1,524,531,167	\$256,348,021	\$376,710,004	\$193,773,411	\$13,112,976,580
29	Jan 2018	\$132,002,194	\$211,061,379	\$883,614,185	\$5,912,927,542	\$2,343,801,080	\$1,300,634,528	\$1,556,508,082	\$258,389,963	\$381,423,089	\$193,796,222	\$13,174,158,265
30	Feb 2018	\$132,000,716	\$211,091,194	\$887,792,515	\$5,936,193,717	\$2,341,991,366	\$1,309,042,930	\$1,557,716,059	\$258,465,857	\$381,501,896	\$193,844,025	\$13,209,640,275
31	Mar 2018	\$131,553,679	\$211,146,072	\$892,557,739	\$5,967,886,747	\$2,338,465,088	\$1,335,127,949	\$1,565,033,201	\$259,085,544	\$380,559,669	\$193,910,445	\$13,275,326,131
32	Apr 2018	\$131,563,543	\$211,143,564	\$897,155,828	\$5,986,255,168	\$2,339,813,420	\$1,346,959,846	\$1,563,864,931	\$264,372,295	\$382,209,406	\$193,791,233	\$13,317,129,234
33	May 2018	\$131,562,039	\$211,156,537	\$896,518,649	\$5,995,211,917	\$2,340,779,688	\$1,354,095,466	\$1,573,775,490	\$265,260,198	\$383,575,877	\$193,807,913	\$13,345,743,773
34	Jun 2018	\$131,571,369	\$211,464,950	\$904,257,705	\$6,016,839,046	\$2,341,316,407	\$1,360,640,150	\$1,575,001,854	\$265,658,046	\$385,903,312	\$193,987,418	\$13,386,640,254
35	Jul 2018	\$131,570,853	\$211,482,836	\$909,225,319	\$6,028,396,139	\$2,341,638,296	\$1,364,401,442	\$1,577,651,216	\$265,816,143	\$386,315,435	\$193,941,498	\$13,410,439,175
36	Aug 2018	\$131,590,862	\$211,494,702	\$916,991,328	\$6,041,683,890	\$2,354,634,553	\$1,456,568,002	\$1,608,031,924	\$266,024,387	\$386,759,045	\$194,055,427	\$13,567,834,120
37	Sep 2018	\$131,591,383	\$211,483,746	\$927,495,762	\$6,045,058,099	\$2,358,493,307	\$1,470,663,403	\$1,611,187,771	\$268,039,958	\$389,890,506	\$194,084,632	\$13,607,988,567
38	Oct 2018	\$131,602,725	\$211,502,720	\$932,408,822	\$6,028,403,511	\$2,356,531,854	\$1,483,457,844	\$1,615,595,396	\$267,202,745	\$390,891,957	\$195,116,886	\$13,612,714,460
39	Nov 2018	\$131,605,853	\$211,571,363	\$936,123,141	\$6,051,481,092	\$2,356,826,642	\$1,492,485,756	\$1,617,144,681	\$270,411,211	\$398,292,964	\$195,317,099	\$13,661,259,803
40	Dec 2018	\$131,612,781	\$211,617,314	\$983,751,073	\$6,072,137,167	\$2,355,779,001	\$1,500,195,881	\$1,653,093,431	\$271,487,039	\$399,339,545	\$195,497,058	\$13,774,510,290

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2) Total Transmission Activity by Account (See Note 4):

<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
											Sum C2 - C11
<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
41 Jan 2018	-\$149,851	\$18,404	\$3,992,276	\$9,978,314	\$655,728	\$7,932,061	\$31,976,915	\$2,041,942	\$4,713,085	\$22,811	\$61,181,685
42 Feb 2018	-\$1,478	\$29,815	\$4,178,330	\$23,266,175	-\$1,809,714	\$8,408,402	\$1,207,977	\$75,893	\$78,807	\$47,803	\$35,482,010
43 Mar 2018	-\$447,037	\$54,878	\$4,765,224	\$31,693,030	-\$3,526,280	\$26,085,020	\$7,317,142	\$619,688	-\$942,227	\$66,420	\$65,685,856
44 Apr 2018	\$9,865	-\$2,509	\$4,598,088	\$18,368,421	\$1,348,334	\$11,831,897	-\$1,168,270	\$5,286,750	\$1,649,737	-\$119,212	\$41,803,102
45 May 2018	-\$1,505	\$12,973	-\$637,179	\$8,956,749	\$966,267	\$7,135,620	\$9,910,560	\$887,903	\$1,366,472	\$16,680	\$28,614,540
46 Jun 2018	\$9,330	\$308,412	\$7,739,056	\$21,627,129	\$536,720	\$6,544,684	\$1,226,363	\$397,849	\$2,327,434	\$179,504	\$40,896,481
47 Jul 2018	-\$516	\$17,887	\$4,967,614	\$11,557,094	\$321,889	\$3,761,292	\$2,649,362	\$158,096	\$412,123	-\$45,919	\$23,798,921
48 Aug 2018	\$20,009	\$11,866	\$7,766,009	\$13,287,751	\$12,996,257	\$92,166,560	\$30,380,708	\$208,245	\$443,611	\$113,929	\$157,394,944
49 Sep 2018	\$522	-\$10,955	\$10,504,434	\$3,374,208	\$3,858,754	\$14,095,401	\$3,155,847	\$2,015,571	\$3,131,461	\$29,205	\$40,154,447
50 Oct 2018	\$11,342	\$18,974	\$4,913,060	-\$16,654,588	-\$1,961,452	\$12,794,441	\$4,407,625	-\$837,213	\$1,001,451	\$1,032,254	\$4,725,893
51 Nov 2018	\$3,129	\$68,643	\$3,714,319	\$23,077,581	\$294,788	\$9,027,912	\$1,549,286	\$3,208,467	\$7,401,007	\$200,213	\$48,545,343
52 Dec 2018	\$6,928	\$45,951	\$47,627,932	\$20,656,075	-\$1,047,641	\$7,710,125	\$35,948,750	\$1,075,828	\$1,046,581	\$179,959	\$113,250,487
53 Total:	-\$539,264	\$574,339	\$104,129,163	\$169,187,939	\$12,633,649	\$207,493,414	\$128,562,264	\$15,139,018	\$22,629,542	\$1,723,647	\$661,533,710

3) ISO Incentive Plant Balances (See Note 5)

<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
											Sum C2 - C11
<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
54 Dec 2017	\$20,866,624	\$95,067,405	\$273,150,052	\$1,176,074,826	\$1,762,377,599	\$154,450,782	\$818,269,307	\$189,937,751	\$82,820,739	\$146,444,294	\$ 4,719,459,379
55 Jan 2018	\$20,716,896	\$95,067,934	\$273,150,546	\$1,176,090,778	\$1,762,553,462	\$154,393,454	\$818,604,627	\$189,980,222	\$82,841,987	\$146,386,551	\$ 4,719,786,457
56 Feb 2018	\$20,715,417	\$95,067,829	\$273,152,501	\$1,176,075,018	\$1,762,935,232	\$154,427,757	\$818,774,251	\$190,053,420	\$82,853,426	\$146,428,196	\$ 4,720,483,047
57 Mar 2018	\$20,271,315	\$95,067,750	\$272,452,646	\$1,176,229,749	\$1,763,077,211	\$154,500,278	\$815,988,109	\$190,133,846	\$81,660,982	\$146,489,833	\$ 4,715,871,721
58 Apr 2018	\$20,283,976	\$95,068,241	\$272,454,931	\$1,176,180,915	\$1,763,246,190	\$154,476,253	\$815,977,852	\$190,252,825	\$81,720,506	\$146,530,781	\$ 4,716,192,471
59 May 2018	\$20,284,001	\$95,068,893	\$272,362,324	\$1,175,798,518	\$1,763,302,297	\$154,484,291	\$817,019,208	\$190,325,752	\$81,756,991	\$146,545,848	\$ 4,716,948,123
60 Jun 2018	\$20,293,331	\$95,068,893	\$272,677,903	\$1,182,213,351	\$1,763,499,169	\$154,641,942	\$817,532,298	\$190,371,713	\$81,779,985	\$146,721,029	\$ 4,724,799,614
61 Jul 2018	\$20,292,833	\$95,069,391	\$272,732,016	\$1,182,225,861	\$1,763,545,152	\$154,504,985	\$817,803,328	\$190,401,550	\$81,794,912	\$146,673,445	\$ 4,725,043,472
62 Aug 2018	\$20,315,300	\$95,069,418	\$282,218,761	\$1,188,776,363	\$1,763,590,258	\$154,507,584	\$817,858,375	\$190,423,605	\$81,805,946	\$146,677,706	\$ 4,741,243,217
63 Sep 2018	\$20,315,822	\$95,070,616	\$282,239,983	\$1,188,803,424	\$1,763,620,688	\$154,517,162	\$817,906,194	\$190,490,506	\$81,839,416	\$146,687,777	\$ 4,741,491,587
64 Oct 2018	\$20,328,640	\$95,070,708	\$282,323,226	\$1,188,881,557	\$1,763,638,134	\$154,518,009	\$817,940,619	\$190,540,557	\$81,864,456	\$146,693,541	\$ 4,741,799,445
65 Nov 2018	\$20,329,328	\$95,073,836	\$282,383,161	\$1,188,934,881	\$1,763,599,124	\$154,781,401	\$818,291,304	\$190,562,859	\$81,875,614	\$146,782,293	\$ 4,742,613,801
66 Dec 2018	\$20,337,104	\$95,073,836	\$288,607,910	\$1,183,323,684	\$1,763,766,195	\$154,686,218	\$818,206,860	\$190,597,928	\$81,893,158	\$146,889,793	\$ 4,743,382,686

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4) ISO Incentive Plant Activity (See Note 6)

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u> Sum C2 - C11
	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
67	Jan 2018	(\$149,728)	\$528	\$494	\$15,952	\$175,863	(\$57,328)	\$335,320	\$42,471	\$21,248	(\$57,743)	\$327,078
68	Feb 2018	(\$1,478)	(\$105)	\$1,954	(\$15,760)	\$381,770	\$34,303	\$169,623	\$73,198	\$11,439	\$41,646	\$696,590
69	Mar 2018	(\$444,103)	(\$79)	(\$699,855)	\$154,731	\$141,980	\$72,521	(\$2,786,141)	\$80,426	(\$1,192,444)	\$61,637	(\$4,611,326)
70	Apr 2018	\$12,661	\$491	\$2,285	(\$48,834)	\$168,979	(\$24,026)	(\$10,257)	\$118,979	\$59,524	\$40,948	\$320,750
71	May 2018	\$25	\$652	(\$92,607)	(\$382,397)	\$56,106	\$8,038	\$1,041,356	\$72,927	\$36,485	\$15,067	\$755,652
72	Jun 2018	\$9,330	\$0	\$315,580	\$6,414,833	\$196,873	\$157,650	\$513,090	\$45,961	\$22,994	\$175,181	\$7,851,490
73	Jul 2018	(\$498)	\$498	\$54,112	\$12,510	\$45,983	(\$136,957)	\$271,030	\$29,837	\$14,927	(\$47,584)	\$243,858
74	Aug 2018	\$22,467	\$27	\$9,486,746	\$6,550,502	\$45,106	\$2,599	\$55,048	\$22,055	\$11,034	\$4,162	\$16,199,745
75	Sep 2018	\$522	\$1,198	\$21,222	\$27,061	\$30,430	\$9,578	\$47,819	\$66,901	\$33,470	\$10,170	\$248,371
76	Oct 2018	\$12,818	\$92	\$83,243	\$78,133	\$17,446	\$847	\$34,425	\$50,051	\$25,040	\$5,764	\$307,858
77	Nov 2018	\$689	\$3,129	\$59,935	\$53,324	(\$39,010)	\$263,392	\$350,685	\$22,302	\$11,158	\$88,752	\$814,355
78	Dec 2018	<u>\$7,776</u>	<u>\$0</u>	<u>\$6,224,749</u>	<u>(\$5,611,197)</u>	<u>\$167,071</u>	<u>(\$95,183)</u>	<u>(\$84,444)</u>	<u>\$35,069</u>	<u>\$17,545</u>	<u>\$107,500</u>	<u>\$768,886</u>
79	Total:	(\$529,520)	\$6,431	\$15,457,858	\$7,248,858	\$1,388,596	\$235,436	(\$62,446)	\$660,176	(\$927,581)	\$445,499	\$23,923,307

5) Total Transmission Activity Not Including Incentive Plant Activity (See Note 7):

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u> Sum C2 - C11
	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
80	Jan 2018	-\$123	\$17,876	\$3,991,781	\$9,962,362	\$479,865	\$7,989,389	\$31,641,595	\$1,999,471	\$4,691,838	\$80,554	\$60,854,607
81	Feb 2018	\$0	\$29,920	\$4,176,375	\$23,281,935	-\$2,191,484	\$8,374,099	\$1,038,353	\$2,696	\$67,369	\$6,157	\$34,785,420
82	Mar 2018	-\$2,934	\$54,957	\$5,465,078	\$31,538,299	-\$3,668,260	\$26,012,498	\$10,103,283	\$539,262	\$250,216	\$4,783	\$70,297,182
83	Apr 2018	-\$2,796	-\$3,000	\$4,595,804	\$18,417,255	\$1,179,356	\$11,855,922	-\$1,158,013	\$5,167,771	\$1,590,213	-\$160,159	\$41,482,352
84	May 2018	-\$1,530	\$12,321	-\$544,572	\$9,339,146	\$910,161	\$7,127,582	\$8,869,204	\$814,976	\$1,329,987	\$1,613	\$27,858,887
85	Jun 2018	\$0	\$308,412	\$7,423,476	\$15,212,296	\$339,847	\$6,387,033	\$713,273	\$351,888	\$2,304,441	\$4,323	\$33,044,991
86	Jul 2018	-\$18	\$17,389	\$4,913,501	\$11,544,583	\$275,906	\$3,898,249	\$2,378,333	\$128,259	\$397,196	\$1,665	\$23,555,063
87	Aug 2018	-\$2,458	\$11,839	-\$1,720,736	\$6,737,249	\$12,951,151	\$92,163,962	\$30,325,660	\$186,190	\$432,577	\$109,767	\$141,195,200
88	Sep 2018	\$0	-\$12,154	\$10,483,212	\$3,347,148	\$3,828,324	\$14,085,823	\$3,108,028	\$1,948,670	\$3,097,991	\$19,035	\$39,906,077
89	Oct 2018	-\$1,476	\$18,882	\$4,829,817	-\$16,732,720	-\$1,978,898	\$12,793,594	\$4,373,200	-\$887,265	\$976,410	\$1,026,490	\$4,418,035
90	Nov 2018	\$2,440	\$65,514	\$3,654,384	\$23,024,257	\$333,797	\$8,764,520	\$1,198,601	\$3,186,164	\$7,389,849	\$111,461	\$47,730,988
91	Dec 2018	<u>\$849</u>	<u>\$45,951</u>	<u>\$41,403,183</u>	<u>\$26,267,272</u>	<u>-\$1,214,711</u>	<u>\$7,805,308</u>	<u>\$36,033,193</u>	<u>\$1,040,759</u>	<u>\$1,029,036</u>	<u>\$72,459</u>	<u>\$112,481,601</u>
92	Total:	-\$9,744	\$567,908	\$88,671,305	\$161,939,081	\$11,245,053	\$207,257,978	\$128,624,710	\$14,478,841	\$23,557,123	\$1,278,148	\$637,610,403

6) Total Monthly Transmission Activity as a Percent of Annual Transmission Activity (See Note 8)

	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>
93	Jan 2018	1.3%	3.1%	4.5%	6.2%	4.3%	3.9%	24.6%	13.8%	19.9%	6.3%
94	Feb 2018	0.0%	5.3%	4.7%	14.4%	-19.5%	4.0%	0.8%	0.0%	0.3%	0.5%
95	Mar 2018	30.1%	9.7%	6.2%	19.5%	-32.6%	12.6%	7.9%	3.7%	1.1%	0.4%
96	Apr 2018	28.7%	-0.5%	5.2%	11.4%	10.5%	5.7%	-0.9%	35.7%	6.8%	-12.5%
97	May 2018	15.7%	2.2%	-0.6%	5.8%	8.1%	3.4%	6.9%	5.6%	5.6%	0.1%
98	Jun 2018	0.0%	54.3%	8.4%	9.4%	3.0%	3.1%	0.6%	2.4%	9.8%	0.3%
99	Jul 2018	0.2%	3.1%	5.5%	7.1%	2.5%	1.9%	1.8%	0.9%	1.7%	0.1%
100	Aug 2018	25.2%	2.1%	-1.9%	4.2%	115.2%	44.5%	23.6%	1.3%	1.8%	8.6%
101	Sep 2018	0.0%	-2.1%	11.8%	2.1%	34.0%	6.8%	2.4%	13.5%	13.2%	1.5%
102	Oct 2018	15.1%	3.3%	5.4%	-10.3%	-17.6%	6.2%	3.4%	-6.1%	4.1%	80.3%
103	Nov 2018	-25.0%	11.5%	4.1%	14.2%	3.0%	4.2%	0.9%	22.0%	31.4%	8.7%
104	Dec 2018	8.7%	8.1%	46.7%	16.2%	-10.8%	3.8%	28.0%	7.2%	4.4%	5.7%

Schedule 6
Plant In Service

TO2020 Annual Update
Attachment 5, Settlement Model
2018 True Up TRR

4) Calculation of change in Non-Incentive ISO Plant:

A) Change in ISO Plant Balance December to December (See Note 9)

	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
105	-\$523,513	\$360,829	\$73,977,287	\$50,315,779	\$1,328,873	\$22,118,211	\$65,575,701	\$668,714	-\$931,155	\$1,142,717	\$214,033,444

B) Change in Incentive ISO Plant (See Note 10)

	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
106	-\$529,520	\$6,431	\$15,457,858	\$7,248,858	\$1,388,596	\$235,436	-\$62,446	\$660,176	-\$927,581	\$445,499	\$23,923,307

C) Change in Non-Incentive ISO Plant (See Note 11)

	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
107	\$6,007	\$354,398	\$58,519,429	\$43,066,921	-\$59,723	\$21,882,775	\$65,638,148	\$8,537	-\$3,574	\$697,219	\$190,110,137

5) Other ISO Transmission Activity without Incentive Plant Activity (See Note 12):

<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
Sum C2 - C11											
<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
108 Jan 2018	\$76	\$11,155	\$2,634,412	\$2,649,442	-\$2,549	\$843,538	\$16,146,942	\$1,179	-\$712	\$43,941	\$22,327,425
109 Feb 2018	\$0	\$18,671	\$2,756,237	\$6,191,719	\$11,639	\$884,157	\$529,879	\$2	-\$10	\$3,359	\$10,395,652
110 Mar 2018	\$1,809	\$34,295	\$3,606,728	\$8,387,459	\$19,482	\$2,746,460	\$5,155,781	\$318	-\$38	\$2,609	\$19,954,903
111 Apr 2018	\$1,724	-\$1,872	\$3,033,042	\$4,897,981	-\$6,264	\$1,251,776	-\$590,943	\$3,047	-\$241	-\$87,366	\$8,500,884
112 May 2018	\$943	\$7,689	-\$359,395	\$2,483,701	-\$4,834	\$752,546	\$4,526,021	\$481	-\$202	\$880	\$7,407,830
113 Jun 2018	\$0	\$192,462	\$4,899,190	\$4,045,637	-\$1,805	\$674,358	\$363,989	\$207	-\$350	\$2,358	\$10,176,047
114 Jul 2018	\$11	\$10,851	\$3,242,710	\$3,070,227	-\$1,465	\$411,586	\$1,213,681	\$76	-\$60	\$908	\$7,948,524
115 Aug 2018	\$1,515	\$7,388	-\$1,135,615	\$1,791,739	-\$68,784	\$9,730,884	\$15,475,410	\$110	-\$66	\$59,877	\$25,862,457
116 Sep 2018	\$0	-\$7,584	\$6,918,491	\$890,158	-\$20,332	\$1,487,214	\$1,586,050	\$1,149	-\$470	\$10,383	\$10,865,057
117 Oct 2018	\$910	\$11,783	\$3,187,482	-\$4,449,987	\$10,510	\$1,350,777	\$2,231,677	-\$523	-\$148	\$559,942	\$2,902,422
118 Nov 2018	-\$1,504	\$40,884	\$2,411,744	\$6,123,191	-\$1,773	\$925,378	\$611,655	\$1,879	-\$1,121	\$60,801	\$10,171,133
119 Dec 2018	<u>\$523</u>	<u>\$28,675</u>	<u>\$27,324,405</u>	<u>\$6,985,655</u>	<u>\$6,451</u>	<u>\$824,102</u>	<u>\$18,388,007</u>	<u>\$614</u>	<u>-\$156</u>	<u>\$39,526</u>	<u>\$53,597,802</u>
120 Total:	\$6,007	\$354,398	\$58,519,429	\$43,066,921	-\$59,723	\$21,882,775	\$65,638,148	\$8,537	-\$3,574	\$697,219	\$190,110,137

Notes:

1) Amounts on Line 13 from corresponding account Schedule 7, column 2.

Amounts on Line 1 must match corresponding account Schedule 7, Column 2 for previous year.

The amounts for each month on the remaining lines are calculated by summing the following values:

a) Other ISO Transmission Activity without Incentive Plant Activity on Lines 108-119 for the same month;

b) ISO Incentive Plant Activity on Lines 67 to 78 for the same month; and

c) The previous month balance of the Transmission Plant - ISO amounts on Lines 1-13.

For instance, the amount for May of the Prior Year (on Line 6) for Account 353 (Column 5) is the sum of the following values:

a) the "Other ISO Transmission Activity without Incentive Plant Activity" for May of the Prior Year (on Line 112, Column 5);

b) the "ISO Incentive Plant Activity" for May of the Prior Year (on Line 71, Column 5);

c) and the "Transmission Plant - ISO" amount for April of the Prior Year (on Line 5, Column 5).

2) Amounts on Line 15 must match 6-Plant Study amounts for Distribution Plant - ISO for previous year.

Amounts on Line 16 must match amounts on 6-PlantStudy for Distribution Plant - ISO.

3) Reconciles to BOY and EOY FERC Form 1 (FF1 207, Lines 48-56 , Column g).

4) Includes recorded Transmission Plant-In-Service additions, retirements, transfers and adjustments. From SCE internal accounting records.

5) Includes balances for SCE Incentive Projects.

6) Monthly differences from previous matrix. Other columns from SCE internal accounting records.

7) Amount in matrix on lines 41 to 52 minus amount in matrix on lines 67 to 78

8) Amount in "Total Transmission Activity Not Including Incentive Plant Activity" matrix divided by Total on Line 92 for each account/month.

9) Amount on Line 13 less amount on Line 1 for each account.

10) Line 79

11) Amount on Line 105 less amount on Line 106 for each account.

12) For each column (FERC Account) divide Line 107 by Line 92 to arrive at a ratio for each column.

Apply the ratio of each column to each monthly value from Lines 80-91 to calculate the values for the corresponding months listed in Lines 108-119.

Schedule 7
Transmission Plant Study Summary

TO2020 Annual Update
Attachment 5, Settlement Model
2018 True Up TRR

Transmission Plant Study

Input cells are shaded yellow

A) Plant Classified as Transmission in FERC Form 1 for Prior Year: Prior Year: **2018**

<u>Line</u>	<u>Account</u>	<u>Total Plant</u>	<u>Data Source</u>	<u>Transmission Plant - ISO</u>	<u>ISO % of Total</u>	<u>Notes</u>
1						
2	Substation					
3	352	\$983,751,073	FF1 207.49g	\$643,675,310	65.43%	
4	353	\$6,072,137,167	FF1 207.50g	\$3,459,763,553	56.98%	
5	Total Substation	\$7,055,888,240	L 3 + L 4	\$4,103,438,863	58.16%	
6						
7	Land					
8	350	\$343,230,095	FF1 207.48g	\$252,614,637	73.60%	
9						
10	Total Substation and Land	\$7,399,118,335	L 5 + L 8	\$4,356,053,500	58.87%	
11						
12	Lines					
13	354	\$2,355,779,001	FF1 207.51g	\$2,284,709,795	96.98%	
14	355	\$1,500,195,881	FF1 207.52g	\$386,542,291	25.77%	
15	356	\$1,653,093,431	FF1 207.53g	\$1,311,509,387	79.34%	
16	357	\$271,487,039	FF1 207.54g	\$190,891,202	70.31%	
17	358	\$399,339,545	FF1 207.55g	\$83,989,219	21.03%	
18	359	\$195,497,058	FF1 207.56g	\$173,783,603	88.89%	
19	Total Lines	\$6,375,391,955	Sum L13 to L18	\$4,431,425,498	69.51%	
20						
21	Total Transmission	\$13,774,510,290	L 10 + L 19	\$8,787,478,998	63.80%	Note 1

B) Plant Classified as Distribution in FERC Form 1:

<u>Line</u>	<u>Account</u>	<u>Total Plant</u>	<u>Data Source</u>	<u>Distribution Plant - ISO</u>	<u>ISO % of Total</u>	
22						
23	Land:					
24	360	\$126,028,197	FF1 207.60g	\$0	0.00%	
25	Structures:					
26	361	\$696,502,262	FF1 207.61g	\$0	0.00%	
27	362	\$2,727,819,402	FF1 207.62g	\$0	0.00%	
28	Total Structures	\$3,424,321,664	L 26 + L 27	\$0	0.00%	
29						
30	Total Distribution	\$3,550,349,861	L 24 + L 28	\$0	0.00%	Note 2

Notes:

- 1) Total transmission does not include account 359.1 "Asset Retirement Costs for Transmission Plant"
Total on this line is also equal to FF1 207.58g (Total Transmission Plant)
less FF1 207.57g (Asset Retirement Costs for Transmission Plant).
- 2) Only accounts 360-362 included as there is no ISO plant in any other Distribution accounts.

Instructions:

- 1) Perform annual Transmission Study pursuant to instructions in tariff.
- 2) Enter total amounts of plant from FERC Form 1 in Column 1, "Total Plant".
- 3) Enter ISO portion of plant in Column 2, "Transmission Plant - ISO, or "Distribution Plant - ISO".

Schedule 8
Accumulated Depreciation

TO2020 Annual Update
Attachment 5, Settlement Model
2018 True Up TRR

Accumulated Depreciation Reserve

Input cells are shaded yellow

1) Transmission Depreciation Reserve - ISO

Prior Year: **2018**

Balances for Transmission Depreciation Reserve - ISO during the Prior Year, including December of previous year (See Note 1):

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
<u>Line</u>	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	Total
1	Dec 2017	\$0	\$20,570,771	\$90,912,860	\$521,029,731	\$508,793,023	\$46,422,546	\$417,546,825	\$3,830,318	\$6,981,972	\$17,589,054	\$1,633,677,100
2	Jan 2018	\$0	\$20,798,094	\$92,120,901	\$525,101,402	\$512,508,260	\$47,121,942	\$415,999,634	\$4,068,972	\$7,441,980	\$17,814,570	\$1,642,975,755
3	Feb 2018	\$0	\$21,024,900	\$93,334,028	\$525,239,641	\$521,387,893	\$47,803,753	\$419,053,581	\$4,330,557	\$7,718,588	\$18,039,068	\$1,657,932,010
4	Mar 2018	\$0	\$21,250,624	\$94,549,168	\$522,948,988	\$533,123,116	\$47,571,871	\$420,758,821	\$4,586,097	\$8,002,486	\$18,263,606	\$1,671,054,777
5	Apr 2018	\$0	\$21,478,959	\$95,773,160	\$524,556,125	\$535,487,632	\$48,084,195	\$424,147,782	\$4,788,734	\$8,335,700	\$18,486,010	\$1,681,138,298
6	May 2018	\$0	\$21,706,614	\$97,019,186	\$528,857,858	\$538,372,866	\$48,845,961	\$426,041,368	\$5,041,395	\$8,658,781	\$18,710,529	\$1,693,254,558
7	Jun 2018	\$0	\$21,921,184	\$98,240,166	\$531,427,084	\$542,360,690	\$49,648,533	\$429,164,169	\$5,299,461	\$9,020,640	\$18,935,105	\$1,706,017,031
8	Jul 2018	\$0	\$22,148,893	\$99,479,899	\$535,102,473	\$546,472,517	\$50,582,968	\$432,041,140	\$5,560,152	\$9,306,904	\$19,159,876	\$1,719,854,821
9	Aug 2018	\$0	\$22,376,863	\$100,746,739	\$540,205,851	\$526,081,632	\$46,931,900	\$430,758,314	\$5,820,220	\$9,594,621	\$19,386,039	\$1,701,902,179
10	Sep 2018	\$0	\$22,605,905	\$101,994,589	\$546,328,934	\$523,326,243	\$47,367,590	\$433,569,823	\$6,060,132	\$9,988,118	\$19,611,066	\$1,710,852,398
11	Oct 2018	\$0	\$22,833,565	\$103,274,383	\$558,392,004	\$531,796,946	\$47,875,003	\$436,196,999	\$6,332,619	\$10,297,552	\$19,849,661	\$1,736,848,732
12	Nov 2018	\$0	\$23,059,179	\$104,564,734	\$558,688,983	\$535,796,981	\$48,595,903	\$439,302,885	\$6,558,518	\$10,861,507	\$20,076,692	\$1,747,505,383
13	Dec 2018	\$0	\$23,285,719	\$105,746,316	\$558,039,638	\$542,790,391	\$49,370,280	\$437,221,587	\$6,809,024	\$11,173,141	\$20,303,394	\$1,754,739,490
14	13-Mo. Avg:	\$0	\$21,927,790	\$98,288,933	\$536,609,132	\$530,638,322	\$48,170,957	\$427,830,994	\$5,314,323	\$9,029,384	\$18,940,359	\$1,696,750,195

2) Distribution Depreciation Reserve - ISO (See Note 2)

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	
	FERC Account:					=Sum C2 to C4
15	Mo/YR	<u>360</u>	<u>361</u>	<u>362</u>	<u>Total</u>	<u>Notes</u>
15	Dec 2017	\$0	\$0	\$0	\$0	Beginning of Year ("BOY") amount
16	Dec 2018	\$0	\$0	\$0	\$0	End of Year ("EOY") amount
17	BOY/EOY Average:	\$0	\$0	\$0	\$0	Average of Line 15 and Line 16

Schedule 8
Accumulated Depreciation

TO2020 Annual Update
Attachment 5, Settlement Model
2018 True Up TRR

3) General and Intangible Depreciation Reserve

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u> =C4+C5	<u>Col 4</u>	<u>Col 5</u>	
			Total			
			Gen. and Int. Depreciation Reserve	General Depreciation Reserve	Intangible Depreciation Reserve	Source
18	Mo/YR	BOY:	\$1,736,829,507	\$1,094,912,964	\$641,916,543	FF1 219.28c and 200.21c for previous year
19		EOY:	\$1,612,060,674	\$1,060,652,423	\$551,408,251	FF1 219.28c and 200.21c
20		BOY/EOY Average:	\$1,674,445,091			Average of Line 18 and Line 19

a) Average BOY/EOY General and Intangible Depreciation Reserve

	<u>Amount</u>	<u>Source</u>
21	Total G+I Dep. Reserve on Average BOY/EOY basis:	\$1,674,445,091 Line 20
22	Transmission W&S Allocation Factor:	5.7427% 27-Allocators, Line 5 9
23	G + I Plant Dep. Reserve (BOY/EOY Average):	\$96,157,605 Line 21 * Line 22

b) EOY General and Intangible Depreciation Reserve

	<u>Amount</u>	<u>Source</u>
24	Total G+I Dep. Reserve on Average EOY basis:	\$1,612,060,674 Line 19
25	Transmission W&S Allocation Factor:	5.7427% 27-Allocators, Line 5 9
26	G + I Plant Dep. Reserve (EOY):	\$92,575,083 Line 24 * Line 25

Transmission Activity Used to Determine Monthly Transmission Depreciation Reserve - ISO Balances

1) ISO Depreciation Expense (See Note 3)

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u> Sum C2 - C11
	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
27	Jan 2018	\$0	\$228,113	\$1,220,103	\$7,017,780	\$4,642,875	\$1,114,530	\$3,166,748	\$261,556	\$273,868	\$224,433	\$18,150,007
28	Feb 2018	\$0	\$228,129	\$1,225,746	\$7,023,266	\$4,643,227	\$1,116,935	\$3,208,641	\$261,616	\$273,934	\$224,415	\$18,205,910
29	Mar 2018	\$0	\$228,155	\$1,231,653	\$7,035,978	\$4,644,027	\$1,119,744	\$3,210,418	\$261,717	\$273,971	\$224,474	\$18,230,138
30	Apr 2018	\$0	\$228,202	\$1,237,879	\$7,053,561	\$4,644,355	\$1,128,365	\$3,216,441	\$261,828	\$270,126	\$224,557	\$18,265,315
31	May 2018	\$0	\$228,200	\$1,244,380	\$7,063,542	\$4,644,686	\$1,132,120	\$3,214,913	\$261,995	\$270,317	\$224,497	\$18,284,651
32	Jun 2018	\$0	\$228,212	\$1,243,412	\$7,067,867	\$4,644,790	\$1,134,446	\$3,229,064	\$262,096	\$270,434	\$224,518	\$18,304,839
33	Jul 2018	\$0	\$228,478	\$1,254,580	\$7,089,399	\$4,645,187	\$1,136,991	\$3,231,293	\$262,160	\$270,507	\$224,748	\$18,343,342
34	Aug 2018	\$0	\$228,494	\$1,261,641	\$7,095,744	\$4,645,277	\$1,137,831	\$3,235,067	\$262,201	\$270,555	\$224,688	\$18,361,496
35	Sep 2018	\$0	\$228,504	\$1,279,526	\$7,112,915	\$4,645,229	\$1,167,599	\$3,274,540	\$262,231	\$270,590	\$224,771	\$18,465,906
36	Oct 2018	\$0	\$228,495	\$1,294,389	\$7,114,803	\$4,645,250	\$1,172,177	\$3,278,693	\$262,325	\$270,697	\$224,798	\$18,491,625
37	Nov 2018	\$0	\$228,512	\$1,301,393	\$7,105,804	\$4,645,307	\$1,176,310	\$3,284,452	\$262,393	\$270,777	\$225,533	\$18,500,481
38	Dec 2018	\$0	\$228,573	\$1,306,687	\$7,118,518	\$4,645,224	\$1,179,946	\$3,286,898	\$262,426	\$270,809	\$225,728	\$18,524,808
39	Total:	\$0	\$2,740,069	\$15,101,389	\$84,899,178	\$55,735,434	\$13,716,993	\$38,837,167	\$3,144,544	\$3,256,584	\$2,697,159	\$220,128,517

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2) Total Transmission Allocation Factors (See Note 4)

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>
	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>
40	Jan 2018	1.3%	3.1%	4.5%	6.2%	4.3%	3.9%	24.6%	13.8%	19.9%	6.3%
41	Feb 2018	0.0%	5.3%	4.7%	14.4%	-19.5%	4.0%	0.8%	0.0%	0.3%	0.5%
42	Mar 2018	30.1%	9.7%	6.2%	19.5%	-32.6%	12.6%	7.9%	3.7%	1.1%	0.4%
43	Apr 2018	28.7%	-0.5%	5.2%	11.4%	10.5%	5.7%	-0.9%	35.7%	6.8%	-12.5%
44	May 2018	15.7%	2.2%	-0.6%	5.8%	8.1%	3.4%	6.9%	5.6%	5.6%	0.1%
45	Jun 2018	0.0%	54.3%	8.4%	9.4%	3.0%	3.1%	0.6%	2.4%	9.8%	0.3%
46	Jul 2018	0.2%	3.1%	5.5%	7.1%	2.5%	1.9%	1.8%	0.9%	1.7%	0.1%
47	Aug 2018	25.2%	2.1%	-1.9%	4.2%	115.2%	44.5%	23.6%	1.3%	1.8%	8.6%
48	Sep 2018	0.0%	-2.1%	11.8%	2.1%	34.0%	6.8%	2.4%	13.5%	13.2%	1.5%
49	Oct 2018	15.1%	3.3%	5.4%	-10.3%	-17.6%	6.2%	3.4%	-6.1%	4.1%	80.3%
50	Nov 2018	-25.0%	11.5%	4.1%	14.2%	3.0%	4.2%	0.9%	22.0%	31.4%	8.7%
51	Dec 2018	8.7%	8.1%	46.7%	16.2%	-10.8%	3.8%	28.0%	7.2%	4.4%	5.7%

3) Calculation of Non-Incentive ISO Reserve

A) Change in Depreciation Reserve - ISO (See Note 5)

	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
52	\$0	\$2,714,948	\$14,833,456	\$37,009,906	\$33,997,368	\$2,947,735	\$19,674,763	\$2,978,706	\$4,191,169	\$2,714,340	\$121,062,390

B) Total Depreciation Expense (See Note 6)

	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
53	\$0	\$2,740,069	\$15,101,389	\$84,899,178	\$55,735,434	\$13,716,993	\$38,837,167	\$3,144,544	\$3,256,584	\$2,697,159	\$220,128,517

C) Other Activity (See Note 7)

	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
54	\$0	-\$25,121	-\$267,933	-\$47,889,272	-\$21,738,066	-\$10,769,258	-\$19,162,404	-\$165,838	\$934,585	\$17,180	-\$99,066,128

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4) Other Transmission Activity (See Note 8)

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
55	Jan 2018	\$0	-\$791	-\$12,062	-\$2,946,109	-\$927,638	-\$415,134	-\$4,713,939	-\$22,902	\$186,140	\$1,083	-\$8,851,351
56	Feb 2018	\$0	-\$1,323	-\$12,620	-\$6,885,027	\$4,236,406	-\$435,124	-\$154,693	-\$31	\$2,673	\$83	-\$3,249,655
57	Mar 2018	\$0	-\$2,431	-\$16,514	-\$9,326,632	\$7,091,196	-\$1,351,626	-\$1,505,179	-\$6,177	\$9,927	\$64	-\$5,107,371
58	Apr 2018	\$0	\$133	-\$13,887	-\$5,446,424	-\$2,279,839	-\$616,041	\$172,520	-\$59,191	\$63,089	-\$2,153	-\$8,181,794
59	May 2018	\$0	-\$545	\$1,646	-\$2,761,809	-\$1,759,453	-\$370,354	-\$1,321,327	-\$9,335	\$52,765	\$22	-\$6,168,390
60	Jun 2018	\$0	-\$13,643	-\$22,431	-\$4,498,641	-\$656,966	-\$331,874	-\$106,263	-\$4,030	\$91,424	\$58	-\$5,542,366
61	Jul 2018	\$0	-\$769	-\$14,847	-\$3,414,010	-\$533,360	-\$202,556	-\$354,322	-\$1,469	\$15,758	\$22	-\$4,505,552
62	Aug 2018	\$0	-\$524	\$5,199	-\$1,992,366	-\$25,036,162	-\$4,788,899	-\$4,517,892	-\$2,133	\$17,162	\$1,475	-\$36,314,139
63	Sep 2018	\$0	\$538	-\$31,676	-\$989,832	-\$7,400,619	-\$731,908	-\$463,031	-\$22,320	\$122,907	\$256	-\$9,515,686
64	Oct 2018	\$0	-\$835	-\$14,594	\$4,948,267	\$3,825,453	-\$664,763	-\$651,516	\$10,163	\$38,737	\$13,798	\$7,504,709
65	Nov 2018	\$0	-\$2,898	-\$11,042	-\$6,808,825	-\$645,271	-\$455,410	-\$178,567	-\$36,494	\$293,178	\$1,498	-\$7,843,830
66	Dec 2018	<u>\$0</u>	<u>-\$2,033</u>	<u>-\$125,106</u>	<u>-\$7,767,863</u>	<u>\$2,348,186</u>	<u>-\$405,569</u>	<u>-\$5,368,196</u>	<u>-\$11,921</u>	<u>\$40,825</u>	<u>\$974</u>	<u>-\$11,290,701</u>
67	Total:	\$0	-\$25,121	-\$267,933	-\$47,889,272	-\$21,738,066	-\$10,769,258	-\$19,162,404	-\$165,838	\$934,585	\$17,180	-\$99,066,128

Notes:

1) Amounts on Line 13 based on current year Plant Study. Amounts on Line 1 shall be based on previous year Plant Study, and shall match amounts on Line 13 in previous year Annual Update.

The amounts for each month on the remaining lines are calculated by summing the following values:

- a) Depreciation Expense (on Lines 27 to 38) for the same month;
- b) Other Transmission Activity (on Lines 55 to 66) for the same month; and
- c) Balances for Transmission Depreciation Reserve (on Lines 1 to 13) for the previous month.

For instance, the amount for May of the Prior Year (on Line 6) for Account 353 (Column 5) is the sum of the following values:

- a) Depreciation Expense for May of the Prior Year (on Line 44, Column 5);
- b) Other Transmission Activity for May of the Prior Year (on Line 59, Column 5); and
- c) The balances for Transmission Depreciation Reserve for April of the Prior Year (on Line 5, column 5).

2) Amounts on Line 15 derived from Plant Study for previous year Prior Year.

Amounts on Line 16 derived from Plant Study for Prior Year.

3) From 17-Depreciation, Lines 24 to 35.

4) From 6-PlantInService, Lines 93 to 104.

5) Line 13 - Line 1.

6) Line 39.

7) Line 52 - Line 53.

8) Multiply the monthly "Total Transmission Allocation Factors" ratios found in Lines 40-51 by the "Other Activity" on Line 54.

Accumulated Deferred Income Taxes and Net Excess Deferred Tax Liabilities

Cells shaded yellow are input cells

1) Summary of Accumulated Deferred Income Taxes and Net Excess Deferred Tax Liabilities

a) End of Year Accumulated Deferred Income Taxes and Net Excess Deferred Tax Liabilities				
<u>Line</u>	<u>Account</u>	<u>Col 1</u>	<u>Col 2</u>	
1	Account 190	\$84,180,069	Total ADIT	Settlement agreement, Term #15
2	Account 282	-\$1,162,146,512	Source	Line 353, Col. 2
3	Account 283	-\$15,208,619		Line 452, Col. 2
4	Net Excess/Deficient Deferred Tax Liability/Asset-2017 TCAJA	-\$551,111,771		Line 803, Col. 2
5	Total Accumulated Deferred Income Taxes	-\$1,644,286,833		FF1 278, see Notes 4 and 5
6	and Net Excess Deferred Tax Liabilities			Sum of Lines 1 to 4
7	b) Beginning of Year Accumulated Deferred Income Taxes			
8			BOY	
9			ADIT	
10	Total Accumulated Deferred Income Taxes	-\$1,649,088,770	Source	Previous Year Informational Filing, Line 5, Col. 2
11				
12	c) Average of Beginning and End of Year Accumulated Deferred Income Taxes			
13			Average	
14			ADIT	
15	Average ADIT:	-\$1,646,877,467	Source	Line 817, Column 8

2) Account 190 Detail

<u>ACCT 190</u>	<u>DESCRIPTION</u>	<u>Col 1</u>	<u>Col 2</u> END BAL per G/L	<u>Col 3</u> Gas, Generation or Other Related	<u>Col 4</u> ISO Only	<u>Col 5</u> Plant Related	<u>Col 6</u> Labor Related	<u>Col 7</u> (Instructions 1&2) <u>Description</u>
<u>Electric:</u>								
100	190.000 Amort of Debt Issuance Cost	\$672,292	\$614		\$671,678			C: Relates primarily to Regulated Electric Property
101	190.000 Executive Incentive Comp	\$2,228,654	\$7,147				\$2,221,507	C: Relates to employees in all functions
102	190.000 Bond Discount Amort	\$801,941	\$732		\$801,209			C: Relates primarily to Regulated Electric Property
103	190.000 Executive Incentive Plan	\$1,143,688	\$3,668				\$1,140,020	C: Relates to employees in all functions
104	190.000 Ins - Inj/Damages Prov	\$28,251,649	\$90,600				\$28,161,049	C: Relates to employees in all functions
105	190.000 Accrued Vacation	\$13,408,092	\$42,998				\$13,365,094	C: Relates to employees in all functions
106	190.000 Amortization of Debt Expense	\$1,141,054	\$1,041		\$1,140,013			C: Relates primarily to Regulated Electric Property
107	190.000 Wildfire Reserve	\$746,882,284	\$2,395,173				\$744,487,111	C: Relates primarily to Regulated Electric Property
108	190.000 Decommissioning	\$339,698,463	\$339,698,463					Relates to Nuclear Decommissioning Costs
109	190.000 Balancing Accounts	-\$11,619,374	-\$11,619,374					Relates Entirely to CPUC Balancing Account Recovery
110	190.000 Pension & PBOP	\$40,171,080	\$128,824				\$40,042,256	C: Relates to employees in all functions
111	190.000 Property/Non-ISO	\$6,547,986	\$6,547,986					Non-Rate Base Property
112	190.000 Regulatory Assets/Liab	\$36,181,620	\$36,181,620					Relates to Nonrecovery Balancing Account
113	190.000 Temp - Other/Non-ISO	\$868,848,855	\$868,848,855					Not Component of Rate Base
114	190.000 Net Operating Losses DTA	\$192,399,428			\$192,399,428			NOL/DTA

Continuation of Account 190 Detail

<u>ACCT 190</u>	<u>DESCRIPTION</u>	<u>Col 1</u>	<u>Col 2</u> END BAL per G/L	<u>Col 3</u> Gas, Generation or Other Related	<u>Col 4</u> ISO Only	<u>Col 5</u> Plant Related	<u>Col 6</u> Labor Related	<u>Col 7</u> (Instructions 1&2) <u>Description</u>
<u>Electric:</u>								
115	...							<u>Source</u>
250	Total Electric 190		\$2,266,757,712	\$1,242,328,348		\$0	\$195,012,328	\$829,417,036 Sum of Above Lines beginning on Line 100

Account 190 Gas and Other Income:

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	(Instructions 1&2) <u>Col 7</u>
300	190.000 Temp - Other/Non-ISO - Gas	\$140,873	\$140,873				Gas Related Costs
301	190.000 Temp - Other/Non-ISO - Other	\$2,269,027	\$2,269,027				Other Non-ISO Related Costs
302	190.000 EMS	\$1,157,506	\$1,157,506				Other Non-ISO Related Costs
###	...						

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Source</u>
350	Total Account 190 Gas and Other Income	\$3,567,406	\$3,567,406	\$0	\$0	\$0	Sum of Above Lines beginning on Line 300
351	Total Account 190	\$2,270,325,118	\$1,245,895,754	\$0	\$195,012,328	\$829,417,036	Line 250 + Line 350
352	Allocation Factors (Plant and Wages)				18.742%	5.743%	27-Allocators Lines 18 22 and 5 9 respectively.
353	Total Account 190 ADIT (Sum of amounts in Columns 4 to 6)	\$84,180,069		\$0	\$36,549,510	\$47,630,559	Line 351 * Line 352 for Cols 5 and 6. Col. 4 100% ISO.
354	FERC Form 1 Account 190	\$2,270,325,118	Must match amount on Line 351, Col. 2				FF1 234.18c

3) Account 282 Detail

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	(Instructions 1&2) <u>Col 7</u>
ACCT 282	DESCRIPTION	END BAL per G/L	Gas, Generation or Other Related	ISO Only	Plant Related	Labor Related	Description
400	282.000 Fully Normalized Deferred Tax	-\$1,162,146,512		-\$1,162,146,512			Property-Related FERC Costs
401	282.000 Property/Non-ISO	-\$6,189,165,827	-\$6,189,165,827				Property-Related CPUC Costs
402	282.000 Capitalized software	-\$57,179,648	-\$57,179,648				Property-Related CPUC Costs - Cap Software
403	282.000 Audit Rollforward	\$185,395	\$185,395				Property-Related CPUC Costs - Audit
404	282.000 Property/Non-ISO - Gas	-\$921,831	-\$921,831				Gas Related Costs
405	282.000 Property/Non-ISO - Other	-\$6,052,598	-\$6,052,598				Other Non-ISO Related Costs
406	...						

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Source</u>
450	Total Account 282	-\$7,415,281,021	-\$6,253,134,509	-\$1,162,146,512	\$0	\$0	Sum of Above Lines beginning on Line 400
451	Allocation Factors (Plant and Wages)				18.742%	5.743%	27-Allocators Lines 18 22 and 5 9 respectively.
452	Total Account 282 ADIT (Sum of amounts in Columns 4 to 6)	-\$1,162,146,512		-\$1,162,146,512	\$0	\$0	Line 450 * Line 451 for Cols 5 and 6. Col. 4 100% ISO.
453	FERC Form 1 Account 282	-\$7,415,281,021	Must match amount on Line 450, Col. 2				FF1 275.5k

4) Account 283 Detail

<u>Col 1</u>	<u>Col 2</u> END BAL per G/L	<u>Col 3</u> Gas, Generation or Other Related	<u>Col 4</u> ISO Only	<u>Col 5</u> Plant Related	<u>Col 6</u> Labor Related	<u>Col 7</u> (Instructions 1&2) Description
<u>ACCT 283</u>	<u>DESCRIPTION</u>					
Electric:						
500 283.000	Ad Valorem Lien Date Adj-Electric	-\$53,585,792	-\$53,585,792			Relates Entirely to CPUC Regulated Property
501 283.000	Ad Valorem Lien Date Adj-Electric	-\$8,433,048		-\$8,433,048		Relates Entirely to FERC Regulated Electric Property
502 283.000	Refunding & Retirement of Debt	-\$36,020,316	-\$32,874		-\$35,987,442	C: Relates primarily to Regulated Electric Property
503 283.000	Health Care - IBNR	-\$537,174	-1722.660845			C: Relates to employees in all functions
504 283.000	Balancing Accounts	-\$366,748,626	-\$366,748,626			Relates Entirely to CPUC Balancing Account Recovery
505 283.000	Decommissioning	-\$323,139,148	-\$323,139,148			Relates to Nuclear Decommissioning Costs
506 283.000	Temp - Other/Non-ISO	\$13,510,737	\$13,510,737			Non-Rate Base FAS 109 Tax Flow-Thru

Continuation of Account 283 Detail

<u>Col 1</u>	<u>Col 2</u> END BAL per G/L	<u>Col 3</u> Gas, Generation or Other Related	<u>Col 4</u> ISO Only	<u>Col 5</u> Plant Related	<u>Col 6</u> Labor Related	<u>Col 7</u> (Instructions 1&2) Description
<u>ACCT 283</u>	<u>DESCRIPTION</u>					
Electric (continued):						
507 ...						
650 Total Electric 283	-\$774,953,367	-\$729,997,425	-\$8,433,048	-\$35,987,442	-\$535,451	Sum of Above Lines beginning on Line 500
Account 283 Gas and Other:						
<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u> (Instructions 1&2)
700 283.000 Temp - Other/Non-ISO - Gas	-\$73,003	-\$73,003				Gas Related Costs
701 283.000 Temp - Other/Non-ISO - Other	-\$494,805	-\$494,805				Other Non-ISO Related Costs
702 ...						

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	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Source</u>
800	Total Account 283 Gas and Other	-\$567,808	-\$567,808	\$0	\$0	\$0	Sum of Above Lines beginning on Line 700
801	Total Account 283	-\$775,521,175	-\$730,565,233	-\$8,433,048	-\$35,987,442	-\$535,451	Line 650 + Line 800
802	Allocation Factors (Plant and Wages)				18.742%	5.743%	27-Allocators Lines 18 22 and 5 9 respectively.
803	Total Account 283 ADIT (Sum of amounts in Columns 4 to 6)	-\$15,208,619		-\$8,433,048	-\$6,744,822	-\$30,749	Line 801 * Line 802 for Cols 5 and 6. Col. 4 100% ISO.
804	FERC Form 1 Account 283	-\$775,521,175		Must match amount on Line 801, Col. 2			FF1 277.19k

5) Tax Normalization Calculation Pursuant to Treas. Reg §1.167(l)-1(h)(6)

	<u>Col 1</u>	<u>Col 2</u> See Note 1	<u>Col 3</u> See Note 2	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u> Col 5 / Tot. Days	<u>Col 7</u> = Col 2 * Col 6	<u>Col 8</u> See Note 3
Future Test Period								
805	Beginning Deferred Tax Balance (Line 10, Col. 2)		Mthly Deferred Tax Amount	Deferred Tax Balance	Days in Month	Number of Days Left in Period	Prorata Percentages	Monthly Prorata Amounts
806	January	\$400,161.43	-\$1,649,088,770	31	334	91.51%	\$366,175	-\$1,649,088,770
807	February	\$400,161.43	-\$1,648,688,609	28	306	83.84%	\$335,478	-\$1,648,722,595
808	March	\$400,161.43	-\$1,648,288,447	31	275	75.34%	\$301,491	-\$1,648,387,117
809	April	\$400,161.43	-\$1,647,888,286	30	245	67.12%	\$268,602	-\$1,648,085,626
810	May	\$400,161.43	-\$1,647,488,124	31	214	58.63%	\$234,615	-\$1,647,817,024
811	June	\$400,161.43	-\$1,647,087,963	30	184	50.41%	\$201,725	-\$1,647,582,409
812	July	\$400,161.43	-\$1,646,687,801	31	153	41.92%	\$167,739	-\$1,647,380,684
813	August	\$400,161.43	-\$1,646,287,640	31	122	33.42%	\$133,753	-\$1,647,212,945
814	September	\$400,161.43	-\$1,645,887,479	30	92	25.21%	\$100,863	-\$1,647,079,192
815	October	\$400,161.43	-\$1,645,487,317	31	61	16.71%	\$66,876	-\$1,646,978,330
816	November	\$400,161.43	-\$1,645,087,156	30	31	8.49%	\$33,986	-\$1,646,911,453
817	December	\$400,161.43	-\$1,644,686,994	31	0	0.00%	\$0	-\$1,646,877,467
818	Ending Balance (Line 5, Col. 2)		-\$1,644,286,833					-\$1,646,877,467

Instruction 1: For any "Company Wide" ADIT line item balance (i.e., that include Catalina Gas or Water costs), indicate in Column 7 with a leading "C":

Instruction 2: For any Company Wide ADIT balance items, include a portion of the total Column 2 balance in Column 3 "Gas, Generation, or Other Related" based on the following percentages.

1) For Line items allocated based on the Wages and Salaries Allocation Factor:

	FERC Form 1 Reference or Instruction	Prior Year Value
A:Total Electric Wages and Salaries	FF1 354.28b	\$751,177,566
B:Gas Wages and Salaries	FF1 355.62b	\$502,887
C:Water Wages and Salaries	FF1 355.64b	\$1,913,811
D:Total Electric, Gas, and Water Wages and Salaries	A+B+C	\$753,594,264
E:Labor Percentage "Gas, Generation, or Other"	(B+C) / D	0.3207%

2) For Line items allocated based on the Transmission Plant Allocation Factor or "ISO Only":

	FERC Form 1 Reference or Instruction	Prior Year Value
F:Total Electric Plant In Service	FF1 207.104g	\$48,205,871,081
G:Total Gas Plant In Service	FF1 201.8d	\$6,330,758
H:Total Water Plant in Service	FF1 201.8e	\$37,703,992
I:Total Electric, Gas, and Water Plant In Service	F+G+H	\$48,249,905,831
J:Plant Percentage "Gas, Generation, or Other"	(G+H) / I	0.0913%

Instruction 3: Classify any ADIT line items relating to refunding and retirement of debt as Plant related (Column 5).

Notes:

- 1) The monthly deferred tax amounts are equal to the ending ADIT balance minus the beginning ADIT balance, divided by 12 months.
- 2) For January through December = previous month balance plus amount in Column 2.
- 3) The average ADIT Balance is equal to the amount on Line 817, Column 8
- Line 805 is equal to Line 10, Column 2. Lines 806 through 817 equal previous amount in Column 8, plus amount in Column 7.
- 4) The net excess/deficiency is derived from the deficiency arising in Account 190 offset by excesses in Accounts 282 and 283.
- 5) SCE must submit a Federal Power Act Section 205 filing to obtain Commission approval prior to reflecting in rates any regulatory assets and liabilities arising from future tax changes.

Prior Year CWIP and Forecast Period Incremental CWIP by Project

Prior Year CWIP is the amount of Construction Work In Progress for projects that have received Commission approval to include CWIP in Rate Base.

1) Prior Year CWIP, Total and by Project

Line	Month	Year	Monthly	Tehachapi	Devers to Colorado River	South of Kramer	West of Devers	Red Bluff
			Total CWIP					
1	December	2017	\$150,431,067	\$150,976	\$0	\$4,884,728	\$98,805,812	\$0
2	January	2018	\$213,986,863	\$151,684	\$0	\$4,899,846	\$99,567,836	\$0
3	February	2018	\$224,632,907	\$153,628	\$0	\$4,921,435	\$102,282,631	\$0
4	March	2018	\$247,405,346	\$154,987	\$0	\$4,936,884	\$107,378,631	\$0
5	April	2018	\$266,782,488	\$155,433	\$0	\$4,968,064	\$118,470,455	\$0
6	May	2018	\$280,386,099	\$155,433	\$0	\$5,026,303	\$124,193,405	\$0
7	June	2018	\$289,434,998	\$155,511	\$0	\$5,028,631	\$129,989,497	\$0
8	July	2018	\$301,451,678	\$155,511	\$0	\$5,045,582	\$137,885,131	\$0
9	August	2018	\$321,849,201	\$155,511	\$0	\$5,082,399	\$149,188,735	\$0
10	September	2018	\$339,139,258	\$155,511	\$0	\$5,110,295	\$166,117,122	\$0
11	October	2018	\$380,115,165	\$155,511	\$0	\$5,136,619	\$194,064,737	\$0
12	November	2018	\$406,169,532	\$155,511	\$0	\$5,173,051	\$212,063,571	\$0
13	December	2018	\$442,100,547	\$156,282	\$0	\$5,220,452	\$228,226,372	\$0
14	13 Month Averages:		\$297,221,934	\$154,730	\$0	\$5,033,407	\$143,710,303	\$0

Line	Month	Year	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
			Whirlwind Substation Expansion	Colorado River Substation Expansion	Mesa	Alberhill	ELM Series Caps	
15	December	2017	\$0	\$0	\$46,589,551	\$0	\$0	\$0
16	January	2018	\$0	\$0	\$52,872,088	\$19,158,216	\$37,337,194	
17	February	2018	\$0	\$0	\$60,403,301	\$19,209,669	\$37,662,041	
18	March	2018	\$0	\$0	\$67,699,424	\$19,263,257	\$47,972,163	
19	April	2018	\$0	\$0	\$74,865,328	\$19,494,339	\$48,828,864	
20	May	2018	\$0	\$0	\$81,351,559	\$19,590,062	\$50,069,337	
21	June	2018	\$0	\$0	\$84,101,356	\$19,640,938	\$50,519,065	
22	July	2018	\$0	\$0	\$87,696,225	\$19,733,199	\$50,936,029	
23	August	2018	\$0	\$0	\$96,053,875	\$19,787,598	\$51,581,083	
24	September	2018	\$0	\$0	\$95,968,190	\$19,827,433	\$51,960,707	
25	October	2018	\$0	\$0	\$108,480,754	\$19,881,323	\$52,396,221	
26	November	2018	\$0	\$0	\$113,377,826	\$19,925,080	\$55,474,492	
27	December	2018	\$0	\$0	\$123,208,374	\$20,101,220	\$65,187,847	
28	13 Month Averages:		\$0	\$0	\$84,051,373	\$18,124,041	\$46,148,081	---

Schedule 10
 CWIP

2) Total Forecast Period CWIP Expenditures (see Note 1)

Line	Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
			See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2
29	December	2018	---	---	\$30,792,356	\$141,555	\$0	\$10,617	\$442,100,547	---
30	January	2019	\$28,644,052	\$2,148,304	\$14,640,693	\$6,841,512	\$6,354,081	\$36,557	\$407,552,886	\$30,640,185
31	February	2019	\$13,619,250	\$1,021,444	\$14,595,015	\$498,892	\$0	\$37,417	\$415,315,510	\$38,402,809
32	March	2019	\$23,213,967	\$1,741,048	\$22,082,130	\$479,465	\$0	\$35,960	\$461,300,922	\$62,821,515
33	April	2019	\$20,541,517	\$1,540,614	\$22,409,147	\$754,022	\$0	\$56,552	\$484,899,494	\$84,388,221
34	May	2019	\$22,706,183	\$1,702,964	\$24,926,290	\$1,797,384	\$691,910	\$82,911	\$507,945,490	\$131,032,789
35	June	2019	\$23,187,247	\$1,739,043	\$24,926,290	\$1,797,384	\$691,910	\$82,911	\$507,945,490	\$131,032,789
36	July	2019	\$27,026,913	\$2,027,018	\$29,053,932	\$168,232	\$0	\$12,617	\$536,818,572	\$159,905,871
37	August	2019	\$29,369,435	\$2,202,708	\$31,572,142	\$632,199	\$173,868	\$34,375	\$567,724,140	\$190,811,440
38	September	2019	\$31,037,498	\$2,327,812	\$33,365,311	\$776,893	\$156,282	\$46,546	\$600,266,012	\$223,353,311
39	October	2019	\$20,905,414	\$1,567,906	\$22,473,320	\$598,232	\$0	\$44,867	\$622,096,233	\$245,183,532
40	November	2019	\$24,856,414	\$1,864,231	\$26,720,645	\$696,462	\$212,599	\$36,290	\$648,084,127	\$271,171,426
41	December	2019	\$29,894,493	\$2,242,087	\$32,136,580	\$8,311,542	\$5,614,082	\$202,310	\$671,706,856	\$294,794,155
42	January	2020	\$22,858,346	\$1,714,376	\$24,572,722	\$80,529	\$0	\$6,040	\$696,193,009	\$319,280,308
43	February	2020	\$32,794,585	\$2,459,594	\$35,254,179	\$80,529	\$0	\$6,040	\$731,360,620	\$354,447,919
44	March	2020	\$32,334,996	\$2,425,125	\$34,760,121	\$140,529	\$0	\$10,540	\$765,969,672	\$389,056,971
45	April	2020	\$28,995,632	\$2,174,672	\$31,170,305	\$230,529	\$0	\$17,290	\$796,892,158	\$419,979,457
46	May	2020	\$32,846,344	\$2,463,476	\$35,309,820	\$230,529	\$0	\$17,290	\$831,954,159	\$455,041,458
47	June	2020	\$27,445,173	\$2,058,388	\$29,503,561	\$80,529	\$0	\$6,040	\$861,371,151	\$484,458,451
48	July	2020	\$27,167,344	\$2,037,551	\$29,204,895	\$80,529	\$0	\$6,040	\$890,489,478	\$513,576,777
49	August	2020	\$28,984,344	\$2,173,826	\$31,158,170	\$80,529	\$0	\$6,040	\$921,561,079	\$544,648,378
50	September	2020	\$29,460,344	\$2,209,526	\$31,669,870	\$90,529	\$0	\$6,790	\$953,133,630	\$576,220,929
51	October	2020	\$31,031,404	\$2,327,355	\$33,358,759	\$90,529	\$0	\$6,790	\$986,395,071	\$609,482,370
52	November	2020	\$28,653,650	\$2,149,024	\$30,802,674	\$190,529	\$0	\$14,290	\$1,016,992,926	\$640,080,225
53	December	2020	\$31,532,939	\$2,364,970	\$33,897,910	\$43,140,404	\$16,523,166	\$1,996,293	\$1,005,754,139	\$628,841,438
54	13-Month Averages:									
										\$479,223,757

3) Forecast Period CWIP Expenditures by Project (see Note 1)

3a) Project:

Tehachapi

Line	Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
			Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
55	December	2018	---	---	\$10,794	\$154,714	\$139,736	\$0	\$10,480	\$160,780
56	January	2019	\$143,920	\$1,021,444	\$503,569	\$446,086	\$0	\$33,456	\$184,807	\$28,525
57	February	2019	\$468,437	\$35,133	\$568,385	\$482,887	\$0	\$36,216	\$234,090	\$77,807
58	March	2019	\$528,731	\$39,655	\$568,385	\$482,887	\$0	\$4,167	\$234,090	\$77,807
59	April	2019	\$55,565	\$4,167	\$59,733	\$55,565	\$0	\$4,167	\$234,090	\$77,807
60	May	2019	\$219,022	\$16,427	\$235,449	\$219,022	\$0	\$16,427	\$234,090	\$77,807
61	June	2019	\$39,890	\$2,992	\$42,882	\$39,890	\$0	\$2,992	\$234,090	\$77,807
62	July	2019	\$132,890	\$9,967	\$142,857	\$132,890	\$0	\$9,967	\$234,090	\$77,807
63	August	2019	\$422,890	\$31,717	\$454,607	\$422,890	\$0	\$31,717	\$234,090	\$77,807
64	September	2019	\$522,890	\$39,217	\$562,107	\$751,551	\$156,282	\$44,645	\$0	-\$156,282
65	October	2019	\$572,890	\$42,967	\$615,857	\$572,890	\$0	\$42,967	\$0	-\$156,282
66	November	2019	\$422,890	\$31,717	\$454,607	\$422,890	\$0	\$31,717	\$0	-\$156,282
67	December	2019	\$227,890	\$17,092	\$244,982	\$227,890	\$0	\$17,092	\$0	-\$156,282
68	January	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
69	February	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
70	March	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
71	April	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
72	May	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
73	June	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
74	July	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
75	August	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
76	September	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
77	October	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
78	November	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
79	December	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$156,282
80	13-Month Averages:									
										-\$156,282

3b) Project: Devers to Colorado River

		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	
		= C1 *					= (C4 - C5) *	= Prior Month C7	= C7 -	
		16-Pint Add Line 74		= C1 + C2			16-Pint Add Line 74	+ C3 - C4 - C6	Dec Prior Year C7	
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
81	December	2018	---	---	---	---	---	---	\$0	---
82	January	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
83	February	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
84	March	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
85	April	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
86	May	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
87	June	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
88	July	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
89	August	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
90	September	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
91	October	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
92	November	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
93	December	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
94	January	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95	February	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
96	March	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
97	April	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
98	May	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
99	June	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
100	July	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
101	August	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
102	September	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
103	October	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
104	November	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
105	December	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
106	13-Month Averages:									

3c) Project: South of Kramer

		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	
107	December	2018	---	---	---	---	---	---	\$5,220,452	
108	January	2019	\$24,432	\$1,832	\$26,264	\$0	\$0	\$0	\$5,246,716	
109	February	2019	\$26,402	\$1,980	\$28,382	\$0	\$0	\$0	\$5,275,098	
110	March	2019	\$16,244	\$1,218	\$17,462	\$0	\$0	\$0	\$5,292,561	
111	April	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,319,436	
112	May	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,346,311	
113	June	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,373,186	
114	July	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,400,061	
115	August	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,426,936	
116	September	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,453,811	
117	October	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,480,686	
118	November	2019	\$25,000	\$1,875	\$26,875	\$0	\$0	\$0	\$5,507,561	
119	December	2019	\$32,922	\$2,469	\$35,391	\$0	\$0	\$0	\$5,542,952	
120	January	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$5,542,952	
121	February	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$5,542,952	
122	March	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$5,542,952	
123	April	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$5,542,952	
124	May	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$5,542,952	
125	June	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$5,542,952	
126	July	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$5,542,952	
127	August	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$5,542,952	
128	September	2020	\$600,000	\$45,000	\$645,000	\$0	\$0	\$0	\$6,187,952	
129	October	2020	\$600,000	\$45,000	\$645,000	\$0	\$0	\$0	\$6,832,952	
130	November	2020	\$600,000	\$45,000	\$645,000	\$0	\$0	\$0	\$7,477,952	
131	December	2020	\$805,031	\$60,377	\$865,408	\$0	\$0	\$0	\$8,343,360	
132	13-Month Averages:									

\$835,608

3d) Project: West of Devers

3e) Project: Red Bluff

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CWIP

3f) Project: Whirlwind Substation Expansion

		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	
		= C1 *					= (C4 - C5) *	= Prior Month C7	= C7 -	
		16-Pint Add Line 74		= C1 + C2			16-Pint Add Line 74	+ C3 - C4 - C6	Dec Prior Year C7	
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unload Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
185	December	2018	---	---	---	---	---	---	\$0	---
186	January	2019	\$1,819	\$136	\$1,955	\$1,819	\$0	\$136	\$0	\$0
187	February	2019	\$2,660	\$200	\$2,860	\$2,660	\$0	\$200	\$0	\$0
188	March	2019	\$2,620	\$197	\$2,817	\$2,620	\$0	\$197	\$0	\$0
189	April	2019	\$30	\$2	\$32	\$30	\$0	\$2	\$0	\$0
190	May	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
191	June	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
192	July	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
193	August	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
194	September	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
195	October	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
196	November	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
197	December	2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
198	January	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
199	February	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
200	March	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
201	April	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
202	May	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
203	June	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
204	July	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
205	August	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
206	September	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
207	October	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
208	November	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
209	December	2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
210	13-Month Averages:									\$0

3g) Project: Colorado River Substation Expansion

		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	
		= C1 *					= (C4 - C5) *	= Prior Month C7	= C7 -	
		16-Pint Add Line 74		= C1 + C2			16-Pint Add Line 74	+ C3 - C4 - C6	Dec Prior Year C7	
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
211	December	2018	---	---	---	---	---	---	\$0	---
212	January	2019	\$2,069	\$155	\$2,224	\$0	\$0	\$2,224	\$2,224	\$2,224
213	February	2019	\$1,119	\$84	\$1,203	\$0	\$0	\$0	\$3,427	\$3,427
214	March	2019	\$3,700	\$278	\$3,978	\$0	\$0	\$0	\$7,404	\$7,404
215	April	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$54,360	\$54,360
216	May	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$101,315	\$101,315
217	June	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$148,270	\$148,270
218	July	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$195,225	\$195,225
219	August	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$242,180	\$242,180
220	September	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$289,135	\$289,135
221	October	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$336,090	\$336,090
222	November	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$383,045	\$383,045
223	December	2019	\$43,679	\$3,276	\$46,955	\$0	\$0	\$0	\$430,000	\$430,000
224	January	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$1,855,852	\$1,855,852
225	February	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$3,281,704	\$3,281,704
226	March	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$4,707,555	\$4,707,555
227	April	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$6,133,407	\$6,133,407
228	May	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$7,559,259	\$7,559,259
229	June	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$8,985,111	\$8,985,111
230	July	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$10,410,962	\$10,410,962
231	August	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$11,836,814	\$11,836,814
232	September	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$13,262,666	\$13,262,666
233	October	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$14,688,518	\$14,688,518
234	November	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$16,114,370	\$16,114,370
235	December	2020	\$1,326,374	\$99,478	\$1,425,852	\$0	\$0	\$0	\$17,540,221	\$17,540,221
236	13-Month Averages:									\$8,985,111

Schedule 10
 CWIP

3h) Project:

		Mesa		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP	
237	December	2018	---	---	\$359,236	\$5,149,053	\$0	\$0	\$123,208,374	---	
238	January	2019	\$4,789,816	\$17,622	\$17,622	\$252,575	\$0	\$0	\$128,357,427	\$5,149,053	
239	February	2019	\$234,953	-\$7,969	-\$114,217	\$0	\$0	\$0	\$128,610,001	\$5,401,628	
240	March	2019	-\$106,248	\$494,313	\$7,085,147	\$0	\$0	\$0	\$128,495,785	\$5,287,411	
241	April	2019	\$6,590,834	\$561,453	\$8,047,487	\$0	\$0	\$0	\$135,580,932	\$12,372,558	
242	May	2019	\$7,486,034	\$1,092,447	\$15,658,401	\$342	\$0	\$26	\$143,628,419	\$20,420,045	
243	June	2019	\$4,489,600	\$336,720	\$4,826,320	\$1,207,494	\$691,910	\$38,669	\$147,208,576	\$24,000,202	
244	July	2019	\$10,179,604	\$763,470	\$10,943,074	\$342	\$0	\$26	\$158,151,282	\$34,942,908	
245	August	2019	\$3,856,109	\$289,208	\$4,145,317	\$342	\$0	\$26	\$162,296,231	\$39,087,857	
246	September	2019	\$14,565,954	\$1,092,447	\$15,658,401	\$342	\$0	\$26	\$177,954,264	\$54,745,890	
247	October	2019	\$4,199,628	\$314,972	\$4,514,600	\$342	\$0	\$26	\$182,468,497	\$59,260,123	
248	November	2019	\$7,137,826	\$535,337	\$7,673,163	\$248,572	\$212,599	\$2,698	\$189,890,390	\$66,682,016	
249	December	2019	\$19,618,568	\$1,471,393	\$21,089,961	\$3,613,230	\$2,937,989	\$50,643	\$207,316,478	\$84,108,104	
250	January	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$217,682,725	\$94,474,351	
251	February	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$228,048,971	\$104,840,597	
252	March	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$238,415,218	\$115,206,844	
253	April	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$248,781,464	\$125,573,090	
254	May	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$259,147,711	\$135,939,337	
255	June	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$269,513,957	\$146,305,583	
256	July	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$279,880,204	\$156,671,830	
257	August	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$290,246,450	\$167,038,076	
258	September	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$300,612,697	\$177,404,323	
259	October	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$310,978,943	\$187,770,569	
260	November	2020	\$9,643,549	\$723,266	\$10,366,815	\$529	\$0	\$40	\$321,345,190	\$198,136,816	
261	December	2020	\$12,302,834	\$922,713	\$13,225,547	\$42,910,404	\$16,523,166	\$1,979,043	\$289,681,289	\$166,472,015	
262	13-Month Averages:										\$143,072,495

3i) Project:

		Alberhill		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP	
263	December	2018	---	---	\$7,872	\$112,839	\$0	\$0	\$20,101,220	---	
264	January	2019	\$104,967	\$7,872	\$7,872	\$67,613	\$0	\$0	\$20,214,060	\$112,839	
265	February	2019	\$62,896	\$4,907	\$4,907	\$67,613	\$0	\$0	\$20,281,673	\$180,452	
266	March	2019	\$33,044	\$2,478	\$2,478	\$35,523	\$0	\$0	\$20,317,195	\$215,975	
267	April	2019	\$103,038	\$7,728	\$7,728	\$110,766	\$0	\$0	\$20,427,962	\$326,741	
268	May	2019	\$67,947	\$5,096	\$73,043	\$0	\$0	\$0	\$20,501,005	\$399,784	
269	June	2019	\$70,661	\$5,300	\$75,961	\$0	\$0	\$0	\$20,576,966	\$475,745	
270	July	2019	\$65,421	\$4,907	\$70,328	\$0	\$0	\$0	\$20,647,294	\$546,073	
271	August	2019	\$70,661	\$5,300	\$75,961	\$0	\$0	\$0	\$20,723,255	\$622,034	
272	September	2019	\$65,421	\$4,907	\$70,328	\$0	\$0	\$0	\$20,793,583	\$692,362	
273	October	2019	\$70,661	\$5,300	\$75,961	\$0	\$0	\$0	\$20,869,544	\$768,323	
274	November	2019	\$44,463	\$3,335	\$47,798	\$0	\$0	\$0	\$20,917,342	\$816,121	
275	December	2019	\$26,043	\$1,953	\$27,996	\$0	\$0	\$0	\$20,945,338	\$844,117	
276	January	2020	\$65,423	\$4,907	\$70,330	\$0	\$0	\$0	\$21,015,668	\$914,448	
277	February	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$0	\$21,085,996	\$984,776	
278	March	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$0	\$21,156,324	\$1,055,104	
279	April	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$0	\$21,226,652	\$1,125,432	
280	May	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$0	\$21,296,980	\$1,195,760	
281	June	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$0	\$21,367,308	\$1,266,088	
282	July	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$0	\$21,437,636	\$1,336,416	
283	August	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$0	\$21,507,964	\$1,406,744	
284	September	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$0	\$21,578,292	\$1,477,072	
285	October	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$0	\$21,648,620	\$1,547,400	
286	November	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$0	\$21,718,948	\$1,617,728	
287	December	2020	\$65,421	\$4,907	\$70,328	\$0	\$0	\$0	\$21,789,276	\$1,688,056	
288	13-Month Averages:										\$1,266,088

Schedule 10
CWIP

3j) Project: ELM Series Capacitors

		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	
		= C1 *					= (C4 - C5) *	= Prior Month C7	= C7 -	
		16-Plnt Add Line 74	= C1 + C2				16-Plnt Add Line 74	+ C3 - C4 - C6	Dec Prior Year C7	
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
289	December	2018	---	---	---	---	---	---	\$0	---
290	January	2019	-\$443,999	-\$33,300	-\$477,299	\$0	\$0	\$0	-\$477,299	-\$477,299
291	February	2019	\$552,103	\$41,408	\$593,511	\$0	\$0	\$0	\$116,212	\$116,212
292	March	2019	\$1,526,499	\$114,487	\$1,640,986	\$0	\$0	\$0	\$1,757,198	\$1,757,198
293	April	2019	\$433,000	\$32,475	\$465,475	\$0	\$0	\$0	\$2,222,673	\$2,222,673
294	May	2019	\$643,000	\$48,225	\$691,225	\$0	\$0	\$0	\$2,913,898	\$2,913,898
295	June	2019	\$5,281,916	\$396,144	\$5,678,060	\$0	\$0	\$0	\$8,591,958	\$8,591,958
296	July	2019	\$1,858,819	\$139,411	\$1,998,230	\$0	\$0	\$0	\$10,590,188	\$10,590,188
297	August	2019	\$12,669,040	\$950,178	\$13,619,218	\$0	\$0	\$0	\$24,209,406	\$24,209,406
298	September	2019	\$4,463,498	\$334,762	\$4,798,260	\$0	\$0	\$0	\$29,007,667	\$29,007,667
299	October	2019	\$2,662,000	\$199,650	\$2,861,650	\$0	\$0	\$0	\$31,869,317	\$31,869,317
300	November	2019	\$7,878,000	\$590,850	\$8,468,850	\$0	\$0	\$0	\$40,338,167	\$40,338,167
301	December	2019	\$915,000	\$68,625	\$983,625	\$0	\$0	\$0	\$41,321,792	\$41,321,792
302	January	2020	\$2,143,000	\$160,725	\$2,303,725	\$0	\$0	\$0	\$43,625,517	\$43,625,517
303	February	2020	\$8,579,241	\$643,443	\$9,222,684	\$0	\$0	\$0	\$52,848,201	\$52,848,201
304	March	2020	\$6,514,652	\$488,599	\$7,003,251	\$0	\$0	\$0	\$59,851,452	\$59,851,452
305	April	2020	\$4,540,288	\$340,522	\$4,880,810	\$0	\$0	\$0	\$64,732,261	\$64,732,261
306	May	2020	\$7,891,000	\$591,825	\$8,482,825	\$0	\$0	\$0	\$73,215,086	\$73,215,086
307	June	2020	\$5,229,829	\$392,237	\$5,622,066	\$0	\$0	\$0	\$78,837,152	\$78,837,152
308	July	2020	\$3,452,000	\$258,900	\$3,710,900	\$0	\$0	\$0	\$82,548,052	\$82,548,052
309	August	2020	\$3,269,000	\$245,175	\$3,514,175	\$0	\$0	\$0	\$86,062,227	\$86,062,227
310	September	2020	\$3,135,000	\$235,125	\$3,370,125	\$0	\$0	\$0	\$89,432,352	\$89,432,352
311	October	2020	\$4,696,830	\$352,262	\$5,049,092	\$0	\$0	\$0	\$94,481,445	\$94,481,445
312	November	2020	\$7,090,206	\$531,765	\$7,621,971	\$0	\$0	\$0	\$102,103,416	\$102,103,416
313	December	2020	\$9,102,555	\$682,692	\$9,785,247	\$0	\$0	\$0	\$111,888,663	\$111,888,663
314	13-Month Averages:									\$75,457,509

3k) Project: add additional projects below this line (See Instruction 3)

		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	
		= C1 *					= (C4 - C5) *	= Prior Month C7	= C7 -	
		16-Plnt Add Line 74	= C1 + C2				16-Plnt Add Line 74	+ C3 - C4 - C6	Dec Prior Year C7	
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
315	December	2018	---	---	---	---	---	\$0	\$0	---
316	January	2019		\$0	\$0			\$0	\$0	\$0
317	February	2019		\$0	\$0			\$0	\$0	\$0
318	March	2019		\$0	\$0			\$0	\$0	\$0
319	April	2019		\$0	\$0			\$0	\$0	\$0
320	May	2019		\$0	\$0			\$0	\$0	\$0
321	June	2019		\$0	\$0			\$0	\$0	\$0
322	July	2019		\$0	\$0			\$0	\$0	\$0
323	August	2019		\$0	\$0			\$0	\$0	\$0
324	September	2019		\$0	\$0			\$0	\$0	\$0
325	October	2019		\$0	\$0			\$0	\$0	\$0
326	November	2019		\$0	\$0			\$0	\$0	\$0
327	December	2019		\$0	\$0			\$0	\$0	\$0
328	January	2020		\$0	\$0			\$0	\$0	\$0
329	February	2020		\$0	\$0			\$0	\$0	\$0
330	March	2020		\$0	\$0			\$0	\$0	\$0
331	April	2020		\$0	\$0			\$0	\$0	\$0
332	May	2020		\$0	\$0			\$0	\$0	\$0
333	June	2020		\$0	\$0			\$0	\$0	\$0
334	July	2020		\$0	\$0			\$0	\$0	\$0
335	August	2020		\$0	\$0			\$0	\$0	\$0
336	September	2020		\$0	\$0			\$0	\$0	\$0
337	October	2020		\$0	\$0			\$0	\$0	\$0
338	November	2020		\$0	\$0			\$0	\$0	\$0
339	December	2020		\$0	\$0			\$0	\$0	\$0
340	13-Month Averages:									\$0

Notes:

- 1) Forecast Period is the calendar year two years after the Prior Year (i.e., PY+2).
- 2) Sum of project specific values from lines 55-79, 81-105, 107-131, 133-157, 159-183, 185-209, 211-235, 237-261, 263-287, 289-313,...

Instructions:

- 1) Enter recorded amounts of CWIP during Prior Year on Lines 1-13, 15-27 (including December of year previous to Prior Year).
- 2) Enter forecast project specific values on lines 55-79, 81-105, 107-131, 133-157, 159-183, 185-209, 211-235, 237-261, 263-287, 289-313,...
- 3) If Commission approval is granted to include CWIP in Rate Base for additional projects, include additional tables for each of those additional projects.

TRANSMISSION PLANT HELD FOR FUTURE USE

Inputs are shaded yellow

Transmission Plant Held for Future Use shall be amounts of Electric Plant Held for Future Use (account 105) intended to be placed under the Operational Control of the ISO, plus an allocated amount of any General Electric Plant Held for Future Use, with the allocation factor being the Transmission Wages and Salaries AF.

<u>Line</u>		<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>
1	Total Electric PHFU	\$15,781,292	\$30,786,587	FF1 page 214.47d

Plant intended to be placed under the Operational Control of the ISO:

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>
	<u>Description</u>	<u>Type of Plant</u>	<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>
2a	Alberhill	Sub	\$9,942,155	\$9,942,155	SCE records
2b					
2c					
2d					
2e					
2f					
2g					
2h					
...					
3		Total:	\$9,942,155	\$9,942,155	Sum of above lines
		<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>	
4	General Plant Held for Future Use		\$0	\$0	FF1 page 214
5	Wages and Salaries AF:		5.743%	5.743%	27-Allocators, L 5 9
6	Portion for Transmission PHFU:		\$0	\$0	L 4 * L 5

All other Electric Plant Held for Future Use not intended to be placed under the Operational Control of the ISO:

	<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>
7	\$5,839,137	\$20,844,432	Note 1
8			
Transmission PHFU:	<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>
	\$9,942,155	\$9,942,155	L 3 + L 6
9			
Average of BOY and EOY			
9	Transmission PHFU:	\$9,942,155	Sum of Line 8 / 2

Calculation of Gain or Loss on Transmission Plant Held for Future Use -- Land

		<u>Source</u>
10	Gain or Loss on Transmission Plant Held for Future Use --- Land	\$0

Instructions:

- 1) For any Electric Plant Held for Future Use intended to be placed under the Operational Control of the ISO, list on lines 2a, 2b, etc. Provide description in Column 1. Note type of plant (land or other) in Column 2. Under "Source" (Column 5), state the line number on FERC Form 1 page 214 from which the amount is derived. BOY amount will be EOY value from previous year FERC Form 1, EOY amount will be in current year FF1.
- 2) For any Electric Plant Held for Future Use classified as General note amount on Line 4.
- 3) Add additional lines 2 i, j, k, etc. as necessary to include additional projects intended to be placed under the Operational Control of the ISO.
- 4) Gains and Losses on Transmission Plant Held for Future Use - Land is treated in accordance with Commission policy. Any gain or loss on non-land portions of Transmission Plant Held for Future Use is not included.

Notes:

- 1) Amount of Line 1 not intended to be placed under the Operational Control of the ISO.

Determination of amount of Abandoned Plant and Abandoned Plant Amortization Expense

Input data is shaded yellow

Initially Abandoned Plant Amortization Expense and Abandoned Plant are both zero.

Upon Commission approval of recovery of abandoned plant costs for a specific project or projects, SCE will complete this worksheet in accordance with that Order.

Project	Commission Order
Orders Providing for Abandoned Plant Cost Recovery:	
...	...

Abandoned Plant for each project represents the amount of costs that the Order approves for inclusion in Rate Base.

Abandoned Plant Amortization Expense for each project represents the annual amortization of abandoned costs that the Order approves as an annual expense.

<u>Line</u>		<u>Amount for Prior Year</u>	<u>Note:</u>
1	Abandoned Plant Amortization Expense:	\$0	Sum of projects below for PY.
2	Abandoned Plant (BOY):	\$0	Sum of projects below for PY.
3	Abandoned Plant (EOY):	\$0	Sum of projects below for PY.
4	Abandoned Plant (BOY/EOY Average):	\$0	Average of Lines 2 and 3.
5	HV Abandoned Plant (BOY):	\$0	Sum of projects below for PY.

6 First Project: **Fill in Name** 2nd Project: **Fill in Name**

Year	EOY Abandoned Plant	EOY HV Abandoned Plant <u>(Note 1)</u>	Abandoned Plant Amort. Expense	EOY Abandoned Plant	EOY HV Abandoned Plant <u>(Note 1)</u>	Abandoned Plant Amort. Expense
7 2015						
8 2016						
9 2017						
10 2018						
11 2019						
12 2020						
13 2021						
14 2022						
15 2023						
16 2024						
17 2025						
18 ...						

Notes:

1) "EOY HV Abandoned Plant" is amount of "EOY Abandoned Plant" that would have been High Voltage (≥ 200 kV).

Instructions:

- 1) Upon Commission approval of recovery of abandoned plant costs for a project:
 - a) Fill in the name the project in order (First Project, Second Project, etc.).
 - b) Fill in the table with annual End of Year ("EOY") Abandoned Plant, EOY HV Abandoned Plant, and Abandoned Plant Amortization Expense amounts in Accordance with the Order.
 - If table can not be filled out completely, fill out at least through the Prior Year at issue.
 - c) Sum project-specific amounts for each project and enter in lines 1, 2, and 3 for the Prior Year at issue. (BOY value is EOY value from previous year)
- 2) Add additional projects if necessary in same format.
- 3) Add additional years past 2025 if necessary.

Calculation of Components of Working Capital

Inputs are shaded yellow

1) Calculation of Materials and Supplies

Materials and Supplies is the amount of total Account 154 Materials and Supplies times the Transmission Wages and Salaries AF

Line	Month	Year	Data Source	Total Materials and Supplies Balances	Notes
1	December	2017	FF1 227.12b	\$238,006,741	Beginning of year ("BOY") amount
2	January	2018	SCE Records	\$237,304,148	
3	February	2018	SCE Records	\$239,841,033	
4	March	2018	SCE Records	\$244,159,656	
5	April	2018	SCE Records	\$247,338,969	
6	May	2018	SCE Records	\$252,131,396	
7	June	2018	SCE Records	\$251,129,665	
8	July	2018	SCE Records	\$253,822,278	
9	August	2018	SCE Records	\$257,294,453	
10	September	2018	SCE Records	\$259,921,486	
11	October	2018	SCE Records	\$265,467,745	
12	November	2018	SCE Records	\$270,331,690	
13	December	2018	FF1 227.12c	\$279,666,024	End of Year ("EOY") amount
14	13-Month Average Value Account 154:			\$253,570,406	(Sum Line 1 to Line 13) / 13
15	Transmission Wages and Salaries AF:			5.743%	27-Allocators, Line 5 9
16	Materials and Supplies		EOY Value:	\$16,060,255	Line 13 * Line 15
17			13-Month Average Value:	\$14,561,674	Line 14 * Line 15

2) Calculation of Prepayments

Prepayments is an allocated portion of Total Prepayments based on the Transmission Wages and Salaries Allocation Factor.

	Month	Year	Data Source	Total Prepayments Balances	Notes
18	December	2017	Note 1, c	\$227,852,643	See Note 1, c
19	January	2018	SCE Records	\$203,222,045	
20	February	2018	SCE Records	\$192,389,429	
21	March	2018	SCE Records	\$164,188,104	
22	April	2018	SCE Records	\$197,043,565	
23	May	2018	SCE Records	\$177,668,447	
24	June	2018	SCE Records	\$255,103,006	
25	July	2018	SCE Records	\$247,953,030	
26	August	2018	SCE Records	\$217,766,527	
27	September	2018	SCE Records	\$181,251,191	
28	October	2018	SCE Records	\$152,689,618	
29	November	2018	SCE Records	\$187,157,440	
30	December	2018	Note 1, f	\$144,353,946	See Note 1, f

a) 13-Month Average Calculation

31	13-Month Average Value:	\$196,049,153.21	(Sum Line 18 to Line 30) / 13
32	Transmission Wages and Salaries AF:	5.7427%	27-Allocators, Line 5 9
33	Prepayments:	\$11,258,427	Line 31 * Line 32

b) EOY calculation

34	EOY Value:	\$144,353,946	Line 30
35	Transmission Wages and Salaries AF:	5.7427%	27-Allocators, Line 5 9
36	Prepayments:	\$8,289,749	Line 34 * Line 35

Notes:

- 1) Remove any amounts related to years prior to 2012 on b and e below.

	Beginning of Year Amount	Prepayments Balances	Source
a	FERC Form 1 Acct. 165 Recorded Amount:	\$227,852,643	FF1 111.57d
b	Prior Period Adjustment:		Note 1
c	BOY Prepayments Amount: \$	227,852,643	a - b
	End of Year Amount	Prepayments Balances	Source
d	FERC Form 1 Acct. 165 Recorded Amount:	\$144,353,946	FF1 111.57c
e	Prior Period Adjustment:		Note 1
f	EOY Prepayments Amount: \$	144,353,946	d - e

Plant Balances For Incentive Projects Receiving either ROE Incentives ("Transmission Incentive Plant") or CWIP ("CWIP Plant")

Input data is shaded yellow

- A) Summary of Incentive Project plant balances receiving ROE incentives ("Transmission Incentive Plant") and/or CWIP ("CWIP Plant") and calculation of balances needed to determine the following:
- 1) Rate Base in Prior Year
 - 2) Prior Year Incentive Rate Base - End of Year
 - 3) Prior Year Incentive Rate Base - 13-Month Average

Transmission Incentive Project plant balances and CWIP Plant may affect the following:

- a) CWIP Plant during the Prior Year is included in Rate Base (used in Prior Year TRR and True Up TRR).
- b) Forecast Period Incremental CWIP contributes to Incremental Forecast Period TRR
- c) CWIP Plant receiving an ROE adder contributes to Prior Year Incentive Rate Base - EOY, or Prior Year Incentive Rate Base - 13 Month Average as appropriate.
- d) "TIP Net Plant In Service" at EOY Prior Year is used to calculate the PY Incentive Rate Base (on EOY basis).
- e) "TIP Net Plant In Service" in PY is used to calculate the Prior Year Incentive Rate Base (on 13-month average basis).

1) Summary of CWIP Plant in Prior Year and Forecast Period

Line	Incentive Project	Prior Year End-of-Year CWIP Plant Amount	Col 1	Col 2	Col 3
			Prior Year CWIP Plant Amount	13-Month Average CWIP Plant Amount	Forecast Period Incremental CWIP 13-Month Avg. Amount
1	1) Tehachapi	\$156,282	\$154,730	-\$156,282	10-CWIP Lines 13, 14, and 80
2	2) Devers-Colorado River	\$0	\$0	\$0	10-CWIP Lines 13, 14, and 106
3	3) South of Kramer	\$5,220,452	\$5,033,407	\$835,608	10-CWIP Lines 13, 14, and 132
4	4) West of Devers	\$228,226,372	\$143,710,303	\$249,763,228	10-CWIP Lines 13, 14, and 158
5	5) Red Bluff	\$0	\$0	\$0	10-CWIP Lines 13, 14, and 184
6	6) Whirlwind Substation Exp.	\$0	\$0	\$0	10-CWIP Lines 27, 28, and 210
7	7) Colorado River Sub. Exp.	\$0	\$0	\$8,985,111	10-CWIP Lines 27, 28, and 236
8	8) Mesa	\$123,208,374	\$84,051,373	\$143,072,495	10-CWIP Lines 27, 28, and 262
9	9) Alberhill	\$20,101,220	\$18,124,041	\$1,266,088	10-CWIP Lines 27, 28, and 288
10	10) ELM Series Caps	\$65,187,847	\$46,148,081	\$75,457,509	10-CWIP Lines 27, 28, and 314
11	...	---	---	---	...
12	Totals:	\$442,100,547	\$297,221,934	\$479,223,757	

2) Summary of Prior Year Incentive Rate Base amounts (EOY Values)

	Incentive Project	Col 1	Col 2	Col 3	
		= C2 + C3	Prior Year CWIP Portion	EOY TIP Net Plant In Service	
		Prior Year Incentive Rate Base	EOY CWIP Portion	EOY TIP Net Plant In Service	
13	1) Rancho Vista	\$145,492,994	\$0	\$145,492,994	Line 37, C4
14	2) Tehachapi	\$2,663,122,730	\$156,282	\$2,662,966,447	Line 1, C1, and Line 37, C2
15	3) Devers-Colorado River	\$669,164,921	\$0	\$669,164,921	Line 2, C1, and Line 37, C3
16	...	---	---	---	...
17	Total PY Incentive Net Plant:	\$3,477,780,645			End of Year

3) Summary of Prior Year Incentive Rate Base amounts (13-Month Average values)

	Incentive Project	Col 1	Col 2	Col 3	
		= C2 + C3	Prior Year CWIP Portion	13-Month Avg. TIP Net Plant In Service Portion	
		Prior Year Incentive Rate Base	13-Month Avg. CWIP Portion	13-Month Avg. TIP Net Plant In Service Portion	
19	1) Rancho Vista	\$147,862,518	\$0	\$147,862,518	Line 38, C4
20	2) Tehachapi	\$2,693,150,442	\$154,730	\$2,692,995,712	Line 1, C2, and Line 38, C2
21	3) Devers-Colorado R	\$678,332,000	\$0	\$678,332,000	Line 2, C2, and Line 38, C3
22	...	---	---	---	...
23	Total PY Incentive Net Plant:	\$3,519,344,961			13 Month Average

4) Prior Year TIP Net Plant In Service

Prior Year <u>Month</u>	<u>Year</u>	<u>Col 1</u> Total TIP Net Plant In Service	<u>Col 2</u> L 53 to L 65, C3	<u>Col 3</u> L 79 to L 91, C3 Divers to Colorado River	<u>Col 4</u> L 66 to L 78, C3 Rancho Vista	<u>Col 5</u>	<u>Notes</u>
25 December	2017	\$3,566,534,659	\$2,728,550,276	\$687,752,340	\$150,232,043	---	←December of
26 January	2018	\$3,558,418,257	\$2,722,470,452	\$686,110,683	\$149,837,122	---	year previous
27 February	2018	\$3,550,675,231	\$2,716,764,003	\$684,469,027	\$149,442,201	---	to Prior Year
28 March	2018	\$3,537,623,260	\$2,705,748,610	\$682,827,370	\$149,047,281	---	
29 April	2018	\$3,529,573,487	\$2,699,735,414	\$681,185,713	\$148,652,360	---	
30 May	2018	\$3,520,915,295	\$2,693,113,800	\$679,544,056	\$148,257,439	---	
31 June	2018	\$3,513,773,544	\$2,688,007,655	\$677,903,371	\$147,862,518	---	
32 July	2018	\$3,505,606,086	\$2,681,876,824	\$676,261,665	\$147,467,597	---	
33 August	2018	\$3,509,334,306	\$2,686,523,935	\$675,737,694	\$147,072,677	---	
34 September	2018	\$3,501,122,842	\$2,680,347,959	\$674,097,128	\$146,677,756	---	
35 October	2018	\$3,492,955,377	\$2,674,219,487	\$672,453,055	\$146,282,835	---	
36 November	2018	\$3,485,316,291	\$2,668,619,396	\$670,808,980	\$145,887,914	---	
37 December	2018	\$3,477,624,362	\$2,662,966,447	\$669,164,921	\$145,492,994	---	
38	13 Month Averages:	\$3,519,190,231	\$2,692,995,712	\$678,332,000	\$147,862,518		

5) Total Transmission Activity for Incentive Projects

Prior Year <u>Month</u>	<u>Year</u>	<u>Col 1</u> Total Transmission Activity for Incentive Projects	<u>Col 2</u> Account 360-362	<u>Col 3</u> = C1 - C2 Account 350-359	<u>Col 4</u> Activity for Incentive Projects	<u>Col 5</u> Source
39 December	2017	\$0	\$0	\$0	\$0	C1: Sum of below projects for each month
40 January	2018	\$327,078	\$0	\$327,078		
41 February	2018	\$696,590	\$0	\$696,590		
42 March	2018	-\$4,611,326	\$0	-\$4,611,326		
43 April	2018	\$320,750	\$0	\$320,750		
44 May	2018	\$755,652	\$0	\$755,652		
45 June	2018	\$7,851,490	\$0	\$7,851,490		
46 July	2018	\$243,858	\$0	\$243,858		
47 August	2018	\$16,199,745	\$0	\$16,199,745		
48 September	2018	\$248,371	\$0	\$248,371		
49 October	2018	\$307,858	\$0	\$307,858		
50 November	2018	\$814,355	\$0	\$814,355		
51 December	2018	\$768,886	\$0	\$768,886		
52 Total		\$23,923,307	\$0	\$23,923,307		

6) Calculation of Prior Year Net Plant in Service amounts for each Incentive Project

a) Tehachapi	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1	
Prior Year <u>Month</u>	<u>Year</u>	Plant In-Service	Accumulated Depreciation	Net Plant In Service	Transmission Activity
53 December	2017	\$3,042,408,308	\$313,858,031	\$2,728,550,276	\$0
54 January	2018	\$3,042,721,832	\$320,251,380	\$2,722,470,452	\$313,524
55 February	2018	\$3,043,409,824	\$326,645,821	\$2,716,764,003	\$687,992
56 March	2018	\$3,038,790,330	\$333,041,721	\$2,705,748,610	-\$4,619,494
57 April	2018	\$3,039,161,611	\$339,426,197	\$2,699,735,414	\$371,281
58 May	2018	\$3,038,925,134	\$345,811,335	\$2,693,113,800	-\$236,477
59 June	2018	\$3,040,203,649	\$352,195,995	\$2,688,007,655	\$1,278,515
60 July	2018	\$3,040,460,234	\$358,583,410	\$2,681,876,824	\$256,584
61 August	2018	\$3,052,516,013	\$365,992,078	\$2,686,523,935	\$12,055,779
62 September	2018	\$3,052,753,492	\$372,405,534	\$2,680,347,959	\$237,479
63 October	2018	\$3,053,038,983	\$378,819,496	\$2,674,219,487	\$285,491
64 November	2018	\$3,053,853,430	\$385,234,034	\$2,668,619,396	\$814,447
65 December	2018	\$3,054,617,061	\$391,650,614	\$2,662,966,447	\$763,631

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b) Rancho Vista

	<u>Prior Year Month</u>	<u>Col 1</u>		<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
		<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
66	December	2017	\$191,500,874	\$41,268,831	\$150,232,043	\$0
67	January	2018	\$191,500,874	\$41,663,752	\$149,837,122	\$0
68	February	2018	\$191,500,874	\$42,058,672	\$149,442,201	\$0
69	March	2018	\$191,500,874	\$42,453,593	\$149,047,281	\$0
70	April	2018	\$191,500,874	\$42,848,514	\$148,652,360	\$0
71	May	2018	\$191,500,874	\$43,243,435	\$148,257,439	\$0
72	June	2018	\$191,500,874	\$43,638,355	\$147,862,518	\$0
73	July	2018	\$191,500,874	\$44,033,276	\$147,467,597	\$0
74	August	2018	\$191,500,874	\$44,428,197	\$147,072,677	\$0
75	September	2018	\$191,500,874	\$44,823,118	\$146,677,756	\$0
76	October	2018	\$191,500,874	\$45,218,038	\$146,282,835	\$0
77	November	2018	\$191,500,874	\$45,612,959	\$145,887,914	\$0
78	December	2018	\$191,500,874	\$46,007,880	\$145,492,994	\$0

c) Devers to Colorado River

	<u>Prior Year Month</u>	<u>Col 1</u>		<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
		<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
79	December	2017	\$773,570,554	\$85,818,214	\$687,752,340	\$0
80	January	2018	\$773,570,554	\$87,459,871	\$686,110,683	\$0
81	February	2018	\$773,570,554	\$89,101,527	\$684,469,027	\$0
82	March	2018	\$773,570,554	\$90,743,184	\$682,827,370	\$0
83	April	2018	\$773,570,554	\$92,384,841	\$681,185,713	\$0
84	May	2018	\$773,570,553	\$94,026,497	\$679,544,056	\$0
85	June	2018	\$773,571,525	\$95,668,154	\$677,903,371	\$972
86	July	2018	\$773,571,478	\$97,309,813	\$676,261,665	-\$47
87	August	2018	\$774,689,166	\$98,951,472	\$675,737,694	\$1,117,688
88	September	2018	\$774,692,652	\$100,595,524	\$674,097,128	\$3,486
89	October	2018	\$774,692,638	\$102,239,583	\$672,453,055	-\$13
90	November	2018	\$774,692,623	\$103,883,642	\$670,808,980	-\$15
91	December	2018	\$774,692,623	\$105,527,702	\$669,164,921	\$0

d) South of Kramer

	<u>Prior Year Month</u>	<u>Col 1</u>		<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
		<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
92	December	2017	\$0	\$0	\$0	\$0
93	January	2018	\$0	\$0	\$0	\$0
94	February	2018	\$0	\$0	\$0	\$0
95	March	2018	\$0	\$0	\$0	\$0
96	April	2018	\$0	\$0	\$0	\$0
97	May	2018	\$0	\$0	\$0	\$0
98	June	2018	\$0	\$0	\$0	\$0
99	July	2018	\$0	\$0	\$0	\$0
100	August	2018	\$0	\$0	\$0	\$0
101	September	2018	\$0	\$0	\$0	\$0
102	October	2018	\$0	\$0	\$0	\$0
103	November	2018	\$0	\$0	\$0	\$0
104	December	2018	\$0	\$0	\$0	\$0

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e) West of Devers

	<u>Prior Year Month</u>	<u>Col 1</u>		<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
		<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
105	December	2017	\$0	\$0	\$0	\$0
106	January	2018	\$0	\$0	\$0	\$0
107	February	2018	\$0	\$0	\$0	\$0
108	March	2018	\$0	\$0	\$0	\$0
109	April	2018	\$0	\$0	\$0	\$0
110	May	2018	\$0	\$0	\$0	\$0
111	June	2018	\$0	\$0	\$0	\$0
112	July	2018	\$0	\$0	\$0	\$0
113	August	2018	\$3,026,397	\$0	\$3,026,397	\$3,026,397
114	September	2018	\$3,026,222	\$6,229	\$3,019,992	-\$175
115	October	2018	\$3,041,796	\$12,458	\$3,029,338	\$15,574
116	November	2018	\$3,043,059	\$18,719	\$3,024,340	\$1,263
117	December	2018	\$3,046,911	\$24,983	\$3,021,928	\$3,852

f) Red Bluff

	<u>Prior Year Month</u>	<u>Col 1</u>		<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
		<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
118	December	2017	\$235,653,723	\$25,546,854	\$210,106,869	\$0
119	January	2018	\$235,653,723	\$26,043,605	\$209,610,118	\$0
120	February	2018	\$235,653,723	\$26,540,356	\$209,113,368	\$0
121	March	2018	\$235,653,723	\$27,037,106	\$208,616,617	\$0
122	April	2018	\$235,653,723	\$27,533,857	\$208,119,866	\$0
123	May	2018	\$235,653,723	\$28,030,607	\$207,623,116	\$0
124	June	2018	\$235,653,723	\$28,527,358	\$207,126,365	\$0
125	July	2018	\$235,653,723	\$29,024,108	\$206,629,615	\$0
126	August	2018	\$235,653,723	\$29,520,859	\$206,132,864	\$0
127	September	2018	\$235,653,723	\$30,017,610	\$205,636,114	\$0
128	October	2018	\$235,653,784	\$30,514,360	\$205,139,424	\$61
129	November	2018	\$235,653,781	\$31,011,111	\$204,642,670	-\$3
130	December	2018	\$235,653,781	\$31,507,862	\$204,145,919	\$0

g) Whirlwind Substation Expansion

	<u>Prior Year Month</u>	<u>Col 1</u>		<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
		<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
131	December	2017	\$87,531,655	\$4,897,105	\$82,634,551	\$0
132	January	2018	\$87,544,339	\$5,077,375	\$82,466,964	\$12,684
133	February	2018	\$87,551,178	\$5,257,671	\$82,293,506	\$6,839
134	March	2018	\$87,558,240	\$5,437,981	\$82,120,258	\$7,062
135	April	2018	\$87,558,733	\$5,618,306	\$81,940,427	\$494
136	May	2018	\$87,567,792	\$5,798,632	\$81,769,160	\$9,059
137	June	2018	\$87,585,661	\$5,978,977	\$81,606,685	\$17,869
138	July	2018	\$87,554,471	\$6,159,358	\$81,395,114	-\$31,190
139	August	2018	\$87,554,226	\$6,339,675	\$81,214,551	-\$245
140	September	2018	\$87,560,374	\$6,519,991	\$81,040,382	\$6,147
141	October	2018	\$87,573,156	\$6,700,321	\$80,872,836	\$12,783
142	November	2018	\$87,571,820	\$6,880,676	\$80,691,144	-\$1,336
143	December	2018	\$87,571,820	\$7,061,029	\$80,510,791	\$0

h) Colorado River Substation Expansion

	Prior Year Month	Col 1		Col 2	Col 3	Col 4
		Year	Plant In-Service	Accumulated Depreciation	= C1 - C2	Net Plant In Service
144	December	2017	\$71,499,907	\$7,769,637	\$63,730,269	\$0
145	January	2018	\$71,500,777	\$7,917,799	\$63,582,978	\$870
146	February	2018	\$71,502,536	\$8,065,962	\$63,436,574	\$1,759
147	March	2018	\$71,503,641	\$8,214,128	\$63,289,513	\$1,105
148	April	2018	\$71,452,617	\$8,362,297	\$63,090,320	-\$51,024
149	May	2018	\$71,454,563	\$8,510,361	\$62,944,202	\$1,946
150	June	2018	\$71,460,731	\$8,658,429	\$62,802,302	\$6,168
151	July	2018	\$71,461,054	\$8,806,510	\$62,654,544	\$323
152	August	2018	\$71,461,054	\$8,954,591	\$62,506,463	\$0
153	September	2018	\$71,460,709	\$9,102,673	\$62,358,036	-\$345
154	October	2018	\$71,454,672	\$9,250,753	\$62,203,919	-\$6,037
155	November	2018	\$71,454,672	\$9,398,821	\$62,055,851	\$0
156	December	2018	\$71,454,672	\$9,546,889	\$61,907,783	\$0

i) Mesa

	Prior Year Month	Col 1		Col 2	Col 3	Col 4
		Year	Plant In-Service	Accumulated Depreciation	= C1 - C2	Net Plant In Service
157	December	2017	\$1,657,268	\$0	\$1,657,268	\$0
158	January	2018	\$1,657,268	\$0	\$1,657,268	\$0
159	February	2018	\$1,657,268	\$0	\$1,657,268	\$0
160	March	2018	\$1,657,268	\$0	\$1,657,268	\$0
161	April	2018	\$1,657,268	\$0	\$1,657,268	\$0
162	May	2018	\$2,638,392	\$0	\$2,638,392	\$981,124
163	June	2018	\$9,186,358	\$2,494	\$9,183,865	\$6,547,966
164	July	2018	\$9,204,547	\$18,612	\$9,185,935	\$18,189
165	August	2018	\$9,204,673	\$34,775	\$9,169,897	\$126
166	September	2018	\$9,206,451	\$50,939	\$9,155,512	\$1,778
167	October	2018	\$9,206,451	\$67,106	\$9,139,345	\$0
168	November	2018	\$9,206,451	\$83,274	\$9,123,177	\$0
169	December	2018	\$9,207,853	\$99,442	\$9,108,412	\$1,402

j) Alberhill

	Prior Year Month	Col 1		Col 2	Col 3	Col 4
		Year	Plant In-Service	Accumulated Depreciation	= C1 - C2	Net Plant In Service
170	December	2017	\$0	\$0	\$0	\$0
171	January	2018	\$0	\$0	\$0	\$0
172	February	2018	\$0	\$0	\$0	\$0
173	March	2018	\$0	\$0	\$0	\$0
174	April	2018	\$0	\$0	\$0	\$0
175	May	2018	\$0	\$0	\$0	\$0
176	June	2018	\$0	\$0	\$0	\$0
177	July	2018	\$0	\$0	\$0	\$0
178	August	2018	\$0	\$0	\$0	\$0
179	September	2018	\$0	\$0	\$0	\$0
180	October	2018	\$0	\$0	\$0	\$0
181	November	2018	\$0	\$0	\$0	\$0
182	December	2018	\$0	\$0	\$0	\$0

k) ELM Series Caps		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
Prior Year <u>Month</u>	<u>Year</u>	Plant In-Service	Accumulated Depreciation	Net Plant In Service	Transmission Activity
183 December	2017	\$0	\$0	\$0	\$0
184 January	2018	\$0	\$0	\$0	\$0
185 February	2018	\$0	\$0	\$0	\$0
186 March	2018	\$0	\$0	\$0	\$0
187 April	2018	\$0	\$0	\$0	\$0
188 May	2018	\$0	\$0	\$0	\$0
189 June	2018	\$0	\$0	\$0	\$0
190 July	2018	\$0	\$0	\$0	\$0
191 August	2018	\$0	\$0	\$0	\$0
192 September	2018	\$0	\$0	\$0	\$0
193 October	2018	\$0	\$0	\$0	\$0
194 November	2018	\$0	\$0	\$0	\$0
195 December	2018	\$0	\$0	\$0	\$0

6) Summary of Incentive Projects and incentives granted

A) Rancho Vista Incentives Received:

CWIP:	Yes	<u>Cite:</u> 121 FERC ¶ 61,168 at P 57
ROE adder:	0.75%	121 FERC ¶ 61,168 at P 129
100% Abandoned Plant:	No	-----

B) Tehachapi Incentives Received:

CWIP:	Yes	<u>Cite:</u> 121 FERC ¶ 61,168 at P 57
ROE adder:	1.25%	121 FERC ¶ 61,168 at P 129
100% Abandoned Plant:	Yes	121 FERC ¶ 61,168 at P 71

C) Devers to Colorado River Incentives Received:

CWIP:	Yes	<u>Cite:</u> 121 FERC ¶ 61,168 at P 57
ROE adder:	1.00%	121 FERC ¶ 61,168 at P 129; modified by ER10-160 Settlement, see P2 and P3
100% Abandoned Plant:	Yes	121 FERC ¶ 61,168 at P 71

D) Devers to Palo Verde 2 Incentives Received:

CWIP:	No	<u>Cite:</u> 121 FERC ¶ 61,168 at P 57; modified by ER10-160 Settlement, see P2 and P3
ROE adder:	0.00%	121 FERC ¶ 61,168 at P 129; modified by ER10-160 Settlement, see P 3 and P 7
100% Abandoned Plant:	Yes	121 FERC ¶ 61,168 at P 71

E) South of Kramer Incentives Received:

CWIP:	Yes	<u>Cite:</u> 134 FERC ¶ 61,181 at P 79
ROE adder:	0.00%	---
100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79

F) West of Devers Incentives Received:

CWIP:	Yes	<u>Cite:</u> 134 FERC ¶ 61,181 at P 79
ROE adder:	0.00%	---
100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79

G) Red Bluff Incentives Received:

CWIP:	Yes	<u>Cite:</u> 133 FERC ¶ 61,107 at P 76
ROE adder:	0.00%	133 FERC ¶ 61,107 at P 102
100% Abandoned Plant:	Yes	133 FERC ¶ 61,107 at P 88

H) Whirlwind Substation Expansion Incentives Received:

CWIP:	Yes	<u>Cite:</u> 134 FERC ¶ 61,181 at P 79
ROE adder:	0.00%	---
100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79

I) Colorado River Substation Expansion Incentives Received:

CWIP:	Yes	<u>Cite:</u> 134 FERC ¶ 61,181 at P 79
ROE adder:	0.00%	---
100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79

J) Mesa

CWIP:	Yes	<u>Cite:</u> 161 FERC ¶ 61,107 at P35
ROE adder:	0.00%	---
100% Abandoned Plant:	No	---

	K) Alberhill		Cite:	
229	CWIP:	Yes	161 FERC ¶ 61,107 at P35	
230	ROE adder:	0.00%	---	
231	100% Abandoned Plant:	Yes	161 FERC ¶ 61,107 at P 21	
	L) ELM Series Caps		Cite:	
232	CWIP:	Yes	161 FERC ¶ 61,107 at P35	
233	ROE adder:	0.00%	---	
234	100% Abandoned Plant:	Yes	161 FERC ¶ 61,107 at P 21	
	M) Future Incentive Projects		Cite:	
235	CWIP:			
236	ROE adder:			
237	100% Abandoned Plant:			
	...			

Instructions:

- 1) Upon Commission approval of any incentives for additional projects, add additional projects and provide cite to the Commission decision.

Determination of Incentive Adders Components of the TRR

Input data is shaded yellow

Two Incentive Adders are calculated:

- The Prior Year Incentive Adder is a component of the Prior Year TRR.
- The True Up Incentive Adder is a component of the True Up TRR.

1) Calculation of Incremental Return on Equity Factor

The Incremental Return on Equity Factor is the incremental Prior Year TRR expressed per 100 basis points of ROE incentive, for each million dollars of Incentive Net Plant. It is calculated according to the following formula:

$$\text{IREF} = \text{CSCP} * 0.01 * (1/(1 - \text{CTR})) * \$1,000,000$$

<u>Line</u>	where:	<u>Value</u>	<u>Source</u>
1	CSCP = Common Stock Capital Percentage	46.6495%	1-BaseTRR, L 47
2	CTR = Composite Tax Rate	27.9836%	1-BaseTRR, L 59
3	IREF =	\$6,478	Above formula

2) Determination of multiplicative factors for use in calculating Incentive Adders:

Multiplicative factors are used to calculate the Incentive Adders on an Transmission Incentive Project specific basis.
Multiplicative factor for each project is the ratio of its ROE adder to 1%.

<u>Line</u>		<u>ROE Adder</u>	<u>Multiplicative Factor</u>	<u>Source</u>
4	1) Rancho Vista	0.75%	0.75	14-IncentivePlant, L 197
5	2) Tehachapi	1.25%	1.25	14-IncentivePlant, L 200
6	3) Devers to Col. River	1.00%	1.00	14-IncentivePlant, L 203
7				
8	...			

3) Calculation of Prior Year Incentive Adder (EOY)

- Determine Prior Year Incentive Adder for each Incentive Project by multiplying the IREF, the Multiplicative Factor, and the million \$ of Prior Year Incentive Rate Base.
- Sum project-specific Incentive Adders to yield the total Prior Year Incentive Adder.

<u>Line</u>		<u>Prior Year Incentive Rate Base</u>	<u>Multiplicative Factor</u>	<u>Prior Year Incentive Adder</u>	<u>Source</u>
9	1) Rancho Vista	\$145,492,994	0.75	\$706,837	14-IncentivePlant, L 13, Col. 1
10	2) Tehachapi	\$2,663,122,730	1.25	\$21,563,390	14-IncentivePlant, L 14, Col. 1
11	3) Devers to Col. River	\$669,164,921	1.00	\$4,334,600	14-IncentivePlant, L 15, Col. 1
12					
13	...				
14		Prior Year Incentive Adder =		\$26,604,827	Sum of above PY Incentive Adders for each individual project

4) Calculation of True-Up Incentive Adder

- Determine True Up Incentive Adder for each Incentive Project by multiplying the IREF, the Multiplicative Factor, and the million \$ of True Up Incentive Net Plant.
- Sum project-specific Incentive Adders to yield the total True Up Incentive Adder.

<u>Line</u>		<u>True-Up Incentive Net Plant</u>	<u>Multiplicative Factor</u>	<u>True-Up Incentive Adder</u>	<u>Source</u>
15	1) Rancho Vista	\$147,862,518	0.75	\$718,349	14-IncentivePlant, L 19, Col. 1
16	2) Tehachapi	\$2,693,150,442	1.25	\$21,806,525	14-IncentivePlant, L 20, Col. 1
17	3) Devers to Col. River	\$678,332,000	1.00	\$4,393,981	14-IncentivePlant, L 21, Col. 1
18					
19	...				
20		True-Up Incentive Adder =		\$26,918,854	Sum of above PY Incentive Adders for each individual project

5) Calculation of Total ROE for Plant-In Service in the True Up TRR

a) Transmission Incentive Plant Net Plant In Service

<u>Line</u>	<u>Incentive Project</u>	13-Month Avg.		<u>Source</u>
		<u>TIP Net Plant In Service</u>	<u> </u>	
21	1) Rancho Vista	\$147,862,518		14-IncentivePlant, L 19, Col. 3
22	2) Tehachapi	\$2,692,995,712		14-IncentivePlant, L 20, Col. 3
23	3) Devers to Col. River	\$678,332,000		14-IncentivePlant, L 21, Col. 3
24				
		...		

b) Calculation of ROE Adders on TIP Net Plant In Service

<u>Line</u>	<u>Incentive Project</u>	<u>Col 1</u>	<u>Col 2</u>	<u>Source</u>
		<u>True Up Incentive Adder</u>	<u>After-Tax True Up Incentive Adder</u>	
25	1) Rancho Vista	\$718,349	\$517,329	See Note 1
26	2) Tehachapi	\$21,805,272	\$15,703,372	See Note 1
27	3) Devers to Col. River	\$4,393,981	\$3,164,387	See Note 1
28				See Note 1
29		...		
30		Total:	\$19,385,088	

c) Equity Portion of Plant In Service Rate Base

<u>Line</u>		<u>Amount</u>	<u>Source</u>
31	Total Rate Base:	\$5,679,018,539	4-TUTRR, Line 18
32	CWIP Portion of Rate Base:	\$297,221,934	4-TUTRR, Line 14
33	Plant In Service Rate Base:	\$5,381,796,604	Line 31 - Line 32
34	Equity percentage:	46.6495%	1-BaseTRR, Line 47
35	Equity Portion of Plant In Service Rate Base:	\$2,510,582,681	Line 33 * Line 34

d) Total ROE for Plant In Service in the True Up TRR

<u>Line</u>			
36	Plant In Service ROE Adder Percentage:	0.77%	Line 30 / Line 35
37	Base ROE (Including 50 basis point CAISO Participation Adder):	11.20%	1-BaseTRR, Line 50
39	Total ROE for Plant In Service in True Up TRR:	11.97%	Line 36 + Line 38

Instructions:

- 1) If additional projects receive ROE adders, add to end of lists, and include in calculation of each Incentive Adder.

Notes:

- 1) Column 1: The True Up Incentive Adder for each Incentive Project equals the IREF on Line 3, times the applicable Multiplicative Factor on Lines 15 to 18, times the million \$ of TIP Net Plant In Service on Lines 21 to 24.
- Column 2: The After Tax True Up Incentive Adder is derived by multiplying the amounts in Column 1 by (1 - CTR) (Where the CTR is on Line 2).

Forecast Plant Additions for In-Service ISO Transmission Plant

Yellow shaded cells are Input Data

Forecast Plant Additions represents the total increase in ISO Transmission Net Plant, not including CWIP, during the Rate Year, incremental to the year-end Prior Year amount.
It is calculated on a 13-Month Average Basis during the Rate Year.

1) Total Plant Additions Forecast (See Note 1)

Line	Forecast Period Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
			See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2
1	January	2019	\$28,177,858	\$6,281,866	\$1,642,199	\$1,870,882	\$21,515,139	\$645,454	\$28,594,630	\$0	\$1,870,882	\$30,465,512	\$304,089	\$309,137
2	February	2019	\$26,565,911	\$8,098,569	\$1,385,051	\$1,546,272	\$17,782,132	\$533,464	\$55,532,784	\$60,684	-\$3,356,470	\$58,889,254	\$608,179	\$618,275
3	March	2019	\$19,803,323	\$1,470,853	\$1,374,935	\$1,533,688	\$17,637,409	\$529,122	\$75,706,477	\$117,853	-\$4,772,305	\$80,478,782	\$912,268	\$927,412
4	April	2019	\$21,839,234	\$1,877,034	\$1,497,165	\$1,675,515	\$19,268,426	\$578,053	\$97,945,413	\$160,665	-\$6,287,155	\$104,232,568	\$1,216,358	\$1,236,550
5	May	2019	\$33,907,404	\$13,728,302	\$1,513,433	\$1,670,557	\$19,211,404	\$576,342	\$132,272,035	\$207,861	-\$7,749,851	\$140,021,886	\$1,520,447	\$1,545,687
6	June	2019	\$33,093,801	\$3,610,439	\$2,211,252	\$2,440,498	\$28,065,730	\$841,972	\$165,978,561	\$280,710	-\$9,909,639	\$175,888,200	\$1,824,537	\$1,854,824
7	July	2019	\$36,539,932	\$12,397,414	\$1,810,689	\$2,061,789	\$23,710,568	\$711,317	\$202,978,710	\$352,242	-\$11,619,185	\$214,597,896	\$2,128,626	\$2,163,962
8	August	2019	\$31,268,656	\$10,294,450	\$1,573,065	\$1,764,365	\$20,290,200	\$608,706	\$234,664,773	\$430,765	-\$12,952,786	\$247,617,559	\$2,432,716	\$2,473,099
9	September	2019	\$22,807,128	\$4,046,086	\$1,407,078	\$1,560,077	\$17,940,887	\$538,227	\$257,857,129	\$498,009	-\$14,014,854	\$271,871,982	\$2,736,805	\$2,782,236
10	October	2019	\$28,610,640	\$8,635,814	\$1,498,112	\$1,666,387	\$19,163,451	\$574,904	\$286,874,397	\$547,229	-\$15,134,012	\$302,008,409	\$3,040,895	\$3,091,374
11	November	2019	\$40,868,277	\$19,044,218	\$1,636,804	\$1,835,257	\$21,105,454	\$633,164	\$328,177,385	\$608,809	-\$16,360,460	\$344,537,845	\$3,344,984	\$3,400,511
12	December	2019	\$75,601,842	\$37,391,700	\$2,865,761	\$3,054,091	\$35,122,042	\$1,053,661	\$404,644,558	\$696,463	-\$18,718,087	\$423,362,645	\$3,649,074	\$3,709,649
13	January	2020	\$54,828,169	\$5,430,333	\$3,704,838	\$4,241,288	\$48,774,817	\$1,463,245	\$460,399,521	\$858,743	-\$22,100,632	\$482,500,154	\$3,879,922	\$3,944,329
14	February	2020	\$15,888,961	\$0	\$1,191,672	\$1,359,525	\$15,634,539	\$469,036	\$476,589,665	\$977,067	-\$22,483,090	\$499,072,755	\$4,110,771	\$4,179,010
15	March	2020	\$15,948,961	\$0	\$1,196,172	\$1,359,525	\$15,634,539	\$469,036	\$492,844,309	\$1,011,426	-\$22,831,189	\$515,675,498	\$4,341,620	\$4,413,690
16	April	2020	\$25,466,240	\$49,379	\$1,906,265	\$2,166,025	\$24,909,282	\$747,278	\$518,798,067	\$1,045,922	-\$23,951,292	\$542,749,359	\$4,572,468	\$4,648,371
17	May	2020	\$39,678,093	\$2,622,463	\$2,779,172	\$3,166,959	\$36,420,205	\$1,092,601	\$559,180,975	\$1,101,002	-\$26,017,249	\$585,198,224	\$4,803,317	\$4,883,052
18	June	2020	\$25,794,206	\$200,067	\$1,919,560	\$2,194,170	\$25,232,960	\$756,989	\$585,457,560	\$1,186,703	-\$27,024,717	\$612,482,276	\$5,126,728	\$5,211,832
19	July	2020	\$15,888,961	\$0	\$1,191,672	\$1,359,525	\$15,634,539	\$469,036	\$601,647,703	\$1,242,467	-\$27,141,774	\$628,798,478	\$5,357,577	\$5,446,513
20	August	2020	\$25,027,382	\$1,489,047	\$1,765,375	\$2,017,371	\$23,199,770	\$695,993	\$627,119,082	\$1,276,826	-\$27,882,319	\$655,001,401	\$12,043,634	\$12,243,558
21	September	2020	\$15,898,961	\$0	\$1,192,422	\$1,359,525	\$15,634,539	\$469,036	\$643,319,976	\$1,330,882	-\$27,910,962	\$671,230,938	\$12,274,482	\$12,478,239
22	October	2020	\$17,046,693	\$39,909	\$1,275,509	\$1,454,798	\$16,730,176	\$501,905	\$660,689,285	\$1,365,264	-\$28,000,496	\$688,689,782	\$13,653,064	\$13,879,705
23	November	2020	\$16,738,347	\$1,347	\$1,255,275	\$1,422,997	\$16,364,460	\$490,934	\$677,750,845	\$1,402,125	-\$28,021,368	\$705,772,212	\$13,883,912	\$14,114,385
24	December	2020	\$223,331,825	\$111,596,965	\$8,380,115	\$7,320,116	\$84,181,329	\$2,525,440	\$904,668,109	\$1,438,334	-\$33,903,150	\$938,571,259	\$14,114,761	\$14,349,066
25	13-Month Averages:								\$585,623,820			\$611,468,922		\$7,961,646

2) Incentive Plant Forecast (See Note 1)

Line	Forecast Period Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
			C4 10-CWIP L30-53	C5 10-CWIP L30-53	C6 10-CWIP L30-53	N/A	N/A	= Prior Month C7 +C1+C3	= Prior Month C7 * L91/12	= Prior Month C9 - C4 + C8	=C7-C9	=C7-C9	=Unloaded Low Voltage Additions	=Loaded Low Voltage Additions
26	January	2019	\$141,555	\$0	\$10,617	\$0	\$0	\$0	\$152,171	\$0	\$0	\$152,171	\$0	\$0
27	February	2019	\$6,841,512	\$6,354,081	\$36,557	\$0	\$0	\$0	\$7,030,241	\$323	\$323	\$7,029,918	\$0	\$0
28	March	2019	\$498,892	\$0	\$37,417	\$0	\$0	\$0	\$7,566,550	\$14,920	\$15,243	\$7,551,307	\$0	\$0
29	April	2019	\$479,465	\$0	\$35,960	\$0	\$0	\$0	\$8,081,974	\$16,058	\$31,300	\$8,050,674	\$0	\$0
30	May	2019	\$754,022	\$0	\$56,552	\$0	\$0	\$0	\$8,892,548	\$17,152	\$48,452	\$8,844,096	\$0	\$0
31	June	2019	\$1,797,384	\$691,910	\$82,911	\$0	\$0	\$0	\$10,772,843	\$18,872	\$67,324	\$10,772,519	\$0	\$0
32	July	2019	\$168,232	\$0	\$12,617	\$0	\$0	\$0	\$10,953,692	\$22,862	\$90,186	\$10,863,506	\$0	\$0
33	August	2019	\$632,199	\$173,868	\$34,375	\$0	\$0	\$0	\$11,620,266	\$23,246	\$113,432	\$11,506,834	\$0	\$0
34	September	2019	\$776,893	\$156,282	\$46,546	\$0	\$0	\$0	\$12,443,705	\$24,661	\$138,093	\$12,305,612	\$0	\$0
35	October	2019	\$598,232	\$0	\$44,867	\$0	\$0	\$0	\$13,086,805	\$26,408	\$164,501	\$12,922,303	\$0	\$0
36	November	2019	\$696,462	\$212,599	\$36,290	\$0	\$0	\$0	\$13,819,556	\$27,773	\$192,274	\$13,627,282	\$0	\$0
37	December	2019	\$8,311,542	\$5,614,082	\$202,310	\$0	\$0	\$0	\$22,333,407	\$29,328	\$221,603	\$22,111,805	\$0	\$0
38	January	2020	\$80,529	\$0	\$6,040	\$0	\$0	\$0	\$22,419,976	\$47,396	\$268,999	\$22,150,977	\$0	\$0
39	February	2020	\$80,529	\$0	\$6,040	\$0	\$0	\$0	\$22,506,544	\$47,580	\$316,579	\$22,189,966	\$0	\$0
40	March	2020	\$140,529	\$0	\$10,540	\$0	\$0	\$0	\$22,657,613	\$47,764	\$364,343	\$22,293,270	\$0	\$0
41	April	2020	\$230,529	\$0	\$17,290	\$0	\$0	\$0	\$22,905,432	\$48,084	\$412,427	\$22,493,005	\$0	\$0
42	May	2020	\$230,529	\$0	\$17,290	\$0	\$0	\$0	\$23,153,250	\$48,610	\$461,037	\$22,692,213	\$0	\$0
43	June	2020	\$80,529	\$0	\$6,040	\$0	\$0	\$0	\$23,239,819	\$49,136	\$510,173	\$22,729,646	\$0	\$0
44	July	2020	\$80,529	\$0	\$6,040	\$0	\$0	\$0	\$23,326,388	\$49,320	\$559,493	\$22,766,894	\$0	\$0
45	August	2020	\$80,529	\$0	\$6,040	\$0	\$0	\$0	\$23,412,956	\$49,504	\$608,997	\$22,803,959	\$0	\$0
46	September	2020	\$90,529	\$0	\$6,790	\$0	\$0	\$0	\$23,510,275	\$49,687	\$658,684	\$22,851,591	\$0	\$0
47	October	2020	\$90,529	\$0	\$6,790	\$0	\$0	\$0	\$23,607,594	\$49,894	\$708,578	\$22,899,016	\$0	\$0
48	November	2020	\$190,529	\$0	\$14,290	\$0	\$0	\$0	\$23,812,412	\$50,100	\$758,679	\$23,053,734	\$0	\$0
49	December	2020	\$43,140,404	\$16,523,166	\$1,996,293	\$0	\$0	\$0	\$68,949,109	\$50,535	\$809,214	\$68,139,896	\$0	\$0

3) Non-Incentive Plant Forecast (See Note 1)

	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12		
			=C1-C2)*L74	=C1-C2+C3)*L75	=C1-C2+C3-C4	=C5*L76	= Prior Month C2 +C2+C5+C6	= Prior Month C7 * L91/12	= Prior Month C9 - C4 + C8	=C7-C9		=C11*(1-L75) *(1+L74+L76)		
Line	Forecast Period Month	Unloaded Total	Prior Period CWP Closed	Over Heads Closed to PIS	Cost of Removal	Eligible Plant Additions	AFUDC	Incremental Gross Plant	Depreciation Accrual	Incremental Reserve	Net Plant	Unloaded Low Voltage Additions	Loaded Low Voltage Additions	
50	January	2019	\$28,036,303	\$6,281,866	\$1,631,583	\$1,870,882	\$21,515,139	\$645,454	\$28,442,459	\$0	\$30,313,340	\$304,089	\$309,137	
51	February	2019	\$19,724,399	\$1,744,489	\$1,348,493	\$1,546,272	\$17,782,132	\$533,464	\$48,502,543	\$60,361	\$-3,356,793	\$51,859,336	\$608,179	\$618,275
52	March	2019	\$19,304,432	\$1,470,853	\$1,337,518	\$1,533,688	\$17,637,409	\$529,122	\$68,139,927	\$102,933	\$-4,787,548	\$72,927,475	\$912,268	\$927,412
53	April	2019	\$21,359,770	\$1,877,034	\$1,461,205	\$1,675,515	\$19,268,426	\$578,053	\$89,863,439	\$144,608	\$-6,318,455	\$96,181,895	\$1,216,358	\$1,236,550
54	May	2019	\$33,153,382	\$13,728,302	\$1,456,881	\$1,670,557	\$19,211,404	\$576,342	\$123,379,487	\$190,710	\$-7,798,303	\$131,177,790	\$1,520,447	\$1,545,687
55	June	2019	\$31,296,416	\$2,918,529	\$2,128,342	\$2,440,498	\$28,065,730	\$841,972	\$155,205,719	\$261,838	\$-9,976,963	\$165,182,682	\$1,824,537	\$1,854,824
56	July	2019	\$36,371,700	\$12,397,414	\$1,798,071	\$2,061,789	\$23,710,568	\$711,317	\$192,025,018	\$329,380	\$-11,709,372	\$203,734,390	\$2,128,626	\$2,163,962
57	August	2019	\$30,636,457	\$10,120,582	\$1,538,691	\$1,764,365	\$20,290,200	\$608,706	\$223,044,507	\$407,519	\$-13,066,218	\$236,110,725	\$2,432,716	\$2,473,099
58	September	2019	\$22,030,235	\$8,889,803	\$1,360,532	\$1,560,077	\$17,940,887	\$538,227	\$245,413,424	\$473,349	\$-14,152,947	\$259,566,370	\$2,736,805	\$2,782,236
59	October	2019	\$28,012,408	\$8,635,814	\$1,453,245	\$1,666,387	\$19,163,451	\$574,904	\$273,787,592	\$520,820	\$-15,298,514	\$289,086,106	\$3,040,895	\$3,091,374
60	November	2019	\$40,171,816	\$18,831,619	\$1,600,515	\$1,835,257	\$21,105,454	\$633,164	\$314,357,829	\$581,036	\$-16,552,734	\$330,910,563	\$3,344,984	\$3,400,511
61	December	2019	\$67,290,300	\$31,777,619	\$2,663,451	\$3,054,091	\$35,122,042	\$1,053,661	\$382,311,151	\$667,135	\$-18,939,689	\$401,250,841	\$3,649,074	\$3,709,649
62	January	2020	\$54,747,640	\$5,430,333	\$3,698,798	\$4,241,288	\$48,774,817	\$1,463,245	\$437,979,546	\$811,347	\$-22,369,631	\$460,349,177	\$3,879,922	\$3,944,329
63	February	2020	\$15,808,432	\$0	\$1,185,632	\$1,359,525	\$15,634,539	\$469,036	\$454,083,121	\$929,487	\$-22,799,669	\$476,882,790	\$4,110,771	\$4,179,010
64	March	2020	\$15,808,432	\$0	\$1,185,632	\$1,359,525	\$15,634,539	\$469,036	\$470,186,696	\$963,662	\$-23,195,532	\$493,382,228	\$4,341,620	\$4,413,690
65	April	2020	\$25,235,711	\$49,379	\$1,888,975	\$2,166,025	\$24,909,282	\$747,278	\$495,892,635	\$997,838	\$-24,363,719	\$520,256,354	\$4,572,468	\$4,648,371
66	May	2020	\$39,447,564	\$2,622,463	\$2,761,883	\$3,166,959	\$36,420,025	\$1,092,601	\$536,027,724	\$1,052,391	\$-26,478,286	\$562,506,011	\$4,803,317	\$4,883,052
67	June	2020	\$25,713,677	\$200,067	\$1,913,521	\$2,194,170	\$25,232,960	\$756,989	\$562,217,741	\$1,137,567	\$-27,534,890	\$589,752,631	\$5,126,728	\$5,211,832
68	July	2020	\$15,808,432	\$0	\$1,185,632	\$1,359,525	\$15,634,539	\$469,036	\$578,321,316	\$1,193,147	\$-27,701,268	\$606,022,583	\$5,357,577	\$5,446,513
69	August	2020	\$24,946,853	\$1,489,047	\$1,759,335	\$2,017,371	\$23,199,770	\$695,993	\$603,706,126	\$1,227,323	\$-28,491,316	\$632,197,442	\$12,043,634	\$12,243,558
70	September	2020	\$15,808,432	\$0	\$1,185,632	\$1,359,525	\$15,634,539	\$469,036	\$619,809,701	\$1,281,195	\$-28,569,647	\$648,379,347	\$12,274,482	\$12,478,239
71	October	2020	\$16,956,164	\$39,909	\$1,268,719	\$1,454,798	\$16,730,176	\$501,905	\$637,081,691	\$1,315,370	\$-28,709,075	\$665,790,766	\$13,653,064	\$13,879,705
72	November	2020	\$16,547,818	\$1,347	\$1,240,985	\$1,422,997	\$16,364,460	\$490,934	\$653,938,432	\$1,352,025	\$-28,780,046	\$682,718,479	\$13,883,912	\$14,114,385
73	December	2020	\$180,191,421	\$95,073,799	\$6,383,822	\$7,320,116	\$84,181,329	\$2,525,440	\$835,719,000	\$1,387,799	\$-34,712,363	\$870,431,363	\$14,114,761	\$14,349,066

4) ISO Corporate Overhead Loader

Line	ISO Corp OH Rate	7.50%
74		

5) ISO Cost of Removal Percent

Line	Cost of Removal Rate	8.00%
75		

6) AFUDC Loader Rate

Line	ISO AFUDC Rate	3.00%
76		

7) Calculation of ISO Depreciation Rate

December Prior Year plant balances and accrual rates are as shown on Schedule 17 Depreciation

Col 1	Col 2	Col 3	Col 4
Line	December	Prior Year	Accrual
Acct	Plant Balance	Rate	Annual Accrual
77	350.1	\$87,352,690	0.00%
78	350.2	\$165,261,947	1.66%
79	352	\$643,675,310	2.57%
80	353	\$3,459,763,553	2.47%
81	354	\$2,284,709,799	2.44%
82	355	\$386,542,291	3.67%
83	356	\$1,311,509,387	3.05%
84	357	\$190,891,202	1.65%
85	358	\$83,989,219	3.87%
86	359	\$173,783,603	1.56%
87			
88		Sum of Depreciation Expense	\$223,787,133
89		Sum of Dec Prior Year Plant	\$8,787,478,998
90			Sum of C2 Lines 77 to 86
91		Composite Depreciation Rate	2.55%
			Line 88 / Line 89

Notes:

- 1) Forecast Period is the calendar year two years after the Prior Year (i.e., PY+2).
- 2) Sum of Incentive Plant Calculations and Non-Incentive Calculations, lines 26-49 and lines 50-73

Schedule 17
Depreciation Expense

TO2020 Annual Update
Attachment 5, Settlement Model
2018 True Up TRR

Depreciation Expense

Input cells are shaded yellow

1) Calculation of Depreciation Expense for Transmission Plant - ISO

Prior Year: 2018

Balances for Transmission Plant - ISO during the Prior Year, including December of previous year: Source: 6-PlantInService, Lines 1-13.

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
FERC Account:												
Line	Mo/YR	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	Total
1	Dec 2017	\$87,876,203	\$164,901,118	\$569,698,023	\$3,409,447,774	\$2,283,380,922	\$364,424,080	\$1,245,933,686	\$190,222,489	\$84,920,374	\$172,640,885	\$8,573,445,554
2	Jan 2018	\$87,726,550	\$164,912,802	\$572,332,929	\$3,412,113,168	\$2,283,554,236	\$365,210,290	\$1,262,415,948	\$190,266,139	\$84,940,910	\$172,627,083	\$8,596,100,056
3	Feb 2018	\$87,725,072	\$164,931,368	\$575,091,120	\$3,418,289,127	\$2,283,947,645	\$366,128,750	\$1,263,115,451	\$190,339,338	\$84,952,339	\$172,672,088	\$8,607,192,297
4	Mar 2018	\$87,282,778	\$164,965,584	\$577,997,994	\$3,426,831,317	\$2,284,109,107	\$368,947,731	\$1,265,485,090	\$190,420,082	\$83,759,857	\$172,736,334	\$8,622,535,874
5	Apr 2018	\$87,297,163	\$164,964,204	\$581,033,321	\$3,431,680,464	\$2,284,271,822	\$370,175,481	\$1,264,883,890	\$190,542,108	\$83,819,140	\$172,689,916	\$8,631,357,509
6	May 2018	\$87,298,132	\$164,972,545	\$580,581,318	\$3,433,781,768	\$2,284,323,095	\$370,936,066	\$1,270,451,267	\$190,615,516	\$83,855,423	\$172,705,863	\$8,639,520,992
7	Jun 2018	\$87,307,462	\$165,165,006	\$585,796,088	\$3,444,242,238	\$2,284,518,162	\$371,768,074	\$1,271,328,346	\$190,661,684	\$83,878,067	\$172,883,402	\$8,657,548,529
8	Jul 2018	\$87,306,976	\$165,176,355	\$589,092,910	\$3,447,324,975	\$2,284,562,680	\$372,042,703	\$1,272,813,056	\$190,691,597	\$83,892,934	\$172,836,726	\$8,665,740,912
9	Aug 2018	\$87,330,957	\$165,183,770	\$597,444,040	\$3,455,667,216	\$2,284,539,001	\$381,776,186	\$1,288,343,514	\$190,713,761	\$83,903,902	\$172,900,765	\$8,707,803,114
10	Sep 2018	\$87,331,479	\$165,177,384	\$604,383,753	\$3,456,584,434	\$2,284,549,099	\$383,272,978	\$1,289,977,383	\$190,781,811	\$83,936,902	\$172,921,318	\$8,718,916,541
11	Oct 2018	\$87,345,207	\$165,189,259	\$607,654,477	\$3,452,212,581	\$2,284,577,055	\$384,624,602	\$1,292,243,484	\$190,831,339	\$83,961,794	\$173,487,024	\$8,722,126,822
12	Nov 2018	\$87,344,391	\$165,233,271	\$610,126,156	\$3,458,389,095	\$2,284,536,273	\$385,813,372	\$1,293,205,824	\$190,855,520	\$83,971,831	\$173,636,577	\$8,733,112,310
13	Dec 2018	\$87,352,690	\$165,261,947	\$643,675,310	\$3,459,763,553	\$2,284,709,795	\$386,542,291	\$1,311,509,387	\$190,891,202	\$83,989,219	\$173,783,603	\$8,787,478,998

14	Depreciation Rates (Percent per year) See "18 DepRates" and Instruction 1.											
Settlement Term #4: Delete "18 Dep Rates and"												
16	Mo/YR	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	
17a	Dec 2017	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%	
17b	Jan 2018	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%	
17c	Feb 2018	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%	
17d	Mar 2018	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%	
17e	Apr 2018	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%	
17f	May 2018	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%	
17g	Jun 2018	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%	
17h	Jul 2018	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%	
17i	Aug 2018	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%	
17j	Sep 2018	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%	
17k	Oct 2018	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%	
17l	Nov 2018	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%	
17m	Dec 2018	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%	

18	Monthly Depreciation Expense for Transmission Plant - ISO by FERC Account: See Note 1 and Instruction 1											
Settlement Term #4: These depreciation rates are those that were in effect in the 2018 Prior Year, which correspond to the rates on Schedule 18 since the effective date of the Second Formula Rate is 1-1-18.												
21	Mo/YR	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	Month Total
22												
23	Mo/YR	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	
24	Jan 2018	\$0	\$228,113	\$1,220,103	\$7,017,780	\$4,642,875	\$1,114,530	\$3,166,748	\$261,556	\$273,868	\$224,433	\$18,150,007
25	Feb 2018	\$0	\$228,129	\$1,225,746	\$7,023,266	\$4,643,227	\$1,116,935	\$3,208,641	\$261,616	\$273,934	\$224,415	\$18,205,910
26	Mar 2018	\$0	\$228,155	\$1,231,653	\$7,035,978	\$4,644,027	\$1,119,744	\$3,210,418	\$261,717	\$273,971	\$224,474	\$18,230,138
27	Apr 2018	\$0	\$228,202	\$1,237,879	\$7,053,561	\$4,644,355	\$1,128,365	\$3,216,441	\$261,828	\$270,126	\$224,557	\$18,265,315
28	May 2018	\$0	\$228,200	\$1,244,380	\$7,063,542	\$4,644,686	\$1,132,120	\$3,214,913	\$261,995	\$270,317	\$224,497	\$18,284,651
29	Jun 2018	\$0	\$228,212	\$1,243,412	\$7,067,867	\$4,644,790	\$1,134,446	\$3,229,064	\$262,096	\$270,434	\$224,518	\$18,304,839
30	Jul 2018	\$0	\$228,478	\$1,254,580	\$7,089,399	\$4,645,187	\$1,136,991	\$3,231,293	\$262,160	\$270,507	\$224,748	\$18,343,342
31	Aug 2018	\$0	\$228,494	\$1,261,641	\$7,095,744	\$4,645,277	\$1,137,831	\$3,235,067	\$262,201	\$270,555	\$224,688	\$18,361,496
32	Sep 2018	\$0	\$228,504	\$1,279,526	\$7,112,915	\$4,645,229	\$1,167,599	\$3,274,540	\$262,231	\$270,590	\$224,771	\$18,465,906
33	Oct 2018	\$0	\$228,495	\$1,294,389	\$7,114,803	\$4,645,250	\$1,172,177	\$3,278,693	\$262,325	\$270,697	\$224,798	\$18,491,625
34	Nov 2018	\$0	\$228,512	\$1,301,393	\$7,105,804	\$4,645,307	\$1,176,310	\$3,284,452	\$262,393	\$270,777	\$225,533	\$18,500,481
35	Dec 2018	\$0	\$228,573	\$1,306,687	\$7,118,518	\$4,645,224	\$1,179,946	\$3,286,898	\$262,426	\$270,809	\$225,728	\$18,524,808
36	Totals:	\$0	\$2,740,069	\$15,101,389	\$84,899,178	\$55,735,434	\$13,716,993	\$38,837,167	\$3,144,544	\$3,256,584	\$2,697,159	\$220,128,517

Total Annual Depreciation Expense for Transmission Plant - ISO:
(equals sum of monthly amounts)

39 2) Calculation of Depreciation Expense for Distribution Plant - ISO

	<u>360</u>	<u>361</u>	<u>362</u>	<u>Source</u>
42 Distribution Plant - ISO BOY	\$0	\$0	\$0	6-PlantInService Line 15.
43 Distribution Plant - ISO EOY	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	6-PlantInService Line 16.
44 Average BOY/EOY :	\$0	\$0	\$0	

45

46 Depreciation Rates (Percent per year) See "18-DepRates".

	<u>360</u>	<u>361</u>	<u>362</u>
48	1.67%	<u>2.27%</u>	<u>1.90%</u>
49		<u>2.30%</u>	<u>2.01%</u>

50 Depreciation Expense for Distribution Plant - ISO

See Note 2 and Instruction 2

51

	<u>360</u>	<u>361</u>	<u>362</u>	<u>Total</u>	
53	\$0	\$0	\$0	\$0	\$0 Total is sum of Depreciation Expense for accounts 360, 361, and 362

54

55

56 3) Calculation of Depreciation Expense for General Plant and Intangible Plant

57

58 Total General Plant Depreciation Expense	<u>243,387,703</u>	FF1 336.10f
59 Total Intangible Plant Depreciation Expense	<u>205,114,641</u>	FF1 336.1f
60 Sum of Total General and Total Intangible Depreciation Expense	\$448,502,344	Line 58 + Line 59
61 Transmission Wages and Salaries Allocation Factor	5.7427%	27-Allocators, Line 5 9
62 General and Intangible Depreciation Expense	\$25,755,942	Line 60 * Line 61

63

64 4) Depreciation Expense

65

	<u>Amount</u>	<u>Source</u>
67 1) Depreciation Expense for Transmission Plant - ISO	\$220,128,517.29	Line 37, Col 12
68 2) Depreciation Expense for Distribution Plant - ISO	\$0	Line 53
69 3) General and Intangible Depreciation Expense	<u>\$25,755,942</u>	Line 62
70	Depreciation Expense:	\$245,884,459.62 Line 67 + Line 68 + Line 69

Notes:

1) Depreciation Expense for each account for each month is equal to the previous month balance of Transmission Plant - ISO for that same account, times the Monthly Depreciation Rate for that account. Monthly rate = annual rates on Line 17a etc. divided by 12.

2) Depreciation Expense for each account is equal to the Average BOY/EOY value on Line 44 times the

Depreciation Rate on Line 48.

Settlement Term #4: Revise Instruction #1

Instructions:
1) Depreciation rates on lines 17a-17m are input based on the stated values of ISO Transmission Plant depreciation rates from Schedule 18 of the Formula Rate Spreadsheet in effect during the Prior Year. Depreciation rates on Lines 17a-17m input from Schedule 18.

However, in the event of a change in depreciation rates approved by the Commission, use Commission-approved depreciation rates—that were in effect during the Prior Year.

2) In the event that depreciation rates stated on Schedule 18 to be applied to Distribution Plant - ISO are revised mid-year, calculate Depreciation Expense for Distribution Plant - ISO on Line 53 utilizing the weighted-average (by time) of the annual depreciation rates in effect in the Prior Year.

Schedule 18
Depreciation Rates

TO2020 Annual Update
Attachment 5, Settlement Model
2018 True Up TRR

Depreciation Rates

1) Transmission Plant - ISO			Stated transmission depreciation rates revised per settlement term 4			Filed Transmission Depreciation Rates			
Line	FERC Account	Description	Plant Less Salvage	Removal Cost	Total	Plant Less Salvage	Removal Cost	Total	
1	350.1	Fee Land	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	350.2	Easements	1.66%	0.00%	1.66%	1.67%	0.00%	1.67%	
3	352	Structures and Improvements	1.80%	0.77%	2.57%	1.79%	0.62%	2.41%	
4	353	Station Equipment	2.20%	0.27%	2.47%	2.39%	0.45%	2.84%	
5	354	Towers and Fixtures	1.35%	1.09%	2.44%	1.20%	1.53%	2.73%	
6	355	Poles and Fixtures	2.00%	1.67%	3.67%	1.06%	1.78%	2.84%	
7	356	Overhead Conductors and Devices	2.00%	1.05%	3.05%	0.78%	2.46%	3.24%	
8	357	Underground Conduit	1.65%	0.00%	1.65%	1.73%	0.00%	1.73%	
9	358	Underground Conductors and Devices	3.26%	0.61%	3.87%	1.62%	0.79%	2.41%	
10	359	Roads and Trails	1.56%	0.00%	1.56%	1.65%	0.00%	1.65%	
11	2) Distribution Plant - ISO			Plant Less Salvage Removal Cost Total			Plant Less Salvage Removal Cost Total		
	FERC Account	Description	Plant Less Salvage	Removal Cost	Total	Plant Less Salvage	Removal Cost	Total	
12	360	Land and Land Rights	1.67%	0.00%	1.67%	1.67%	0.00%	1.67%	
13	361	Structures and Improvements	1.75%	0.52%	2.27%	1.75%	0.52	2.27	
14	362	Station Equipment	1.32%	0.58%	1.90%	1.32%	0.58	1.90	
15	389	Land and Land Rights	1.67%	0.00%	1.67%	General, Intangible, and Distribution depreciation rates pursuant to 2018 GRC order D19-05-020			
16	390	Structures and Improvements	1.81%	0.27%	2.08%				
17	391.1	Office Furniture	5.00%	0.00%	5.00%				
18	391.5	Office Equipment	20.00%	0.00%	20.00%				
19	391.6	Duplicating Equipment	20.00%	0.00%	20.00%				
20	391.2	Personal Computers	20.00%	0.00%	20.00%				
21	391.3	Mainframe Computers	20.00%	0.00%	20.00%				
22	391.7	PC Software	20.00%	0.00%	20.00%				
23	391.4 DDSMS - CPU & Processing		14.29%	0.00%	14.29%				
24	391.4 DDSMS - Controllers, Receivers, Comm.		10.00%	0.00%	10.00%				
25	391.4 DDSMS - Telemetering & System		6.67%	0.00%	6.67%				
26	391.4 DDSMS - Miscellaneous		5.00%	0.00%	5.00%				
27	391.4 DDSMS - Map Board		20.00	4.00%	20.00				
28	393	Stores Equipment	5.00%	0.00%	5.00%				
29	395	Laboratory Equipment	6.67%	0.00%	6.67%				
30	398	Misc Power Plant Equipment	5.00%	0.00%	5.00%				
31	397	Data Network Systems	20.00%	0.00%	20.00%				
32	397	Telecom System Equipment	14.29%	0.00%	14.29%				
33	397	Netcomm Radio Assembly	10.00%	0.00%	10.00%				
34	397	Microwave Equip. & Antenna Assembly	6.67%	0.00%	6.67%				
35	397	Telecom Power Systems	5.00%	0.00%	5.00%				
36	397	Fiber Optic Communication Cables	4.00%	0.00%	4.00%				
37	397	Telecom Infrastructure	2.50%	0.00%	2.50%				
38	392	Transportation Equip.	14.29%	0.00%	14.29%				
39	394.4	Garage & Shop -- Equip.	10.00%	0.00%	10.00%				
40	394.5	Tools & Work Equip. -- Shop	10.00%	0.00%	10.00%				
41	396	Power Oper Equip	6.67%	0.00%	6.67%				
42	302	Hydro Relicensing	1.85	2.47%	1.85				
43	303	Radio Frequency	2.50%	0.00%	2.50%				
44	301	Other Intangibles	5.00%	0.00%	5.00%				
45	303	Cap Soft 5yr	20.31%	0.00%	20.31%				
46	303	Cap Soft 7yr	14.62%	0.00%	14.62%				
47	303	Cap Soft 10yr	12.93%	0.00%	12.93%				
48	303	Cap Soft 15yr	8.48%	0.00%	8.48%				

Notes: 1) Depreciation rates may only be revised as approved by the Commission pursuant to a Section 205 or 206 filing.

Operations and Maintenance Expenses

1) Determination of Adjusted Operations and Maintenance Expenses for each account (Note 1)

Cells shaded yellow are input cells

Col 1	Col 2 = C3 + C4	Col 3	Col 4	Col 5 Note 2	Col 6 = C7 + C8	Col 7	Col 8	Col 9 = C10 + C11	Col 10 = C3 + C7	Col 11 = C4 + C8	
Line	Account/Work Activity	Total Recorded O&M Expenses			Adjustments			Adjusted Recorded O&M Expenses			
		Total	Labor	Non-Labor	Reason	Total	Labor	Non-Labor	Total	Labor	Non-Labor
Transmission Accounts											
1	560 - Operations Supervision and Engineering - Allocated	\$7,858,326	\$4,060,418	\$3,797,908		-\$67,500		(\$67,500)	7,790,826	4,060,418	3,730,408
2	560 - Sylmar/Palo Verde	\$236,782	\$0	\$236,782		\$0	\$0	\$0	236,782	-	236,782
3	561 Load Dispatch - Allocated	\$10,677,344	\$8,445,222	\$2,232,122		\$0		\$0	10,677,344	8,445,222	2,232,122
4	561.400 Scheduling, System Control and Dispatch Services	\$36,792,220	\$0	\$36,792,220	A	-\$36,792,220		\$0 (\$36,792,220)	-	-	-
5	561.500 Reliability Planning and Standards Development	\$4,373,750	\$3,933,925	\$439,825		\$0	\$0	\$0	4,373,750	3,933,925	439,825
6	562 - Station Expenses - Allocated	\$21,299,111	\$17,032,799	\$4,266,312		\$0	\$0	\$0	21,299,111	17,032,799	4,266,312
7	562 - MOGS Station Expense	\$0	\$0	\$0	B	\$0	\$0	\$0	-	-	-
8	562 - Sylmar/Palo Verde	\$901,304	\$0	\$901,304		\$0	\$0	\$0	901,304	-	901,304
9	563 - Overhead Line Expenses - Allocated	\$5,388,238	\$3,483,356	\$1,904,881		\$0	\$0	\$0	5,388,238	3,483,356	1,904,881
10	564 - Underground Line Expenses - Allocated	\$1,929,614	\$1,629,006	\$300,608		\$0	\$0	\$0	1,929,614	1,629,006	300,608
11	565 - Transmission of Electricity by Others	-\$9,783	\$0	(\$9,783)		\$0	\$0	\$0	(9,783)	-	(9,783)
12	565 - Wheeling Costs	\$17,452,121	\$0	\$17,452,121	C	-\$17,452,121		\$0 (\$17,452,121)	-	-	-
13	565 - WAPA Transmission for Remote Service	\$282,330	\$0	\$282,330		\$0	\$0	\$0	282,330	-	282,330
14	566 - Miscellaneous Transmission Expenses - Allocated	\$43,137,242	\$21,165,534	\$21,971,708	F, H	-\$9,735	(\$9,034)	(\$701)	43,127,507	21,156,500	21,971,007
15	566 - ISO/RSBA/TSP Balancing Accounts	\$13,032,603	\$284,724	\$12,747,880	D	-\$11,056,670	(\$7,440)	(\$11,049,230)	1,975,933	277,284	1,698,649
16	566 - Sylmar/Palo Verde/Other General Functions	\$1,110,387	\$0	\$1,110,387		\$0	\$0	\$0	1,110,387	-	1,110,387
17	567 - Line Rents - Allocated	\$15,939,487	\$5,614	\$15,933,873		\$0	\$0	\$0	15,939,487	5,614	15,933,873
18	567 - Eldorado	\$82,879	\$0	\$82,879		\$0	\$0	\$0	82,879	-	82,879
19	567 - Sylmar/Palo Verde	\$438,003	\$0	\$438,003		\$0	\$0	\$0	438,003	-	438,003
20	568 - Maintenance Supervision and Engineering - Allocated	\$2,571,657	\$2,231,814	\$339,843		\$0	\$0	\$0	2,571,657	2,231,814	339,843
21	568 - Sylmar/Palo Verde	\$248,127	\$0	\$248,127		\$0	\$0	\$0	248,127	-	248,127
22	569 - Maintenance of Structures - Allocated	\$40,591,067	(\$15,574)	\$40,606,641	E	-\$37,524,555		\$0 (\$37,524,555)	3,066,512	(15,574)	3,082,086
23	569 - Sylmar/Palo Verde	\$147,367	\$0	\$147,367		\$0	\$0	\$0	147,367	-	147,367
24	570 - Maintenance of Station Equipment - Allocated	\$8,094,281	\$4,388,695	\$3,705,586		\$0	\$0	\$0	8,094,281	4,388,695	3,705,586
25	570 - Sylmar/Palo Verde	\$1,007,421	\$14,053	\$993,368		\$0	\$0	\$0	1,007,421	14,053	993,368
26	571 - Maintenance of Overhead Lines - Allocated	\$25,917,292	\$7,348,270	\$18,569,022	F	-\$2,951,737	(\$91,503)	(\$2,860,234)	22,965,555	7,256,766	15,708,788
27	571 - Sylmar/Palo Verde	\$518,175	\$0	\$518,175		\$0	\$0	\$0	518,175	-	518,175
28	572 - Maintenance of Underground Lines - Allocated	\$322,776	\$63,260	\$259,516		\$0	\$0	\$0	322,776	63,260	259,516
29	572 - Sylmar/Palo Verde	\$393	\$0	\$393		\$0	\$0	\$0	393	-	393
30	573 - Maintenance of Miscellaneous Trans. Plant - Allocated	-\$362,672	\$577,048	(\$939,720)		\$0	\$0	\$0	(362,672)	577,048	(939,720)
31	...	---	---	---		\$0	---	---	---	---	---
32	Transmission NOIC (Note 3)	-	-	-		\$6,437,039	\$6,437,039	\$0	\$6,437,039	\$6,437,039	\$0
33	Total Transmission O&M	\$259,977,841	\$74,648,164	\$185,329,677		-\$99,417,499	\$6,329,062	-\$105,746,561	\$160,560,342	\$80,977,226	\$79,583,116
34											

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Col 1	Col 2 = C3 + C4	Col 3	Col 4	Col 5 Note 2	Col 6 = C7 + C8	Col 7	Col 8	Col 9 = C10 + C11	Col 10 = C3 + C7	Col 11 = C4 + C8
Account/Work Activity Rev	Total Recorded O&M Expenses				Adjustments			Adjusted Recorded O&M Expenses		
	Total	Labor	Non-Labor	Reason	Total	Labor	Non-Labor	Total	Labor	Non-Labor
Distribution Accounts										
35 582 - Station Expenses	34,617,001	\$26,689,255	\$7,927,745		-	\$0	\$0	34,617,001	26,689,255	7,927,745
36 590 - Maintenance Supervision and Engineering	2,559,657	\$2,231,690	\$327,968		-	\$0	\$0	2,559,657	2,231,690	327,968
37 591 - Maintenance of Structures	59,401	\$9,755	\$49,645		-	\$0	\$0	59,401	9,755	49,645
38 592 - Maintenance of Station Equipment	9,035,334	\$4,468,502	\$4,566,832		-	\$0	\$0	9,035,334	4,468,502	4,566,832
39 Accounts with no ISO Distribution Costs	486,655,346	\$202,370,099	\$284,285,247	F, H	(7,449,124)	(\$522,798)	(\$6,926,326)	479,206,222	201,847,301	277,358,921
40 Distribution NOIC (Note 3)	-	-	-		20,330,792	20,330,792	-	20,330,792	20,330,792	-
41 Total Distribution O&M	532,926,739	235,769,301	297,157,437		12,881,668	19,807,994	(6,926,326)	545,808,407	255,577,296	290,231,111
42										
43 Total Transmission and Distribution O&M	792,904,579	310,417,465	482,487,114		(86,535,831)	26,137,056	(112,672,887)	706,368,749	336,554,522	369,814,227
44										
45 Total Transmission O&M Expenses in FERC Form 1:	\$259,977,841	FF1 321.112b	Must equal Line 33, Column 2.							
46 Total Distribution O&M Expenses in FERC Form 1:	\$532,926,739	FF1 322.156b	Must equal Line 41, Column 2.							
47 Total TDBU NOIC	\$26,767,831	20-AandG, Note 2, f								

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2) Determination of ISO Operations and Maintenance Expenses for each account (Note 5).

Col 1	Col 2 From C9 above	Col 3 From C10 above	Col 4 From C11 above	Col 5 Note 6	Col 6 = C7 + C8	Col 7 = C3 * C5	Col 8 = C4 * C5	Col 9
								Adjusted Recorded O&M Expenses
Account/Work Activity Rev	Total	Labor	Non-Labor	ISO	Total	Labor	Non-Labor	Reference
Transmission Accounts								
48 560 - Operations Supervision and Engineering - Allocated	7,790,826	4,060,418	3,730,408	37.1%	2,888,180	1,505,260	1,382,920	27-Allocators Line 42
49 560 - Sylmar/Palo Verde	236,782	-	236,782	100.0%	236,782	-	236,782	100%
50 561 Load Dispatch - Allocated	10,677,344	8,445,222	2,232,122	37.1%	3,958,258	3,130,775	827,482	27-Allocators Line 42
51 561.400 Scheduling, System Control and Dispatch Services	-	-	-	0.0%	-	-	-	0%
52 561.500 Reliability Planning and Standards Development	4,373,750	3,933,925	439,825	100.0%	4,373,750	3,933,925	439,825	100%
53 562 - Station Expenses - Allocated	21,299,111	17,032,799	4,266,312	37.1%	7,895,912	6,314,324	1,581,588	27-Allocators Line 42
54 562 - MOGS Station Expense	-	-	-	0.0%	-	-	-	0%
55 562 - Sylmar/Palo Verde	901,304	-	901,304	100.0%	901,304	-	901,304	100%
56 563 - Overhead Line Expenses - Allocated	5,388,238	3,483,356	1,904,881	46.9%	2,526,830	1,633,531	893,300	27-Allocators Line 30
57 564 - Underground Line Expenses - Allocated	1,929,614	1,629,006	300,608	1.4%	26,579	22,438	4,141	27-Allocators Line 36
58 565 - Transmission of Electricity by Others	(9,783)	-	(9,783)	100.0%	(9,783)	-	(9,783)	100%
59 565 - Wheeling Costs	-	-	-	0.0%	-	-	-	0%
60 565 - WAPA Transmission for Remote Service	282,330	-	282,330	0.0%	-	-	-	0%
61 566 - Miscellaneous Transmission Expenses - Allocated	43,127,507	21,156,500	21,971,007	37.1%	15,988,039	7,843,044	8,144,994	27-Allocators Line 42
62 566 - ISO/RSBA/TSP Balancing Accounts	1,975,933	277,284	1,698,649	0.0%	-	-	-	0%
63 566 - Sylmar/Palo Verde/Other General Functions	1,110,387	-	1,110,387	100.0%	1,110,387	-	1,110,387	100%
64 567 - Line Rents - Allocated	15,939,487	5,614	15,933,873	46.9%	7,474,871	2,633	7,472,238	27-Allocators Line 30
65 567 - Eldorado	82,879	-	82,879	100.0%	82,879	-	82,879	100%
66 567 - Sylmar/Palo Verde	438,003	-	438,003	100.0%	438,003	-	438,003	100%
67 568 - Maintenance Supervision and Engineering - Allocated	2,571,657	2,231,814	339,843	37.1%	953,353	827,368	125,985	27-Allocators Line 42
68 568 - Sylmar/Palo Verde	248,127	-	248,127	100.0%	248,127	-	248,127	100%
69 569 - Maintenance of Structures - Allocated	3,066,512	(15,574)	3,082,086	37.1%	1,136,804	(5,773)	1,142,577	27-Allocators Line 42
70 569 - Sylmar/Palo Verde	147,367	-	147,367	100.0%	147,367	-	147,367	100%
71 570 - Maintenance of Station Equipment - Allocated	8,094,281	4,388,695	3,705,586	37.1%	3,000,676	1,626,958	1,373,718	27-Allocators Line 42
72 570 - Sylmar/Palo Verde	1,007,421	14,053	993,368	100.0%	1,007,421	14,053	993,368	100%
73 571 - Maintenance of Overhead Lines - Allocated	22,965,555	7,256,766	15,708,788	46.9%	10,769,767	3,403,083	7,366,684	27-Allocators Line 30
74 571 - Sylmar/Palo Verde	518,175	-	518,175	100.0%	518,175	-	518,175	100%
75 572 - Maintenance of Underground Lines - Allocated	322,776	63,260	259,516	1.4%	4,446	871	3,575	27-Allocators Line 36
76 572 - Sylmar/Palo Verde	393	-	393	100.0%	393	-	393	100%
77 573 - Maintenance of Miscellaneous Trans. Plant - Allocated	(362,672)	577,048	(939,720)	37.1%	(134,448)	213,921	(348,369)	27-Allocators Line 42
78 ...	---	---	---	---	---	---	---	---
79 Transmission NOIC (Note 4)	6,437,039	6,437,039	-	-	2,630,977	2,630,977	-	-
80 Total Transmission - ISO O&M	160,560,342	80,977,226	79,583,116	-	68,175,047	33,097,386	35,077,660	-

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Operations and Maintenance

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<u>Col 1</u>	<u>Col 2</u> From C9 above	<u>Col 3</u> From C10 above	<u>Col 4</u> From C11 above	<u>Col 5</u> Note 6	<u>Col 6</u> = C7 + C8	<u>Col 7</u> = C3 * C5	<u>Col 8</u> = C4 * C5	<u>Col 9</u>
<u>Account/Work Activity Rev</u>	<u>Adjusted Recorded O&M Expenses</u>			<u>Percent</u>	<u>ISO O&M Expenses</u>			<u>Percent ISO</u>
	Total	Labor	Non-Labor	ISO	Total	Labor	Non-Labor	Reference
Distribution Accounts								
82 582 - Station Expenses	34,617,001	26,689,255	7,927,745	0.0%	-	-	-	- 27-Allocators Line 48
83 590 - Maintenance Supervision and Engineering	2,559,657	2,231,690	327,968	0.0%	-	-	-	- 27-Allocators Line 48
84 591 - Maintenance of Structures	59,401	9,755	49,645	0.0%	-	-	-	- 27-Allocators Line 48
85 592 - Maintenance of Station Equipment	9,035,334	4,468,502	4,566,832	0.0%	-	-	-	- 27-Allocators Line 48
86 Accounts with no ISO Distribution Costs	479,206,222	201,847,301	277,358,921	0.00%	-	-	-	- 0%
87 Distribution NOIC (Note 4)	20,330,792	20,330,792	-	0.00%	-	-	-	- 0%
88 Total Distribution - ISO O&M	545,808,407	255,577,296	290,231,111		-	-	-	-
89								
90								
91 Total ISO O&M Expenses (in Column 6)	706,368,749	336,554,522	369,814,227		68,175,047	33,097,386	35,077,660	
92 Line 80 + Line 88								

Notes:

1) "Adjusted Operations and Maintenance Expenses for each account" are the total amounts of O&M costs booked to each Transmission or Distribution account, less adjustments as noted.

2) Reasons for excluded amounts:

A: Exclude entire amount, all attributable to CAISO costs recovered in Energy Resource Recovery Account.

B: Exclude amount related to MOGS Station Expense.

C: Exclude amount attributable to CAISO costs recovered in Energy Resource Recovery Account.

D: Exclude amount recovered through Reliability Services Balancing Account, the Transmission Access Charge Balancing Account Adjustment, and the American Reinvestment Recovery Act for the Tehachapi Wind Energy Storage Project.

E: Exclude amount of costs transferred to account from A&G Account 920 pursuant to Order 668.

F: Excludes shareholder funded costs.

G: Exclude EEI & EPRI Dues Re-Mapped to FERC Account 930.2 Miscellaneous general expenses

Settlement Term #7: Exclude any amounts of ACE and
Spot Bonus awards

H: Exclude any amount of ACE awards or Spot Bonuses in O&M accounts 560-592.

3) Total TDBU NOIC is allocated to Transmission and Distribution in proportion to labor in the respective functions. Transmission NOIC ("Non-Officer Incentive Compensation") equals Total TDBU NOIC times the Transmission NOIC Percentage calculated below. Distribution NOIC equals Total TDBU NOIC times the Distribution NOIC Percentage below.

Total TDBU NOIC is on Line: 47

	<u>Percentage</u>	<u>Calculation</u>
Transmission NOIC Percentage:	24.0477%	Line 33, Col 3 / Line 43, Col 3
Distribution NOIC Percentage:	75.9523%	Line 41, Col 3 / Line 43, Col 3

4) NOIC attributable to ISO Transmission (Column 7) is calculated utilizing a percentage equal to the ratio of total ISO O&M Labor Expenses in column 7 (exclusive of NOIC) to the total labor expenses in column 3 (exclusive of NOIC). That allocator, which is identified below, is then applied to the value in Column 3 to arrive at the NOIC attributable to ISO Transmission in Column 7. Resulting Percentage is: 40.87%

5) "ISO Operations and Maintenance Expenses" is the amount of costs in each Transmission or Distribution account related to ISO Transmission Facilities.

6) See Column 9 for references to source of each Percent ISO.

7) SCE shall make no adjustments to recorded labor amounts related to non-labor labor and/or Indirect labor in Schedule 19.

Schedule 20
Administrative and General Expenses

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Calculation of Administrative and General Expense

Line	Acct.	Description	Inputs are shaded yellow				
			FERC Form 1 Amount	Data Source	Total Amount Excluded	A&G Expense	Notes
1	920	A&G Salaries	\$380,019,593	FF1 323.181b	\$171,916,034	\$208,103,559	
2	921	Office Supplies and Expenses	\$243,397,352	FF1 323.182b	\$8,604,255	\$234,793,097	
3	922	A&G Expenses Transferred	-\$153,376,384	FF1 323.183b	-\$62,480,935	-\$90,895,449	
4	923	Outside Services Employed	\$54,239,013	FF1 323.184b	\$8,742,733	\$45,496,280	
5	924	Property Insurance	\$16,155,127	FF1 323.185b	\$0	\$16,155,127	
6	925	Injuries and Damages	\$2,996,146,771	FF1 323.186b	\$3,991,252	\$2,992,155,519	
7	926	Employee Pensions and Benefits	\$115,626,278	FF1 323.187b	-\$12,067,035	\$127,693,313	
8	927	Franchise Requirements	\$113,911,175	FF1 323.188b	\$113,911,175	\$0	
9	928	Regulatory Commission Expenses	\$11,239,506	FF1 323.189b	\$11,197,494	\$42,012	
10	929	Duplicate Charges	\$0	FF1 323.190b	\$0	\$0	
11	930.1	General Advertising Expense	\$6,438,097	FF1 323.191b	\$0	\$6,438,097	
12	930.2	Miscellaneous General Expense	\$23,890,761	FF1 323.192b	\$14,064,692	\$9,826,069	
13	931	Rents	\$8,428,057	FF1 323.193b	\$11,993,182	-\$3,565,125	
14	935	Maintenance of General Plant	\$18,830,965	FF1 323.196b	\$699,128	\$18,131,837	
15			\$3,834,946,311		Total A&G Expenses:	\$3,564,374,335	

		Amount	Source
16	Remaining A&G after exclusions & NOIC Adjustment:	\$3,564,374,335	Line 15
17	Less Account 924:	<u>\$16,155,127</u>	Line 5
18	Amount to apply the Transmission W&S AF:	\$3,548,219,208	Line 16 - Line 17
19	Transmission Wages and Salaries Allocation Factor:	5.7427%	27-Allocators, Line <u>5.9</u>
20	Transmission W&S AF Portion of A&G:	\$203,761,988	Line 18 * Line 19
21	Transmission Plant Allocation Factor:	18.7422%	27-Allocators, Line <u>18.22</u>
22	Property Insurance portion of A&G:	\$3,027,819	Line 5 Col 4 * Line 21
23	Administrative and General Expenses:	\$206,789,807	Line 20 + Line 22

Note 1: Itemization of exclusions

Acct.	Total Amount Excluded (Sum of Col 1 to Col 4)	Col 1 Shareholder Exclusions or Other Adjustments	Franchise Requirements	Col 2	Col 3	Col 4	Notes
				NOIC	PBOPs		
24	920	\$171,916,034	\$52,489,732	\$119,426,302			See Instructions 2b, 3, and Note 2
25	921	\$8,604,255	\$8,604,255		\$0		
26	922	-\$62,480,935	-\$7,944,352		-\$54,536,583		
27	923	\$8,742,733	\$8,742,733		\$0		
28	924	\$0	\$0		\$0		
29	925	\$3,991,252	\$3,991,252		\$0		
30	926	-\$12,067,035	\$9,885,298		\$0	-\$21,952,333	See Note 3
31	927	\$113,911,175	\$0	\$113,911,175	\$0	\$0	See Note 4
32	928	\$11,197,494	\$11,197,494		\$0		
33	929	\$0	\$0		\$0		
34	930.1	\$0	\$0		\$0		
35	930.2	\$14,064,692	\$14,064,692		\$0		
36	931	\$11,993,182	\$11,993,182		\$0		
37	935	\$699,128	\$699,128		\$0		

Revised exclusions from
Incentive Compensation caps

Schedule 20
Administrative and General Expenses

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Note 2: Non-Officer Incentive Compensation ("NOIC") Adjustment

Adjust NOIC by excluding accrued NOIC Amount and replacing with the actual non-capitalized A&G NOIC payout.

	<u>Amount</u>	<u>Source</u>
a	Accrued NOIC Amount:	\$137,026,591
b	Actual A&G NOIC payout:	\$17,600,289
c	Adjustment:	\$119,426,302
Actual non-capitalized NOIC Payouts:		
d	<u>Department</u>	<u>Amount</u>
d	A&G	\$17,600,289
e	Other	\$8,544,925
f	Trans. And Dist. Business Unit	\$26,767,831
g	Total:	\$52,913,045
		Sum of d to f

Note 3: PBOPs Exclusion Calculation

	<u>Amount</u>	<u>Note:</u>
a	Current Authorized PBOPs Expense Amount:	\$18,219,000
b	Prior Year Authorized PBOPs Expense Amount:	\$40,171,333
c	Prior Year FF1 PBOPs expense:	\$18,219,000
d	PBOPs Expense Exclusion:	-\$21,952,333

Note 4:

Amount in Line 31, column 2 equals amount in Line 8, column 1 because all Franchise Requirements Expenses are excluded
Franchise Fees Expenses component of the Prior Year TRR are based on Franchise Fee Factors.

Schedule 20
Administrative and General Expenses

TO2020 Annual Update
Attachment 5, Settlement Model
2018 True Up TRR

Instructions:

- 1) Enter amounts of A&G expenses from FERC Form 1 in Lines 1 to 14.
- 2) Fill out "Itemization of Exclusions" table for all input cells. NOIC amount in Column 3, Line 24 is calculated in Note 2. The PBOPs exclusion in Column 4, Line 30 is calculated in Note 3.
 - a) Exclude amount of any Shareholder Adjustments, costs incurred on behalf of SCE shareholders, from relevant account in Column 1.
 - b) Include as an adjustment in Column 1 for Account 920 any amount excluded from Accounts 569.100, 569.200, and 569.300 in Schedule 19 (OandM) related to Order 668 costs transferred.
 - c) Exclude entire amount of account 927 "Franchise Requirements" in Column 2, as those costs are recovered through the Franchise Fees Expense item.
 - d) Exclude any amount of Account 930.1 "General Advertising Expense" not related to advertising for safety, siting, or informational purposes in column 1.
 - e) Exclude any amount of expense relating to secondary land use and audit expenses not directly benefitting utility customers.
 - f) Exclude from account 930.2:
 - 1) Nuclear Power Research Expenses.
 - 2) Write Off of Abandoned Project Expenses.
 - 3) Any advertising expenses within the Consultants/Professional Services category.
 - g) Exclude the following costs included in any account 920-935:
 - 1) Any amount of "Provision for Doubtful Accounts" costs.
 - 2) Any amount of "Accounting Suspense" costs.
 - 3) Any penalties or fines.
 - 4) Any amount of costs recovered 100% through California Public Utilities Commission ("CPUC") rates.
- 3) NOIC adjustment in Column 3, Line 24 is made by determining the difference between the total accrued NOIC amount included in the FERC Form 1 recorded cost amounts and the actual A&G NOIC payout (see note 2).
NOIC adjustment in column 3, Line 26 is made by entering the amount of accrued NOIC that is capitalized.
- 4) Determine the PBOPs exclusion. The authorized amount of PBOPs expense (line a) may only be revised pursuant to Commission acceptance of an SCE FPA Section 205 filing to revise the authorized PBOPs expense, in accordance with the tariff protocols. Accordingly, any amount different than the authorized PBOPs expense during the Prior Year is excluded from account 926 (see note 3). Docket or Decision approving authorized PBOPs amount: ER19-1226
- 5) SCE shall make no adjustments to recorded labor amounts related to non-labor labor and/or Indirect labor in Schedule 20.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Other Ratemaking
1a	450	4191110	Late Payment Charge- Comm. & Ind.	6,159,993	Traditional OOR	6,159,993	0	6,159,993	0			0	0	1
1b	450	4191115	Residential Late Payment	11,586,485	Traditional OOR	11,586,485	0	11,586,485	0			0	0	1
2	450 Total			17,746,479		17,746,479	0	17,746,479	0		0	0	0	
3	FF-1 Total for Acct 450 - Forfeited Discounts, p300.16b (Must Equal Line 2)			17,746,479										
4a	451	4182110	Recover Unauthorized Use/Non-Energy	122,148	Traditional OOR	122,148	0	122,148	0			0	0	1
4b	451	4182115	Miscellaneous Service Revenue - Ownership Cost	492,543	Traditional OOR	492,543	0	492,543	0			0	0	1
4c	451	4192110	Miscellaneous Service Revenues	34,572,212	Traditional OOR	34,572,212	0	34,572,212	0			0	0	1
4d	451	4192115	Returned Check Charges	1,642,550	Traditional OOR	1,642,550	0	1,642,550	0			0	0	1
4e	451	4192125	Service Reconnection Charges	8,051	Traditional OOR	8,051	0	8,051	0			0	0	1
4f	451	4192130	Service Establishment Charge	(4,119)	Traditional OOR	(4,119)	0	(4,119)	0			0	0	1
4g	451	4192140	Field Collection Charges	(203)	Traditional OOR	(203)	0	(203)	0			0	0	1
4h	451	4192510	Quickcheck Revenue	32	GRSM	0	0	0	32	P	4	28	0	2
4i	451	4192910	PUC Reimbursement Fee-Elect	440,067	Other Ratemaking	0	0	0	0			0	440,067	6
4j	451	4182120	Uneconomic Line Extension		Traditional OOR	0	0	0	0			0	0	1
4k	451	4192152	Opt Out CARE-Res-Ini	2,350	Other Ratemaking	0	0	0	0			0	2,350	1
4l	451	4192155	Opt Out CARE-Res-Mo	30,455	Other Ratemaking	0	0	0	0			0	30,455	1
4m	451	4192158	Opt Out NonCARE-Res-Ini	52,500	Other Ratemaking	0	0	0	0			0	52,500	1
4n	451	4192160	Opt Out NonCARE-Res-Mo	192,560	Other Ratemaking	0	0	0	0			0	192,560	1
4o	451	4192135	Conn-Charge - Residential	5,807,454	Traditional OOR	5,807,454	0	5,807,454	0			0	0	1
4p	451	4192145	Conn-Charge - Non-Residential	2,166,273	Traditional OOR	2,166,273	0	2,166,273	0			0	0	1
4q	451	4192150	Conn-Charge - At Pole	22,408	Traditional OOR	22,408	0	22,408	0			0	0	1
4r	451	4184515	NEM 2.0	3,521,525	Traditional OOR	3,521,525	0	3,521,525	0			0	0	1
4s	451	4186927	AR Service Guarantee	(551,100)	Traditional OOR	(551,100)	0	(551,100)	0			0	0	1
5	451 Total			48,517,705		47,799,741	0	47,799,741	32	P	4	28	717,932	
6	FF-1 Total for Acct 451 - Misc. Service Revenues, p300.17b (Must Equal Line 5)			48,517,705										
8	453 Total			0		0	0	0	0		0	0	0	
9	FF-1 Total for Acct 453 - Sales of Water and Power, p300.18b (Must Equal Line 8)			0										
10a	454	4184110	Joint Pole - Tariffed Conduit Rental	495,725	Traditional OOR	495,725	0	495,725	0			0	0	4
10b	454	4184112	Joint Pole - Tariffed Pole Rental - Cable Cos.	3,367,084	Traditional OOR	3,367,084	0	3,367,084	0			0	0	4
10c	454	4184114	Joint Pole - Tariffed Process & Eng Fees - Cable	887,280	Traditional OOR	887,280	0	887,280	0			0	0	4
10d	454	4184120	Joint Pole - Aud - Unauth Penalty	612,500	Traditional OOR	612,500	0	612,500	0			0	0	4
10e	454	4184510	Joint Pole - Non-Tariffed Pole Rental	149,161	GRSM	0	0	0	149,161	P	29,204	119,957	0	2
10f	454	4184512	Joint Pole - Non-Tariff Process & Engineering Fees	127,662	GRSM	0	0	0	127,662	P	11,943	115,719	0	2
10g	454	4184514	Joint Pole - Non-Tariff Requests for Information	2,160	GRSM	0	0	0	2,160	P	2,160	0	0	2
10h	454	4184516	Oil And Gas Royalties	20,473	GRSM	0	0	0	20,473	P	3,206	17,268	0	2
10i	454	4184518	Def Operating Land & Facilities Rent Rev	(284,635)	Traditional OOR	(284,635)	0	(284,635)	0			0	0	4
10j	454	4184810	Facility Cost -EIX/Nonutility	51,608	Other Ratemaking	3,143	0	0	0			0	48,465	6,12
10k	454	4184815	Facility Cost- Utility		Traditional OOR	0	0	0	0			0	0	7
10l	454	4184820	Rent Billed to Non-Utility Affiliates	1,319,855	Other Ratemaking	80,379	80,379	0	0			0	1,239,476	6,12
10m	454	4184825	Rent Billed to Utility Affiliates		Traditional OOR	0	0	0	0			0	0	7
10n	454	4194110	Meter Leasing Revenue		Traditional OOR	0	0	0	0			0	0	1
10o	454	4194115	Company Financed Added Facilities	10,545,266	Traditional OOR	10,545,266	0	10,545,266	0			0	0	4
10p	454	4194120	Company Financed Interconnect Facilities	625,190	Traditional OOR	625,190	0	625,190	0			0	0	4
10q	454	4194130	SCE Financed Added Facility	24,832,616	Traditional OOR	24,832,616	0	24,832,616	0			0	0	4
10r	454	4194135	Interconnect Facility Finance Charge	15,632,927	Traditional OOR	15,632,927	3,357,572	12,275,355	0			0	0	8
10s	454	4204515	Operating Land & Facilities Rent Revenue	21,740,975	GRSM	0	1	0	21,740,975	P	4,600,846	17,140,129	0	2
10t	454	48667020	Nonoperating Misc Land & Facilities Rent		Traditional OOR	0	0	0	0			0	0	4
10u	454	-	Miscellaneous Adjustments	(17,101)	Traditional OOR	(17,101)	0	(17,101)	0			0	0	1
10v	454	4206515	Op Misc Land/Fac Rev	1,516,061	GRSM	0	0	0	1,516,061	P	1,068,380	447,681	0	2
10w	454	4184122	T-Unauth Pole Rent		Traditional OOR	13,440	0	13,440	0			0	0	4
10x	454	4184124	T-P&E Fees	13,440	Traditional OOR	13,440	0	13,440	0			0	0	4
10y	454	4184821	Rent Rev NU-NonBRBRA	83,052	Other Ratemaking	5,058	5,058	0	0			0	77,994	6,12
10z	454	4184811	Fac Cost N/U-BRBRA	820,154	Other Ratemaking	49,947	49,947	0	0			0	770,207	6,12
10aa	454	4184515	NEM 2.0		Other Ratemaking	0	0	0	0			0	0	6
10bb	454	4184126	Joint Pole - Tarrified - PA Inspect	829,632	Traditional OOR	829,632.00	0	829,632	0			0	0	4
10cc	454	4184526	Joint Pole - Non-Tarriff PA Inspect	9,280	GRSM	0.00	0	0	9,280	P	0	9,280	0	2
11	454 Total			83,380,365		57,678,451	3,496,099	54,182,352	23,565,772		5,715,738	17,850,034	2,136,142	
12	FF-1 Total for Acct 454 - Rent from Elec. Property, p300.19b (Must Equal Line 11)			83,380,365										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	GRSM	Other Ratemaking		
12a	456	4186114	Energy Related Services		Traditional OOR	0	0	0	0		0	0	0	1
12b	456	4186118	Distribution Miscellaneous Electric Revenues	1,275	Traditional OOR	1,275	0	1,275	0		0	0	0	4
12c	456	4186120	Added Facilities - One Time Charge	36,251	Traditional OOR	36,251	0	36,251	0		0	0	0	4
12d	456	4186122	Building Rental - Nev Power/Mohave Cr		Traditional OOR	0	0	0	0		0	0	0	3
12e	456	4186126	Service Fee - Optimal Bill Prd	160	Traditional OOR	160	0	160	0		0	0	0	1
12f	456	4186128	Miscellaneous Revenues	1,584,401	Traditional OOR	1,584,401	0	1,584,401	0		0	0	0	1
12g	456	4186130	Tule Power Plant - Revenue		Traditional OOR	0	0	0	0		0	0	0	3
12h	456	4186142	Microwave Agreement	3,428	Traditional OOR	3,428	0	3,428	0		0	0	0	4
12i	456	4186150	Utility Subs Labor Markup		Traditional OOR	0	0	0	0		0	0	0	7
12j	456	4186155	Non Utility Subs Labor Markup	7,181	Other Ratemaking	437	437	0	0		0	6,744	6,744	6,12
12k	456	4186162	Reliant Eng FSA Ann Pymnt-Mandalay	1,568	Traditional OOR	1,568	0	1,568	0		0	0	0	4
12l	456	4186164	Reliant Eng FSA Ann Pymnt-Ormond Beach	15,732	Traditional OOR	15,732	0	15,732	0		0	0	0	4
12m	456	4186166	Reliant Eng FSA Ann Pymnt-Etiwanda	4,754	Traditional OOR	4,754	0	4,754	0		0	0	0	4
12n	456	4186168	Reliant Eng FSA Ann Pymnt-Etiwanda	1,076	Traditional OOR	1,076	0	1,076	0		0	0	0	4
12o	456	4186170	Reliant Eng FSA Ann Pymnt-Coolwater	916	Traditional OOR	916	0	916	0		0	0	0	4
12p	456	4186174	Property License Fee revenue	260,820	Traditional OOR	260,820	0	260,820	0		0	0	0	4
12q	456	4186512	Revenue From Recreation, Fish & Wildlife	2,219,453	GRSM	0	0	0	2,219,453	P	116,594	2,102,860	0	2
12r	456	4186514	Mapping Services	184,360	GRSM	0	0	0	184,360	P	36,993	147,366	0	2
12s	456	4186518	Enhanced Pump Test Revenue	65,895	GRSM	0	0	0	65,895	P	3,761	62,134	0	2
12t	456	4186524	Revenue From Scrap Paper - General Office		GRSM	0	0	0	0	P	0	0	0	2
12u	456	4186526	CTAC Revenues		GRSM	0	0	0	0	P	0	0	0	2
12v	456	4186530	AGTAC Revenues	5,400	GRSM	0	0	0	5,400	P	2,082	3,318	0	2
12w	456	4186716	ADT Vendor Service Revenue		GRSM	0	0	0	0	A	0	0	0	2
12x	456	4186718	Read Water Meters - Irvine Ranch		GRSM	0	0	0	0	A	0	0	0	2
12y	456	4186720	Read Water Meters - Rancho California		GRSM	0	0	0	0	A	0	0	0	2
12z	456	4186722	Read Water Meters - Long Beach		GRSM	0	0	0	0	A	0	0	0	2
12aa	456	4186730	SSID Transformer Repair Services Revenue	84,961	GRSM	0	0	0	84,961	A	14,793	70,169	0	2
12bb	456	4186815	Employee Transfer/Affiliate Fee		Other Ratemaking	0	0	0	0		0	0	0	6
12cc	456	4186910	ITCC/CIAc Revenues	22,351,299	Traditional OOR	22,351,299	0	22,351,299	0		0	0	0	4
12dd	456	4186912	Revenue From Decommission Trust Fund	(170,677,047)	Other Ratemaking	0	0	0	0		0	(170,677,047)	0	6
12ee	456	4186914	Revenue From Decommissioning Trust FAS115	(55,037,339)	Other Ratemaking	0	0	0	0		0	(55,037,339)	0	6
12ff	456	4186916	Offset to Revenue from NDT Earnings/Realized	170,677,047	Other Ratemaking	0	0	0	0		0	170,677,047	0	6
12gg	456	4186918	Offset to Revenue from FAS 115 FMV	55,037,339	Other Ratemaking	0	0	0	0		0	55,037,339	0	6
12hh	456	4186920	Revenue From Decommissioning Trust FAS115-1		Other Ratemaking	0	0	0	0		0	0	0	6
12ii	456	4186922	Offset to Revenue from FAS 115-1 Gains & Loss		Other Ratemaking	0	0	0	0		0	0	0	6
12jj	456	4188712	Power Supply Installations - IMS		GRSM	0	0	0	0	A	0	0	0	2
12kk	456	4188714	Consulting Fees - IMS		GRSM	0	0	0	0	A	0	0	0	2
12ll	456	4196105	DA Revenue	174,799	Traditional OOR	174,799	0	174,799	0		0	0	0	1
12mm	456	4196158	EDBL Customer Finance Added Facilities	6,007,924	Traditional OOR	6,007,924	0	6,007,924	0		0	0	0	4
12nn	456	4196162	SCE Energy Manager Fee Based Services	133,200	Traditional OOR	133,200	0	133,200	0		0	0	0	4
12oo	456	4196166	SCE Energy Manager Fee Based Services Adj		Traditional OOR	0	0	0	0		0	0	0	4
12pp	456	4196172	Off Grid Grid Voltaic Revenues		Traditional OOR	0	0	0	0		0	0	0	1
12qq	456	4196174	Scheduling/Dispatch Revenues		Traditional OOR	0	0	0	0		0	0	0	4
12rr	456	4196176	Interconnect Facilities Charges-Customer Financed	3,847,065	Traditional OOR	3,847,065	43,896	3,803,169	0		0	0	0	8
12ss	456	4196178	Interconnect Facilities Charges - SCE Financed	13,584,159	Traditional OOR	13,584,159	0	13,584,159	0		0	0	0	4
12tt	456	4196184	DMS Service Fees	2,968	Traditional OOR	2,968	0	2,968	0		0	0	0	4
12uu	456	4196188	CCA - Information Fees	390,979	Traditional OOR	390,979	0	390,979	0		0	0	0	6
12vv	456		- Miscellaneous Adjustments		Traditional OOR	0	0	0	0		0	0	0	1
12ww	456	4186911	Grant Amortization	3,353,919	Other Ratemaking	0	0	0	0		0	3,353,919	0	6
12xx	456	4186925	GHG Allowance Revenue	389,316,108	Other Ratemaking	0	0	0	0		0	389,316,108	0	6
12yy	456	4186132	Intercon One Time	389,495	Traditional OOR	389,495	0	389,495	0		0	0	0	4
12zz	456	4186116	EV Charging Revenue		Traditional OOR	0	0	0	0		0	0	0	4
12aaa	456	4186115	Energy Reltd Srv-TSP	1,008,639	Traditional OOR	1,008,639	0	1,008,639	0		0	0	0	4
12bbb	456	4186156	N/U Labor Mrko-BRRBA	114,119	Other Ratemaking	6,950	6,950	0	0		0	107,169	107,169	6,12
12ccc	456	4188720	LCFS CR 411.8	78,366,685	Traditional OOR	78,366,685	0	78,366,685	0		0	0	0	4
12ddd	456	4186128	Miscellaneous Revenues - ISO		Traditional OOR	0	0	0	0		0	0	0	5
12eee	456	4186732	Power Quality C&I Customer Program		GRSM	0	0	0	0	P	0	0	0	2
12fff	456	4171023	Gas Sales - ERRA	30,908,341	Other Ratemaking	0.00	0	0	0		0	30,908,341	0	6
12ggg	456	4186182	Miscellaneous Electric Revenue - ERRA	283,960	Other Ratemaking	0.00	0	0	0		0	283,960	0	6
13	456	Total		554,711,290		128,174,980	51,284	128,123,697	2,560,069		174,222	2,385,847	423,976,240	
14		FF-1 Total for Acct 456 - Other electric Revenues, p300.21b (Must Equal Line 13)		554,711,290										

Line	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Notes
15a	456.1	4188112	Trans of Elec of Others - Pasadena		Traditional OOR	0	0	0	0			0	0	5
15b	456.1	4188114	FTS PPU/Non-ISO	296,028	Traditional OOR	296,028	0	296,028	0			0	0	4
15c	456.1	4188116	FTS Non-PPU/Non-ISO	902,563	Traditional OOR	902,563	0	902,563	0			0	0	4
15d	456.1	4188812	ISO-Wheeling Revenue - Low Voltage	123,658	Other Ratemaking	0	0	0	0			0	123,658	6
15e	456.1	4188814	ISO-Wheeling Revenue - High Voltage	54,020,891	Other Ratemaking	0	0	0	0			0	54,020,891	6
15f	456.1	4188816	ISO-Congestion Revenue		Other Ratemaking	0	0	0	0			0	0	6
15g	456.1	4198110	Transmission of Elec of Others	45,460,120	Traditional OOR	45,460,120	45,460,120	0	0			0	0	5
15h	456.1	4198112	WDAT	8,277,860	Traditional OOR	8,277,860	0	8,277,860	0			0	0	4
15i	456.1	4198114	Radial Line Rev-Base Cost - Reliant Coolwater	3,176	Traditional OOR	3,176	0	3,176	0			0	0	4
15j	456.1	4198116	Radial Line Rev-Base Cost - Reliant Ormond Beach		Traditional OOR	0	0	0	0			0	0	4
15k	456.1	4198118	Radial Line Rev-O&M - AES Huntington Beach	402,148	Traditional OOR	402,148	0	402,148	0			0	0	4
15l	456.1	4198120	Radial Line Rev-O&M - Reliant Mandalay	209,706	Traditional OOR	209,706	0	209,706	0			0	0	4
15m	456.1	4198122	Radial Line Rev-O&M - Reliant Coolwater	6,551	Traditional OOR	6,551	0	6,551	0			0	0	4
15n	456.1	4198124	Radial Line Rev-O&M - Ormond Beach	651,331	Traditional OOR	651,331	0	651,331	0			0	0	4
15o	456.1	4198126	High Desert Tie-Line Rental Rev	(665,957)	Traditional OOR	(665,957)	0	(665,957)	0			0	0	4
15p	456.1	4198130	Inland Empire CRT Tie-Line EX	42,492	Traditional OOR	42,492	0	42,492	0			0	0	4
15q	456.1	4198910	Reliability Service Revenue - Non-PTO's		Other Ratemaking	0	0	0	0			0	0	6
15r	456.1	4198132	Radial Line Agreement-Base-Mojave Solar	109,605	Traditional OOR	109,605	0	109,605	0			0	0	4
15s	456.1	4198134	Radial Line Agreement-O&M-Mojave Solar	243,123	Traditional OOR	243,123	0	243,123	0			0	0	4
15t	456.1	4188716	ISO Non-Refundable Interconnection Deposit	3,148,477	Other Ratemaking	0	0	0	0			0	3,148,477	6
15u	456.1	4198910	RSR - Non-PTO's - RSBA	279,351	Other Ratemaking	0	0	0	0			0	279,351	6
15v	456.1	4171022	Transmission Sales - ERRA	7,928,432	Other Ratemaking	0	0	0	0			0	7,928,432	6
16	456.1 Total		121,439,554		55,938,746	45,460,120	10,478,626	0	0	0	0	0	65,500,809	
17	FF-1 Total for Account 456.1 - Revenues from Trans. Of Electricity of Others, p300.22b (Must Equal Line 16)			121,439,554										
18a														
19	457.1 Total		0		0	0	0	0	0	0	0	0	0	
20	FF-1 Total for Account 457.1 - Regional Control Service Revenues, p300.23b (Must Equal Line 19)			0										
21a														
22	457.2 Total		0		0	0	0	0	0	0	0	0	0	
23	FF-1 Total for Account 457.2- Miscellaneous Revenues, p300.24b (Must Equal Line 22)			0										
Edison Carrier Solutions (ECS)														
24a	417	4863130	ECS - Distribution Facilities	520,326	GRSM	0	0	0	520,326	P	96,266	424,060	0	2
24b	417	4862110	ECS - Dark Fiber	6,401,079	GRSM	0	0	0	6,401,079	A	1,180,370	5,220,709	0	2
24c	417	4862115	ECS - SCE Net Fiber	3,328,620	GRSM	0	0	0	3,328,620	A	628,346	2,700,274	0	2
24d	417	4862120	ECS - Transmission Right of Way	663,926	GRSM	0	0	0	663,926	A	434,000	229,926	0	2
24e	417	4862135	ECS - Wholesale FCC	18,880,233	GRSM	0	0	0	18,880,233	A	3,889,356	14,990,878	0	2
24f	417	4864115	ECS - EU FCC Rev	147,511	GRSM	0	0	0	147,511	A	18,371	129,140	0	2
24g	417	4862125	ECS - Cell Site Rent and Use (Active)	13,715,064	GRSM	0	0	0	13,715,064	A	2,601,282	11,113,782	0	2
24h	417	4862130	ECS - Cell Site Reimbursable (Active)	1,697,874	GRSM	0	0	0	1,697,874	A	35,979	1,661,896	0	2
24i	417	4863120	ECS - Communication Sites	363,985	GRSM	0	0	0	363,985	P	73,930	290,055	0	2
24j	417	4863110	ECS - Cell Site Rent and Use (Passive)	3,716,959	GRSM	0	0	0	3,716,959	P	689,968	3,026,971	0	2
24k	417	4863115	ECS - Cell Site Reimbursable (Passive)	232,312	GRSM	0	0	0	232,312	P	8,273	224,039	0	2
24l	417	4863125	ECS - Micro Cell	2,519,630	GRSM	0	0	0	2,519,630	P	510,316	2,009,313	0	2
24m	417	4864120	ECS - End User Universal Service Fund Fee	39,634	GRSM	0	0	0	39,634	A	5,687	33,947	0	2
24n	417	4864116	ECS - Intrastate End User Revenue	1,892,113	GRSM	0	0	0	1,892,113	A	508,146	1,383,967	0	2
24o	417	4864121	ECS - Intrastate End User Fees	155,104	GRSM	0	0	0	155,104	A	41,726	113,379	0	2
24p	417	4864117	ECS - Interstate End User Tax Exempt	183,267	GRSM	0	0	0	183,267	A	30,850	152,417	0	2
24q	417	4864122	ECS - EU USAC E-Rate	40,754	GRSM	0	0	0	40,754	A	28,539	12,215	0	2
25	417 ECS Total		54,498,392		0	0	0	54,498,392		10,781,425	43,716,966	0		
26	417 Other			8,497,197										
27	FF-1 Total for Account 417 - Revenues From Nonutility Operations p117.33c (Must Equal Line 25 + 26)			62,995,589										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	GRSM	Other Ratemaking		
Subsidiaries														
28a	418.1	ESI (Gross Revenues - Active)			GRSM	0	0	0	A		0	0	2,9	
28b	418.1	ESI (Gross Revenues - Passive)			GRSM	0	0	0	P		0	0	2,9	
28c	418.1	Southern States Realty			GRSM	0	0	0	P		0	0	2,15	
28d	418.1	Mono Power Company			Traditional OOR	0	0	0			0	0	13	
28e	418.1	Edison Material Supply (EMS)	(677,300)	Traditional OOR	(677,300)	(41,248)	(636,052)	0			0	0	7,17	
29	418.1 Subsidiaries Total			(677,300)		(677,300)	(41,248)	(636,052)	0		0	0	0	
30	418.1 Other (See Note 16)			(626)										
31	FF-1 Total for Account 418.1 -Equity in Earnings of Subsidiary Companies, p117.36c (Must Equal Line 29 + 30)			(626)										
32	Totals		879,616,485			306,661,097	48,966,256	257,694,842	80,624,265		16,671,389	63,952,876	492,331,122	

33	Ratepayers' Share of Threshold Revenue	16,671,389	Calculation
34	ISO Ratepayers' Share of Threshold Revenue	5,425,127	= Line 32K
35			Note 11
36	Total Active Incremental Revenue	37,812,697	= Sum Active categories in column L
37	Ratepayers' Share of Active Incremental Revenue	3,781,270	= Line 36D * 10%
38	Total Passive Incremental Revenue	26,140,179	= Sum Passive categories in column L
39	Ratepayers' Share of Passive Incremental Revenue	7,842,054	= Line 38D * 30%
40	Total Ratepayers' Share of Incremental Revenue	11,623,323	= Line 37D + Line 39D
41	ISO Ratepayers' Share of Incremental Revenue (%)	32.54%	see Note 11
42	ISO Ratepayers' Share of Incremental Revenue	3,782,408	= Line 40D * Line 41D
43	Tot. ISO Ratepayers' Share NTP&S Gross Rev.	9,207,535	= Line 34D + Line 42D

44	Total Revenue Credits:	Amount	Calculation
		\$58,173,791	Sum of Column D, Line 43 and Column G, Line 32

Notes:

- 1- CPUC Jurisdictional service related.
- 2- Subject to sharing per the Gross Revenue Sharing Mechanism (GRSM), adopted in CPUC D.99-09-070. On an annual basis, once SCE obtains \$16,671,389.55 (Threshold Revenue) in NTP&S Revenues, any additional revenues (Incremental Gross Revenues) that SCE receives are shared between shareholders and ratepayers. For GRSM categories deemed Active, the Incremental Gross Revenues are shared 90/10 between shareholders and ratepayers. For those categories deemed Passive, the Incremental Gross Revenues are shared 70/30 between shareholders and ratepayers.
- 3- Generation related.
- 4- Non-ISO facilities related.
- 5- ISO transmission system related.
- 6- Subject to balancing account treatment
- 7- Allocated based on CPUC GRC allocator in effect during the Prior Year. The weighted average (by time) shall be used if more than one allocator is in effect during the Prior Year.
ISO Allocator = **0.0609** Source: CPUC D. 19-05-020
- 8- ISO portion of Traditional OOR relates to monthly revenues received from customers for facilities that are part of the ISO network.
- 9- Edison ESI is a subsidiary company. Gross revenues are not reported in FF-1, only net earnings. Net Earnings for ESI are reported on Acct 418.1, pg 225.5e.
- 10- The first \$16,671,389 million in gross revenues generated by GRSM activities are automatically classified as Threshold Revenue.
- 11- Allocator is equal to the jurisdictional split of the Threshold Revenue, which is jurisdictionalized as \$5,425M to FERC ratepayers and \$11,246M to CPUC ratepayers per the 2009 CPUC General Rate Case (D. 09-03-025). The ISO ratepayers' share of ratepayer revenue is \$5,425M/\$16,671M = 32.54%.
- 12- Allocated based on the CPUC Base Revenue Requirement Balancing Account (BRRBA) allocator in effect during the Prior Year. The weighted average (by time) shall be used if more than one allocator is in effect during the Prior Year. ISO portion of revenue is treated as traditional OOR.
ISO Allocator = **0.0609** Source: CPUC D. 19-05-020
- 13- Mono Power Company is a subsidiary company. Net Earnings are reported on Acct 418.1, pg 225.11e. Revenues and costs shall be non-ISO.
- 14- SCE Capital Company is a subsidiary company. Net Earnings are reported on Acct 418.1, pg 225.23e. Revenues and costs shall be non-ISO.
- 15- Southern States Realty is a subsidiary company. Gross revenues are not reported in FF-1, only net earnings. Net Earnings for Southern States Realty are reported on Acct 418.1, pg 225.17e.
- 16- For subsidiaries that are subject to GRSM, Column D contains gross revenues. Input on Line 30D contains the associated expenses.
- 17- Per GRC Decision D.87-12-066, for ratemaking purposes EMS financials are consolidated with SCE's. See FERC Form 1 page 123.3 under "Equity Investment Differences". Consequently, net income of EMS is not reported separately in FERC Form 1 and is not a part of FERC Account 418.1 totals. To ensure that ratepayers receive the net income from this subsidiary SCE includes EMS net income in the formula on line 28f. This amount is reversed as part of line 30 to remain consistent with the totals reported in FERC Form 1.

NETWORK UPGRADE CREDIT AND INTEREST EXPENSE

Prior Year: **2018**

1) Beginning of Year Balances: (Note 1)

<u>Line</u>		<u>Balance</u>	<u>Notes</u>
1	Outstanding Network Upgrade Credits Recorded in FERC Acct 252	\$93,345,105	See Note 1
2	Acct 252 Other	\$79,619,300	Line 3 - Line 1
3	Total Acct 252 - Customer Advances for Construction	\$172,964,405	FF1 113.56d

2) End of Year Balances: (Note 2)

4	Outstanding Network Upgrade Credits Recorded in FERC Acct 252	\$64,560,041	See Note 3
5	Acct 252 Other	\$110,833,276	Line 6 - Line 4
6	Total Acct 252 - Customer Advances for Construction	\$175,393,317	FF1 113.56c
7	Average Outstanding Network Upgrade Credits Beginning and End of Year	\$78,952,573	(Line 1 + Line 4) / 2
8	Interest On Network Upgrade Credits Recorded in FERC Acct 242	\$5,429,238	See Note 4
9	Acct 242 Other	\$688,003,970	Line 10 - Line 8
10	Total Acct 242 - Miscellaneous Current and Accrued Liabilities	\$693,433,208	FF1 113.48c

Notes:

- 1 Beginning of Year Balances are from December of the year previous to the Prior Year.
- 2 End of Year Balances are from December of the Prior Year.
- 3 Only projects that are in Rate Base in the year reported are included.
- 4 Interest relates to refund of facility and one-time payments by generator. For facility costs, pre-in-service date interest is excluded. For one-time costs, pre-in-service and post-in-service interest is included.

Schedule 23
Regulatory Assets and Liabilities

TO2020 Annual Update
Attachment 5, Settlement Model
2018 True Up TRR

Determination of Regulatory Assets/Liabilities and Associated Amortization and Regulatory Debits/Credits

Line

- 1 Other Regulatory Assets/Liabilities are a component of Rate Base representing costs that are created resulting from the ratemaking
 2 actions of regulatory agencies. Pursuant to the Commission's Uniform System of Accounts, these items include amounts recorded
 3 in accounts 182.x and 254. This Schedule shall not include any costs recovered through Schedule 12.
 4
 5 SCE shall include a non-zero amount of Other Regulatory Assets/Liabilities only with Commission
 6 approval received subsequent to an SCE Section 205 filing requesting such treatment.
 7
 8 Amortization and Regulatory Debits/Credits are amounts approved for recovery in this formula transmission rate representing the
 9 approved annual recovery of Other Regulatory Assets/Liabilities as an expense item in the Base TRR, consistent
 10 with a Commission Order.

		<u>Prior Year</u>		
		<u>Amount</u>		<u>Calculation or Source</u>
14	Other Regulatory Assets/Liabilities (EOY):	\$0		Sum of Column 2 below
15	Other Regulatory Assets/Liabilities (BOY/EOY average):	\$0		Avg. of Sum of Cols. 1 and 2 below
16	Amortization and Regulatory Debits/Credits:	\$0		Sum of Column 3 below
		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>
		<u>Prior Year</u>	<u>Prior Year</u>	<u>Prior Year</u>
		BOY	EOY	Amortization or Regulatory Debit/Credit
	Description of Issue Resulting in Other Regulatory Asset/Liability	<u>Other Reg Asset/Liability</u>	<u>Other Reg Asset/Liability</u>	<u>Commission Order Granting Approval of Regulatory Liability</u>
17	Issue #1			
18	Issue #2			
19	Issue #3			
20	Totals:	\$0	\$0	\$0
				Sum of above

Instructions:

- 1) Upon Commission approval of recovery of Other Regulatory Assets/Liabilities, Amortization and Regulatory Debits/Credits costs through this formula transmission rate:
 - a) Fill in Description for issue in above table.
 - b) Enter costs in columns 1-3 in above table for the applicable Prior Year.
- 2) Add additional lines as necessary for additional issues.

Calculation of the Contribution of CWIP to the Base TRR**1) CWIP Contribution to the Prior Year TRR and True Up TRR**

a) CWIP Balances:		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	
Line	Project	Prior Year	Prior Year	Forecast	
		EOY <u>Amount</u>	Average <u>Amount</u>	Period <u>Amount</u>	Source
1	Tehachapi:	\$156,282	\$154,730	-\$156,282	10-CWIP, Lines 13, 14, 80
2	Devers to Colorado River:	\$0	\$0	\$0	10-CWIP, Lines 13, 14, 106
3	South of Kramer:	\$5,220,452	\$5,033,407	\$835,608	10-CWIP, Lines 13, 14, 132
4	West of Devers:	\$228,226,372	\$143,710,303	\$249,763,228	10-CWIP, Lines 13, 14, 158
5	Red Bluff:	\$0	\$0	\$0	10-CWIP, Lines 13, 14, 184
6	Whirlwind Sub Expansion:	\$0	\$0	\$0	10-CWIP, Lines 27, 28, 210
7	Colorado River Sub Expansion:	\$0	\$0	\$8,985,111	10-CWIP, Lines 27, 28, 236
8	Mesa:	\$123,208,374	\$84,051,373	\$143,072,495	10-CWIP, Lines 27, 28, 262
9	Alberhill:	\$20,101,220	\$18,124,041	\$1,266,088	10-CWIP, Lines 27, 28, 288
10	ELM Series Caps:	\$65,187,847	\$46,148,081	\$75,457,509	10-CWIP, Lines 27, 28, 314
11		\$0	--	\$0	10-CWIP, Lines 27, 28, 340
12	Totals:	\$442,100,547	\$297,221,934	\$479,223,757	Sum of Lines 1 to 11

b) Return:		EOY <u>Amount</u>	Average <u>Amount</u>	Source
13	CWIP Amount:	\$442,100,547	\$297,221,934	Line 12
14	Cost of Capital Rate:	7.8019%	7.8019%	1-BaseTRR, Line 54
15	Cost of Capital:	\$34,492,139	\$23,188,889	Line 13 * Line 14

c) Income Taxes		EOY <u>Amount</u>	Average <u>Amount</u>	Source
16	CWIP Amount:	\$442,100,547	\$297,221,934	Line 12
17	Equity ROR w Preferred Stock ("ER"):	5.6848%	5.6848%	1-BaseTRR, Line 55
18	Composite Tax Rate:	27.9836%	27.9836%	1-BaseTRR, Line 59
19	Income Taxes:	\$9,765,871	\$6,565,545	Formula on Line 21

21 Income Taxes = [(RB * ER) * (CTR/(1 - CTR))], or [(L13 * L17) * (L18 / (1 - L18))]
 22 (No "Credits and Other" or "AFUDC" Terms, since these are not related to CWIP)
 23

d) ROE Incentives:		<u>Value</u>	<u>Source</u>
24	IREF =	\$6,478	15-IncentiveAdder, Line 3

1) Tehachapi		EOY <u>Amount</u>	Average <u>Amount</u>	
25	Tehachapi CWIP Amount:	\$156,282	\$154,730	Line 1
26	ROE Adder %:	1.25%	1.25%	15-IncentiveAdder, Line 5
27	ROE Adder \$:	\$1,265	\$1,253	Formula on Line 32

2) Devers to Colorado River		EOY <u>Amount</u>	Average <u>Amount</u>	
28	DCR CWIP Amount:	\$0	\$0	Line 2
29	ROE Adder %:	1.00%	1.00%	15-IncentiveAdder, Line 6
30	ROE Adder \$:	\$0	\$0	Formula on Line 32

31 ROE Adder \$ = (Project CWIP Amount/\$1,000,000) * IREF * (ROE Adder % / 1%)
 32

e) Total of Return, Income Taxes, and ROE Incentives contribution to PYTRR and True Up TRR

		True Up		
		PYTRR	TRR	
		<u>Amount</u>	<u>Amount</u>	<u>Source</u>
33	Return:	\$34,492,139	\$23,188,889	Line 15
34	Income Taxes:	\$9,765,871	\$6,565,545	Line 19
35	ROE Adder Tehachapi:	\$1,265	\$1,253	Line 27
36	ROE Adder DCR:	\$0	\$0	Line 30
37	FF&U:	\$503,582	\$275,062	Note 1
38	Total:	\$44,762,857	\$30,030,748	Sum Lines 33 to 37

f) Contribution from each Project to the Prior Year TRR and True Up TRR

1) Contribution to the Prior Year TRR

	<u>Project</u>	<u>Col 1 Cost of Capital</u>	<u>Col 2 Income Taxes</u>	<u>Col 3 ROE Adder</u>	<u>Col 4 FF&U</u>	<u>Col 5 Total</u>	<u>Source</u>
						= Sum C1 to C4	
39	Tehachapi:	\$12,193	\$3,452	\$1,265	\$192	\$17,103	Note 2
40	Devers to Colorado River:	\$0	\$0	\$0	\$0	\$0	Note 2
41	South of Kramer:	\$407,293	\$115,318	\$0	\$5,946	\$528,558	Note 2
42	West of Devers:	\$17,805,940	\$5,041,453	\$0	\$259,958	\$23,107,351	Note 2
43	Red Bluff:	\$0	\$0	\$0	\$0	\$0	Note 2
44	Whirlwind Sub Expansion:	\$0	\$0	\$0	\$0	\$0	Note 2
45	Colorado River Sub Expansion:	\$0	\$0	\$0	\$0	\$0	Note 2
46	Mesa	\$9,612,565	\$2,721,637	\$0	\$140,339	\$12,474,541	Note 2
47	Alberhill	\$1,568,272	\$444,030	\$0	\$22,896	\$2,035,198	Note 2
48	ELM Series Caps	\$5,085,875	\$1,439,980	\$0	\$74,251	\$6,600,107	Note 2
49		---	---	---	---	---	Note 2
50	Totals:	\$34,492,139	\$9,765,871	\$1,265	\$503,582	\$44,762,857	Sum L 39 to L 49

2) Contribution to the True Up TRR

	<u>Project</u>	<u>Col 1 Cost of Capital</u>	<u>Col 2 Income Taxes</u>	<u>Col 3 ROE Adder</u>	<u>Col 4 FF&U</u>	<u>Col 5 Total</u>	<u>Source</u>
						= Sum C1 to C4	
51	Tehachapi:	\$12,072	\$3,418	\$1,253	\$190	\$16,933	Note 3
52	Devers to Colorado River:	\$0	\$0	\$0	\$0	\$0	Note 3
53	South of Kramer:	\$392,700	\$111,186	\$0	\$5,733	\$509,620	Note 3
54	West of Devers:	\$11,212,101	\$3,174,518	\$0	\$163,691	\$14,550,310	Note 3
55	Red Bluff:	\$0	\$0	\$0	\$0	\$0	Note 3
56	Whirlwind Sub Expansion:	\$0	\$0	\$0	\$0	\$0	Note 3
57	Colorado River Sub Expansion:	\$0	\$0	\$0	\$0	\$0	Note 3
58	Mesa	\$6,557,584	\$1,856,670	\$0	\$95,737	\$8,509,992	Note 3
59	Alberhill	\$1,414,015	\$400,355	\$0	\$20,644	\$1,835,014	Note 3
60	ELM Series Caps	\$3,600,416	\$1,019,397	\$0	\$52,564	\$4,672,378	Note 3
61		---	---	---	---	---	Note 3
62	Totals:	\$23,188,889	\$6,565,545	\$1,253	\$338,560	\$30,094,247	Sum of L 51 to 61

2) Contribution from the Incremental Forecast Period TRR

a) Total of all CWIP projects

		<u>Value</u>	<u>Source</u>
63	Forecast Period Incremental CWIP:	\$479,223,757	Line 12, Col 3
64	AFCRCWIP:	<u>10.011%</u>	2-IFPTRR, Line 16
65	CWIP component of IFPTRR without FF&U:	\$47,974,358	Line 63 * Line 64
66	FF&U:	<u>\$545,852</u>	Line 65 * (28-FFU, L5 FF Factor + U Factor)
67	CWIP component of IFPTRR including FF&U:	\$48,520,210	Line 65 + Line 66

b) Individual Project Contribution

	<u>Project</u>	<u>Amount wo FF&U</u>	<u>Amount with FF&U</u>	<u>Source</u>
68	Tehachapi:	-\$15,645	-\$15,823	Note 4
69	Devers to Colorado River:	\$0	\$0	Note 4
70	South of Kramer:	\$83,651	\$84,603	Note 4
71	West of Devers:	\$25,003,415	\$25,287,904	Note 4
72	Red Bluff:	\$0	\$0	Note 4
73	Whirlwind Sub Expansion:	\$0	\$0	Note 4
74	Colorado River Sub Expansion:	\$899,486	\$909,720	Note 4
75	Mesa	\$14,322,769	\$14,485,733	Note 4
76	Alberhill	\$126,746	\$128,188	Note 4
77	ELM Series Caps	\$7,553,936	\$7,639,885	Note 4
78		---	---	Note 4
79	Totals:	\$47,974,358	\$48,520,210	Sum of Lines 68 to 78

3) Total Contribution of CWIP to the Retail and Wholesale Base TRRs:

a) Total of all CWIP projects

		<u>Value</u>	<u>Source</u>
80	PY Total Return, Taxes, Incentive:	\$44,259,275	Sum Line 33 to 36
81	CWIP component of IFPTRR wo FF&U:	\$47,974,358	Line 65
82	Total without FF&U:	\$92,233,633	Line 80 + Line 81
83	FF Factor:	0.9244%	28-FFU, Line 5
84	U Factor:	0.2134%	28-FFU, Line 5
85	Franchise Fees Amount:	\$852,608	Line 82 * Line 83
86	Uncollectibles Amount:	\$196,827	Line 82 * Line 84
87	Total Contribution of CWIP to Retail Base TRR:	\$93,283,067	Line 82 + Line 85 + Line 86
88	Total Contribution of CWIP to Wholesale Base TRR:	\$93,086,241	Line 82 + Line 85

b) Individual CWIP Project Contribution to the Retail Base TRR

	<u>Col 1</u> <u>PYTRR</u> <u>wo FF&U</u>	<u>Col 2</u> <u>IFPTRR</u> <u>wo FF&U</u>	<u>Col 3</u> <u>FF&U</u>	<u>Col 4</u> <u>Total</u>	<u>Source</u>	
89	Tehachapi:	\$16,911	-\$15,645	\$14	\$1,280	Note 5
90	Devers to Colorado River:	\$0	\$0	\$0	\$0	Note 5
91	South of Kramer:	\$522,611	\$83,651	\$6,898	\$613,161	Note 5
92	West of Devers:	\$22,847,393	\$25,003,415	\$544,446	\$48,395,255	Note 5
93	Red Bluff:	\$0	\$0	\$0	\$0	Note 5
94	Whirlwind Sub Expansion:	\$0	\$0	\$0	\$0	Note 5
95	Colorado River Sub Expansion:	\$0	\$899,486	\$10,234	\$909,720	Note 5
96	Mesa	\$12,334,202	\$14,322,769	\$303,303	\$26,960,274	Note 5
97	Alberhill	\$2,012,302	\$126,746	\$24,338	\$2,163,387	Note 5
98	ELM Series Caps	\$6,525,856	\$7,553,936	\$160,200	\$14,239,991	Note 5
99		---	---	---	---	Note 5
100	Totals:	\$44,259,275	\$47,974,358	\$1,049,434	\$93,283,067	

c) Individual CWIP Project Contribution to the Wholesale Base TRR

	<u>Col 1</u> <u>PYTRR</u> <u>wo FF&U</u>	<u>Col 2</u> <u>IFPTRR</u> <u>wo FF&U</u>	<u>Col 3</u> <u>FF</u>	<u>Col 4</u> <u>Total</u>	<u>Source</u>	
101	Tehachapi:	\$16,911	-\$15,645	\$12	\$1,277	Note 6
102	Devers to Colorado River:	\$0	\$0	\$0	\$0	Note 6
103	South of Kramer:	\$522,611	\$83,651	\$5,604	\$611,867	Note 6
104	West of Devers:	\$22,847,393	\$25,003,415	\$442,333	\$48,293,141	Note 6
105	Red Bluff:	\$0	\$0	\$0	\$0	Note 6
106	Whirlwind Sub Expansion:	\$0	\$0	\$0	\$0	Note 6
107	Colorado River Sub Expansion:	\$0	\$899,486	\$8,315	\$907,801	Note 6
108	Mesa	\$12,334,202	\$14,322,769	\$246,417	\$26,903,388	Note 6
109	Alberhill	\$2,012,302	\$126,746	\$19,773	\$2,158,822	Note 6
110	ELM Series Caps	\$6,525,856	\$7,553,936	\$130,154	\$14,209,945	Note 6
111		---	---	---	---	Note 6
112	Totals:	\$44,259,275	\$47,974,358	\$852,608	\$93,086,241	

Notes:

- 1) (Sum Lines 33 to 36) * (FF + U Factors from 28-FFU) for Prior Year TRR
(Sum Lines 34 to 37) * (FF Factor from 28-FFU) for True Up TRR
- 2) Project Cost of capital is a fraction of total Cost of Capital on Line 15 based on fraction of project CWIP Balances on Lines 1 to 12, Col 1.
Project Income Taxes is a fraction of total Income on Line 19 based on fraction of project CWIP Balances on Lines 1 to 12, Col 1.
ROE Adder is from Lines 35 and 36. FF&U Expenses are based on FF&U Factors on 28-FFU.
- 3) Project Cost of capital is a fraction of total Cost of Capital on Line 15 based on fraction of project CWIP Balances on Lines 1 to 12, Col 2.
Project Income Taxes is a fraction of total Income on Line 19 based on fraction of project CWIP Balances on Lines 1 to 12, Col 2.
ROE Adder is from Lines 35 and 36. FF&U Expenses are based on FF&U Factors on 28-FFU.
- 4) Project contribution to total IFPTRR is based on fraction of Forecast Period CWIP Balances on Lines 1 to 12, Col 3.
- 5) Column 1 is from Lines 39 to 49, Sum of Column 1-3 (no FF&U).
Column 2 is from Lines 68 to 78 (no FF&U).
Column 3 is the product of (C1 + C2) and the sum of FF and U factors (28-FFU, L5)
- 6) Same as Note 5 except no Uncollectibles Expense in Column 3.

Calculation of Wholesale Difference to the Base TRR

Inputs are shaded yellow

The Wholesale Difference to the Base TRR represents the amount by which the Wholesale Base TRR differs as compared to the Retail Base TRR. This difference is attributable to differences in the following six items, as approved by Commission Order 86 FERC ¶ 63,014 in Docket No. ER97-2355.

These six items may affect the Base TRR by affecting Rate Base, or affecting an annual expense (amortization). If the annual amortization affects Income Taxes, there is an additional annual Income Tax Effect. The table summarizes these impacts for each item:

<u>Line</u>		<u>Rate Base Difference</u>	<u>Expense (Amortization) Difference</u>	<u>Expense Tax Impact</u>
1	a) Depreciation	Yes	Yes	No
2	b) Taxes Deferred - Make Up Adjustment (South Georgia)	Yes	Yes	Yes
3	c) Excess Deferred Taxes	Yes	Yes	Yes
4	d) Taxes Deferred - Acct. 282 ACRS/MACRS	Yes	Yes	No
5	e) Uncollectibles Expense	No	Yes	No
6	f) EPRI and EEI Dues	No	Yes	No

1) Calculation of Wholesale Rate Base Difference and Wholesale Rate Base Adjustment

a) Quantification of the Initial 2010 Wholesale Rate Base Difference and annual change

The difference between Retail and Wholesale Rate Base is attributable to the following four items, with the Initial Prior Year 2010 Rate Base differences and annual changes as follows:

		<u>Data Source</u>	<u>Col 1</u>	<u>Col 2</u>
			<u>2010 Rate Base Difference (Wholesale less Retail)</u>	<u>Annual Change (Amortization)</u>
7	1) Accumulated Depreciation	Fixed values	\$31,556,000	-\$2,176,300
8	2) Taxes Deferred - Make Up Adjustment	Fixed values	-\$35,044,000	\$2,503,000
9	3) Excess Deferred Taxes	Fixed values	-\$624,650	\$43,100
10	4) Taxes Deferred - Acct. 282 ACRS/MACRS	Fixed values	-\$7,410,000	\$511,200
11			Totals:	\$881,000

b) Quantification of the Wholesale Rate Base Adjustment

The Wholesale Rate Base Adjustment represents the impact on the Wholesale Base TRR relative to the Retail Base TRR of the Wholesale Rate Base Difference for the Prior Year.

	<u>Data Source</u>	<u>Value</u>	<u>Notes/Instructions</u>
12	Fixed Charge Rate	2-IFPTRR Line 16	10.01%
13	Prior Year		2018
14	Wholesale Rate Base Difference for Prior Year		-\$4,474,650
15	Wholesale Rate Base Adjustment	Line 14 * Line 12	-\$447,950

2) Calculation of Wholesale Expense Difference

The annual Wholesale Expense Difference impact is the negative of amounts stated in Lines 7 to 10 above, Column 2. It represents the effect on expenses (Wholesale less Retail) of amortizing the associated balances each year. If an annual amortization amount affects Income Taxes, the expense difference must be grossed up for income taxes.

a) Calculation of the Wholesale South Georgia Income Tax Adjustment to the TRR

	<u>Source</u>	<u>Value</u>
16	South Georgia Amortization	Line 8
17	Composite Tax Rate ("CTR")	1-BaseTRR L 59
18	Tax Gross Up Factor	(1/(1-CTR))
19	Wholesale South Georgia	1.3886
20	Income Tax Adjustment to the TRR:	- Line 16 * Line 18
		-\$3,475,597

b) Calculation of "Excess Deferred Taxes" Grossed Up for Income Taxes

	<u>Source</u>	<u>Value</u>
21	Annual Amort. of "Excess Deferred Taxes":	Line 9
22	Tax Gross Up Factor	Line 18
23	Excess Deferred Taxes Grossed Up for Income Taxes:	- Line 21 * Line 22
24		-\$59,847

25 c) Calculation of EPRI and EEI Dues Exclusion

	<u>Source</u>	<u>Notes/Instructions</u>
26 EPRI Dues	SCE Records	\$60,000 Note 5
28 EEI Dues	SCE Records	\$1,560,365 Note 5
29 Sum of EPRI and EEI Dues	Line 27 + 28	\$1,620,365
30 Transmission Wages and Salaries Allocation Factor	27-Allocators, Line 5 9	<u>5.7427%</u>
31 EPRI and EEI Dues Exclusion	Line 29 * 30	\$93,052

d) Total Expense Difference

		<u>Notes/Instructions</u>
32 1) Wholesale Depreciation Difference	- Line 7, Col. 2	\$2,176,300
33 2) Taxes Deferred - Make Up Adjustment	Line 20	-\$3,475,597
34 3) Excess Deferred Taxes	Line 23	-\$59,847
35 4) Taxes Deferred - Acct. 282 ACRS/MACRS	- Line 10, Col. 2	-\$511,200
36 5) EPRI and EEI Dues Exclusion	- Line 31	-\$93,052
37 6) Additional Expense Difference		\$21,039 Note 6
38	Total Expense Difference:	-\$1,942,358

3) Calculation of the Wholesale Difference to the Base TRR

	<u>Source</u>	<u>Value</u>
39 Wholesale Rate Base Adjustment	Line 15	-\$447,950
40 Expense Difference	Line 38	-\$1,942,358
41 Uncollectibles Expense -- Prior Year TRR	- 1-Base TRR, L 80	-\$2,307,141
42 Uncollectibles Expense -- IFPTRR	- 2-IFPTRR, L 80	<u>-\$256,499</u>
43 Subtotal:	Sum Line 39 to Line 42	-\$4,953,948
44 Franchise Fee Exclusion		<u>-\$22,096</u> Note 4
45 Wholesale Difference to the Base TRR:	Line 43 + Line 44	-\$4,976,044

Notes/Instructions:

- 1) Fixed Charge Rate of capital and income tax costs associated with \$1 of Rate Base is defined elsewhere in this formula as "AFCRCWIP".
- 2) Input Prior Year for this Informational Filing in Line 13.
- 3) Calculation: (Line 11, Col 1) + ((Line 11, Col 2) * (Line 13 - 2010)).
- 4) Franchise Fee Exclusion is equal to the Franchise Fee Factor on the 28-FFU Line 5 times Line 39 + 40.
- 5) Only exclude if not already excluded in Schedule 20.
- 6) If appropriate, additional expenses may be excluded from the Wholesale Base TRR

Income Tax Rates**1) Federal Income Tax rate**

Inputs are shaded yellow

<u>Line</u>	<u>Rate</u>	<u>Federal</u> <u>Income Tax</u> <u>Rate ("FITR")</u>	<u>Source</u>
1	2020	21.00%	Note 1, Note 4
2			

3) Composite State Income Tax Rate

4

Composite State

<u>Line</u>	<u>Rate</u>	<u>Composite State</u> <u>Income Tax</u> <u>Rate ("CSITR")</u>	<u>Source</u>
8	2020	8.8400%	Note 2, Note 4

5

6

7

8

9

10

11

12) Capitalized Overhead portion of Electric Payroll Tax Expense

13

14 Total Electric Payroll Tax Expense (From 1-BaseTRR, Line 31)

Amount

\$119,136,716

15 Capitalization Rate (Note 3)

39.8%

16 Capitalized Overhead portion of Electric Payroll Tax Expense (Line 14 * Line 15)

\$47,416,413

17 Non-Capitalized Overhead portion of Electric Payroll Tax Expense (Line 14 - Line 16)

\$71,720,303

Notes:

1) Federal Source Statute: Internal Revenue Code § 11.b

2) California State Source Statute:

California Rev. & Tax. Cd. § 23151

3) Capitalization Rate approved in: CPUC D. 15-11-021

2015-2018

For the following Prior Years:

4) In the event that either the Federal or State Income Tax Rate applicable to the Rate Year differs from that in effect during the Prior Year, the True Up TRR for the Prior Year will be calculated utilizing the same Formula Rate Spreadsheet except for the Income Tax rate(s). The difference between the True Up TRR calculated in such workpaper using the Income Tax Rates that were in effect during the Prior Year and the True Up TRR otherwise calculated by this formula shall be entered as a One Time Adjustment on Schedule 3, ensuring that the Formula Spreadsheet correctly calculates the True Up TRR for the Prior Year to be based on the Income Tax Rate(s) that were in effect during that year. For the Prior Years of 2016 and 2017, both of which will have Income Tax Rates that differ between the Prior Year and the Rate Year due to the passage of the 2017 Tax Cuts and Jobs Act, this provision will be implemented as part of the Section 6 of the Formula Rate Protocols, which will calculate the True Up TRR for those years based on a Federal Income Tax Rate of 35%.

Calculation of Allocation Factors

1) Calculation of Transmission Wages and Salaries Allocation Factor

<u>Line</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>Prior Year Value</u>
1 ISO Transmission Wages and Salaries		19-OandM Line 91, Col. 7	
2 <u>Less ISO NOIC (T and D)</u>	Settlement Term #6: Revise Calculation of W&S Allocation Factor to exclude NOIC Amounts	<u>Less 19-OandM Line 79, Col. 7</u>	\$30,466,410
3 Total Wages and Salaries		<u>Less 19-OandM Line 87, Col. 7</u>	\$751,177,566
4 Less Total A&G Wages and Salaries		FF1 354.28b	\$220,649,268
5 Total Wages and Salaries wo A&G		FF1 354.27b	\$530,528,298
6 <u>Total NOIC (Non-Officer Incentive Compensation)</u>		Line 2 - Line 3	-----
7 <u>Less A&G NOIC</u>	Also delete previous lines 5,6,7, and 8 and renumber remaining lines	<u>20-AandG, Note 2</u>	-----
8 <u>NOIC wo A&G NOIC</u>		<u>20-AandG, Note 2</u>	-----
9 <u>Total non A&G W&S with NOIC</u>		<u>Line 5-Line 6</u>	-----
10 Transmission Wages and Salary Allocation Factor		<u>Line 4 + Line 7</u>	-----
		Line 1 / Line 8	5.7427%

2) Calculation of Transmission Plant Allocation Factor

<u>Line</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>Prior Year Value</u>
10 14 Transmission Plant - ISO		7-PlantStudy, Line 21	\$8,787,478,998
11 15 Distribution Plant - ISO		7-PlantStudy, Line 30	\$0
12 16 Total Electric Miscellaneous Intangible Plant		6-PlantInService, Line 21, C2	\$1,211,743,818
13 17 Electric Miscellaneous Intangible Plant - ISO		Line <u>12 16</u> * Line <u>5 9</u>	\$69,586,267
14 18 Total General Plant		6-PlantInService, Line 21, C1	\$3,095,312,496
15 19 General Plant - ISO		Line <u>14 18</u> * Line <u>5 9</u>	\$177,753,118
16 20 Total Plant In Service		FF1 207.104g	\$48,205,871,081
17 21			
18 22 Transmission Plant Allocation Factor	(L <u>10 14</u> + L <u>11 15</u> + L <u>13 17</u> + L <u>15 19</u>) / L <u>16 20</u>		18.7422%

3) Schedule 19 "Percent ISO" Allocation Factors (Input values are from SCE Records)

<u>Line</u>	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
22 26 a) Line Miles	5,702		563 -Overhead Line Expenses - Allocated
23 27 ISO Line Miles	6,457		567 - Line Rents - Allocated
24 28 Non-ISO Line Miles	12,159 = L <u>23 27</u> + L <u>24 28</u>		571 - Maintenance of Overhead Lines - Allocated
25 29 Total Line Miles	46.9% = L <u>23 27</u> / L <u>25 29</u>		
26 30 Line Miles Percent ISO			
<u>Line</u>	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
28 32 b) Underground Line Miles	5		564 - Underground Line Expense
29 33 ISO Underground Line Miles	358		572 - Maintenance of Underground Transmission Lines
30 34 Non-ISO Underground Line Miles	363 = L <u>29 33</u> + L <u>30 34</u>		
31 35 Total Undergound Line Miles	1.4% = L <u>29 33</u> / L <u>31 35</u>		
32 36 Underground Line Miles Percent ISO			
<u>Line</u>	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
34 38 c) Circuit Breakers	1,233		All Other Non 0% or 100% Transmission O&M Accounts
35 39 ISO Circuit Breakers	2,093		
36 40 Non-ISO Breakers	3,326 = L <u>35 39</u> + L <u>36 40</u>		
37 41 Total Circuit Breakers	37.1% = L <u>35 39</u> / L <u>37 41</u>		
38 42 Circuit Breakers Percent ISO			
<u>Line</u>	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
40 44 d) Distribution Circuit Breakers	0		582 - Station Expenses
41 45 ISO Distribution Circuit Breakers	8,841		590 - Maintenance Supervision and Engineering
42 46 Non-ISO Distribution Circuit Breakers	8,841 = L <u>41 45</u> + L <u>42 46</u>		591 - Maintenance of Structures
43 47 Total Distribution Circuit Breakers	0.0% = L <u>41 45</u> / L <u>43 47</u>		592 - Maintenance of Station Equipment
44 48 Distribution Circuit Breakers Percent ISO			

Franchise Fees and Uncollectibles Expense Factors**1) Approved Franchise Fee Factor(s)**

Inputs are shaded yellow

<u>Line</u>	<u>From</u>	<u>To</u>	<u>Days in Prior Year</u>	<u>FF Factor</u>	<u>Reference</u>
1	2018	Present	365	0.92440%	Schedule 28 - Workpaper Line 3
2					

2) Approved Uncollectibles Expense Factor(s)

<u>Line</u>	<u>From</u>	<u>To</u>	<u>Days in Prior Year</u>	<u>U Factor</u>	<u>Reference</u>
3	2018	Present	365	0.21340%	Schedule 28 - Workpaper Line 4
4					

3) FF and U Factors

<u>Prior Year</u>	<u>FF Factor</u>	<u>U Factor</u>	<u>Notes</u>
5	2018	0.92440% 0.21340%	Calculated according to Instruction 3

Notes:

- 1) Franchise Fees represent payments that SCE makes to municipal entities for the right to locate facilities within the municipality.

Instructions:

- 1) Enter Franchise Fee and Uncollectibles Factors as approved by the California Public Utilities Commission ("CPUC") in modules 1 and 2 above pursuant to Instruction 2. If approved factors changed during Prior Year, enter both, and note period of time for which each applies in "From" and "To" columns, and number of days each was in effect during the Prior Year in "Days in Prior Year" Column.
- 2) Franchise Fees Factor is calculated from CPUC Decision by dividing adopted Franchise Fees by Total Operating Revenues less Franchise Fees. Uncollectibles Factor is calculated by dividing adopted Uncollectibles expense by Total Operating revenues less Uncollectibles Expense. Resulting FF & U Factors represent factors that, when applied to TRR without FF and U will correctly determine FF and U expense.
- 3) Calculate in module 3 the weighted average FF and U factors from the factors in modules 1 and 2 based on the number of days each FF and U factor was in effect during the Prior Year at issue.

	<u>Percent</u>	<u>Calculation</u>
Prior Year FF Factor:	0.92440%	((L1 FF Factor * L1 Days) + (L2 FF Factor * L2 Days))/(L1+L2 Days)
Prior Year U Factor:	0.21340%	((L3 U Factor * L3 Days) + (L4 U Factor * L4 Days))/(L3+L4 Days)

CALCULATION OF SCE WHOLESALE HIGH AND LOW VOLTAGE TRRS

<u>Line</u>	<u>TRR Values</u>	<u>Notes</u>	<u>Source</u>
1	\$1,025,995,923 = Wholesale Base TRR		1-BaseTRR, Line 89
2	-\$72,958,322 = Total Wholesale TRBAA	Note 1	ER 19-220
3	-\$72,644,844 = HV Wholesale TRBAA		ER 19-220
4	-\$313,478 = LV Wholesale TRBAA		ER 19-220
5	-\$7,241,566 = Total Standby Transmission Revenues	Note 2	SCE Retail Standby Rate Revenue
6	97.0314% = HV Allocation Factor		31-HVLV, Line 37
7	2.9686% = LV Allocation Factor		31-HVLV, Line 37

Calculation of Total High Voltage and Low Voltage components of Wholesale TRR

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Source</u>
		<u>TOTAL</u>	<u>High Voltage</u>	<u>Low Voltage</u>	
8	Wholesale Base TRR:	\$1,025,995,923	\$995,538,578	\$30,457,345	See Note 3
9	CWIP Component of Wholesale Base TRR:	\$93,086,241	\$93,086,241	\$0	See Note 4
10	Non-CWIP Component of Wholesale Base TRR:	\$932,909,682	\$902,452,337	\$30,457,345	See Note 5
11	Wholesale TRBAA:	-\$72,958,322	-\$72,644,844	-\$313,478	Lines 2 to 4
12	Less Standby Transmission Revenues:	-\$7,241,566	-\$7,026,596	-\$214,971	See Note 6
13	Components of Wholesale Transmission Revenue Requirement:	\$945,796,035	\$915,867,138	\$29,928,897	Sum of Lines 8, 11, and 12

Notes:

1) TRBAA is "Transmission Revenue Balancing Account Adjustment". The TRBAA is determined pursuant to SCE's Transmission Owner Tariff and may be revised each January 1, upon commission acceptance of a revised TRBAA amount, or upon the date the Commission orders.

2) From 33-RetailRates. See Line:

Line 17, column 3

3) Column 1 is from Line 1.

Column 2 equals Column 1 * Line 6.

Column 3 equals Column 1 * Line 7.

4) From 24-CWIPTRR, Line 88. All High Voltage.

5) Line 8 - Line 9

6) Column 1 is from Line 5.

Column 2 equals Column 1 * Line 6.

Column 3 equals Column 1 * Line 7.

Calculation of SCE Wholesale Rates (See Note 1)

SCE's wholesale rates are as follows:

- 1) Low Voltage Access Charge
- 2) High Voltage Utility-Specific Rate
- 3) HV Existing Contracts Access Charge

Calculation of Low Voltage Access Charge:

<u>Line</u>			<u>Source</u>
1	LV TRR =	\$29,928,897	29-WholesaleTRRs, Line 13, C3
2	Gross Load =	87,036,035	32-Gross Load, Line 4 3
3	Low Voltage Access Charge =	\$0.00034	Line 1 / (Line 2 * 1000)

Calculation of High Voltage Utility Specific Rate:

(used by ISO in billing of ISO TAC)

			<u>Source</u>
4	SCE HV TRR =	\$915,867,138	29-WholesaleTRRs, Line 13, C2
5	Gross Load =	87,036,035	32-Gross Load, Line 4 3
6	High Voltage Utility-Specific Rate =	\$0.0105228	Line 4 / (Line 5 * 1000)

Calculation of High Voltage Existing Contracts Access Charge:

			<u>Source</u>
7	HV Wholesale TRR =	\$915,867,138	29-WholesaleTRRs, Line 13, C2
8	Sum of Monthly Peak Demands:	177,229	32-Gross Load, Line 5 4
9	HV Existing Contracts Access Charge:	\$5.17	Line 7 / (Line 8 * 1000)

Notes:

- 1) SCE's wholesale rates are subject to revision upon acceptance by the Commission of a revised TRBAA amount. See Note 1 on 29-WholesaleTRRs.

Schedule 31
High and Low Voltage Gross Plant

TO2020 Annual Update
Attachment 5, Settlement Model
2018 True Up TRR

Derivation of High Voltage and Low Voltage Gross Plant Percentages

Determination of HV and LV Gross Plant Percentages for ISO Transmission Plant in accordance with ISO Tariff Appendix F, Schedule 3, Section 12.

Input cells are shaded yellow

A) Total ISO Plant from Prior Year		HV and LV Components of Total ISO Plant on Lines 2, 3, 7, 8, and 9 are from the Plant Study, performed pursuant to Section 9 of Appendix IX:						
Classification of Facility:	Total ISO Gross Plant	Land	Structures	HV Land	LV Land	HV Structures	LV Structures	HV/LV Transformers
<u>Line</u>								
1	Lines:							
2	HV Transmission Lines	\$4,535,240,705	\$207,142,761	\$4,328,097,944	\$207,142,761	\$0	\$4,328,097,944	\$0
3	LV Transmission Lines	\$108,889,670	\$5,561,931	\$103,327,739	\$0	\$5,561,931	\$0	\$0
4	Total Transmission Lines (L 2 + L 3):	\$4,644,130,375	\$212,704,692	\$4,431,425,683	\$207,142,761	\$5,561,931	\$4,328,097,944	\$103,327,739
5								\$0
6	Substations:							
7	HV Substations (>= 200 kV)	\$3,635,804,186	\$39,571,602	\$3,596,232,584	\$39,571,602	\$0	\$3,596,232,584	\$0
8	Straddle Subs (Cross 200 kV boundary):	464,104,071	\$191,615	\$463,912,456	\$107,609	\$84,006	\$271,869,850	\$130,090,918
9	LV Substations (Less Than 200kV)	43,440,580	\$146,757	\$43,293,823	\$0	\$146,757	\$0	\$61,951,688
10	Total all Substations (L7 + L8 + L9)	\$4,143,348,837	\$39,909,974	\$4,103,438,863	\$39,679,211	\$230,763	\$3,868,102,434	\$173,384,741
11								\$61,951,688
12	Total Lines and Substations	\$8,787,479,212	\$252,614,666	\$8,534,864,546	\$246,821,972	\$5,792,694	\$8,196,200,378	\$276,712,480
13								
14								
15	Gross Plant that can directly be determined to be HV or LV:							
16		High Voltage	Low Voltage	Total	Notes:			
17								
18	Land	\$246,821,972	\$5,792,694	\$252,614,666	From above Line 12			
19	Structures	\$8,196,200,378	\$276,712,480	\$8,472,912,858	From above Line 12			
20	Total Determined HV/LV:	\$8,443,022,350	\$282,505,174	\$8,725,527,524	Sum of lines 18 and 19			
21	Gross Plant Percentages (Prior Year):	96.762%	3.238%		Percent of Total			
22								
23	Straddling Transformers	\$59,945,887	\$2,005,801	\$61,951,688	Straddling Transformers split by Gross Plant Percentages on Line 21			
24	Abandoned Plant (BOY)	\$0	\$0	\$0	Total: 12-Abandoned Plant Line 2, HV: 12-Abandoned Plant Line 5, LV = Total - HV			
25	Total HV and LV Gross Plant for Prior Year	\$8,502,968,237	\$284,510,975	\$8,787,479,212	Line 20 + Line 23 + Line 24			
26								
27								
28	B) Gross Plant Percentage for the Rate Year:							
29								
30		High Voltage	Low Voltage	Total	Notes:			
31								
32	Total HV and LV Gross Plant for Prior Year	\$8,502,968,237	\$284,510,975	\$8,787,479,212	Line 25			
33	In Service Additions in Rate Year:	\$577,662,174	\$7,961,646	\$585,623,820	13-Month Average: 16-PlantAdditions, Line 25, Cols 7 (for Total) and 12 (for LV). HV = C7 - C12.			
34	CWIP in Rate Year	\$479,223,757	\$0	\$479,223,757	13 Month Average: 10-CWIP, Line 54, Col. 8			
35	Total HV and LV Gross Plant for Rate Year	\$9,559,854,168	\$292,472,621	\$9,852,326,789	Line 32 + Line 33 + Line 34			
36								
37	HV and LV Gross Plant Percentages:	97.031%	2.969%		Percent of Total on Line 35			
38	(HV Allocation Factor and							
39	LV Allocation Factor)							

Calculation of Forecast Gross Load

<u>Line</u>	<u>MWh</u>	<u>Calculation</u>	<u>Source</u>
1	SCE Retail Sales at ISO Grid level:	86,985,944	Note 1
2	Pump Load forecast:	21,240	Note 2
3	<u>Pump Load True-Up</u>	<u>28,851</u>	<u>Note 4</u>
<u>4 3</u>	Forecast Gross Load:	87,036,035	Sum of above

<u>5 4</u>	Forecast 12-CP Retail Load:	177,229	TO2020 value = 44,781 – 15,930 (2018 recorded of 44,781 – TO12 Forecast of 15,930)
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Notes:

- 1) Latest SCE approved sales forecast as of April 15 of each year.
- 2) SCE pump load forecast as of April 15 of each year.
- 3) The load forecast used in Schedule 32 shall be for the calendar year in which the rates are to be in effect.
- 4) The Pump Load True-Up value is equal to actual recorded less forecast Pump Load for the Prior Year.**

Calculation of SCE Retail Transmission Rates

Retail Base TRR: 1,030,971,967 **Source**: 1-BaseTRR WS, Line 86 **Input cells are shaded yellow**

1) Derivation of "Total Demand Rate" and "Total Energy Rate":

	<u>Col 1</u> Note 1	<u>Col 2</u>	<u>Col 3</u> Note 2	<u>Col 4</u> Note 3	<u>Col 5</u> Note 4	<u>Col 6</u> Note 5	<u>Col 7</u> Note 6	<u>Col 8</u> Note 7	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>	<u>Col 13</u>	<u>Col 14</u>	
				Sales Forecast Billing Determinants:											
		= Retail Base TRR * Line1:Col1	Sales Forecast (Not Including Backup)	Sales Forecast (Backup)	NEM Adjustment	Applies to supplemental kW demand charges	Applies to contracted standby kW demand charges	= (Line1:Col3 + Line1:Col4) - Line1:Col5	= Line1:Col2 / ((Line1:Col6 + Line1:Col7)*10^6)	= Line1:Col2 / ((Line1:Col6 + Line1:Col7)*10^6)	Determinants: to be applied to the Supplemental kW demand charges,				
Line	CPUC Rate Group	12-CP factors	Total Allocated costs	GWh	Backup GWh	NEM GWh	Maximum demand - MW	Standby demand - MW	Billing Determinants with NEM Adjustment	Total energy rate \$/kWh	Total demand rate - \$/kW-month	GWh	Maximum demand - MW	Standby demand - MW	Notes
1a	Domestic	43.06%	\$443,895,955	28,631		1619	0	0	27,012	\$0.01643					
1b	TOU-GS-1	7.43%	\$76,561,761	5,811		16	0	1	5,794	\$0.01321		5,942	29,137	1	
1b ₂	TOU-GS-1 continued								0		\$2.69	\$78,519,902	\$2.69	Notes 9,10	
1c	TC-1	0.05%	\$493,441	57		0			57	\$0.00865					
1d	TOU-GS-2	16.52%	\$170,281,233	13,437	98,72238967	46,089	36		13,339					\$3.69	
1e	TOU-GS-3	8.60%	\$88,658,067	7,602	116,0352348	22,068	71		7,486					\$4.00	
1f	TOU-8-SEC	8.61%	\$88,763,564	8,103	49,1570293	20,668			8,054					\$4.29	
1g	TOU-8-PRI	5.59%	\$57,630,282	5,468	30,28861878	12,719			5,437					\$4.53	
1h	TOU-8-SUB	6.34%	\$65,312,916	5,982	3,941036453	12,119			5,978					\$5.39	
1i	TOU-8-Standby-SEC	0.09%	\$897,845	97	90	295	246		187					\$1.66	
1j	TOU-8-Standby-PRI	0.19%	\$1,918,798	448	226	1,135	1,243		674					\$0.81	
1k	TOU-8-Standby-SUB	0.39%	\$3,993,136	1,851	528	3,735	8,025		2,379					\$0.34	
1l	TOU-PA-2	1.57%	\$16,185,602	1,828	23,17331405	8,523	0		1,805					\$1.90	
1m	TOU-PA-3	1.21%	\$12,454,109	1,483	31,07450059	5,075	16		1,452					\$2.45	
1n	Street Lighting	0.38%	\$3,925,257	581					581	\$0.00675					
1o	---							0							
2	Totals:		100.00%	\$1,030,971,967	81,379	844	1,988	132,426	9,638	80,234					

2) Determination of Demand Rates for Large Power (TOU-8) Rate Groups

Schedule 33
Retail Transmission Rates

11 3) End-User Transmission Rates

	Col 1	Col 2	Col 3	Col 4
12	= Col 2 + Col 3	= Line1:Col2 - Line16:Col3	= Line16:Col7 * Line1:Col7 * 10^3	
13				

14 Note 12

	Total Revenues	Revenue associated with Supplemental Demand or Energy	Standby Demand Revenue
15 CPUC Rate Group			

16a Domestic	\$443,895,955	\$443,895,955	
16b TOU-GS-1	\$76,561,761	\$76,560,392	\$1,369
16c TC-1	\$493,441	\$493,441	
16d TOU-GS-2	\$170,281,233	\$170,150,725	\$130,509
16e TOU-GS-3	\$88,658,067	\$88,397,004	\$261,063
16f TOU-8-SEC	\$87,513,181	\$87,513,181	
16g TOU-8-PRI	\$52,909,995	\$52,909,995	
16h TOU-8-SUB	\$49,924,528	\$49,924,528	
16i TOU-8-Standby-SEC	\$2,148,228	\$1,250,383	\$897,845
16j TOU-8-Standby-PRI	\$6,639,085	\$4,720,287	\$1,918,798
16k TOU-8-Standby-SUB	\$19,381,525	\$15,388,388	\$3,993,136
16l TOU-PA-2	\$16,185,602	\$16,184,873	\$729
16m TOU-PA-3	\$12,454,109	\$12,415,993	\$38,116
16n Street Lighting	\$3,925,257	\$3,925,257	
16o ...			
17 Totals:	\$1,030,971,967	\$1,023,730,400	\$7,241,566

18

19 Notes:

- 1) See Col 9 of Lines 35a, 35b, 35c, etc.
- 2) Sales forecast in total Giga-watt hours usage, represents the customers' total annual GWh usage. Based on same forecast as Gross Load forecast in Schedule 32, Line 1, but at customer meter level. Does not include Backup GWh included in Column 4 (the sum of Column 3 and 4 equals total Sales Forecast).
- 3) Backup GWh represents the amount of electrical service that is provided by SCE to a customer who has an onsite generating facility during unscheduled outages of the customer's on-site generator. Only applies to TOU-8-Standby-SEC, TOU-8-Standby-PRI, TOU-8-Standby-SUB Rate Groups.
- 4) Amount of energy included in the sales forecast that is not subject to transmission charges pursuant to the California Public Utilities Commission ("CPUC") approved Net Energy Metering Program.
- 5) Sales forecast pertaining to the sum of monthly maximum supplemental Mega-watt demand, applies to demand charge schedules
- 6) Sales forecast pertaining to the sum of monthly contracted standby Mega-watt demand, applies to standby schedules
- 7) Net Forecast in total Giga-watt hours usage - represents the customers' annual Net GWh, applicable to Non-Demand Charge Schedules such as Residential or Small General Service
- 8) Recorded sales from Sample meters adjusted for population - use to set the total demand rate for the optional time-of-use schedules within the GS-1 rate group
- 9) Line 1b2, Col11 = Line 1b Col9 * Line 1b Col11 * 10^6
- 10) Total demand rate for the optional time-of-use schedules within the GS-1 rate group, Line 1b2:Col10 = Line 1b2:Col12 / ((Line1b:Col12 + Line1b:Col13) * 10^3)
- 11) Sum of the TOU-8 Standby and TOU-8 Non-Standby billing determinants in Line1:Col6
- 12) For TOU-8 Rates revenue = Supplemental Demand Charge on Line 9 Column 8 * Maximum Demand on Lines 1 Column 6
- 13) For optional time-of-use schedules within the GS-1 rate group (Line16:Col6), = (Line1b2:Col11 - Line16:Col3) / Line1b:Col12 / 10^3
- 14) For the non TOU-8-Standby rate group, it is the minimum of Line16:Col7, or the total demand rate in Line1:Col10
- 15) Applicable to time-of-use schedules within the GS-1 rate group
- 16) Rates associated with Rate Groups GS-2 and TOU-GS-3 are calculated on a combined basis, so that the rate is the sum of the combined Revenue Associated with Supplemental Demand or Energy in Column 2 (line 16d and 16e) divided by the sum of the sum of the Billing Determinants in Column 8 (Line 1d and 1e).
- 17) Applicable to the optional schedules that contain horse power charge such as PA-1
- 18) GWh for TOU-8-Standby-SEC, TOU-8-Standby-PRI, TOU-8-Standby-SUB Rate Groups are placed in TOU-8-SEC, TOU-8-PRI, TOU-8-SUB Rate Groups respectively.

20

21

Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11
		from Line9:Col3				
= Line16:Col2 / (Line1:Col8 * 10^6)	= Line16:Col2 / Line1:Col6 / 10^3		= Line16:Col6 * 0.746	= Line16:Col7 * 0.746		= Line16:Col2 / (Line1:Col8 * 10^6)
		Note 13	Note 14			
Energy Charge - \$/kWh	Supplemental Demand Charge - \$/kW-month	Contracted standby kW demand Charge - \$/kW-month	Supplemental Demand Charge - \$/HP-month	Contracted standby kW demand Charge - \$/HP-month	Notes	Transportation Electrification (TE) Energy Charge - \$/kWh
\$0.01643	\$2.69	\$2.69			Note 15	\$0.01321
\$0.01321						
\$0.00865						
		\$3.69	\$3.65			Note 16 \$0.01242
		\$4.01	\$3.65			\$0.01242
		\$4.23				\$0.01087
		\$4.16				\$0.00973
		\$4.12				\$0.00835
		\$4.23	\$3.65			
		\$4.16	\$1.54			
		\$4.12	\$0.50			
		\$1.90	\$1.90	\$1.42	1.416685965	Note 17
		\$2.45	\$2.45			
		\$0.00675				

22 Rate Schedules in each CPUC Rate Group:

CPUC Rate Group	Rate Schedules included in Each Rate Group in the Rate Effective Period											
26a Domestic	Includes Schedules D, D-CARE, D-FERA, TOU-D-T, TOU-EV-1, TOU-D-TEV, DE, D-SDP, D-SDP-O, DM, DMS-1, DMS-2, DMS-3, and DS.											
26b Domestic (cont')	D (Option CPP), D-CARE (Option CPP), TOU-D-Option A, TOU-D-Option B, TOU-D-3, TOU-D-T-CPP, TOU-D (Options 4-9 PM, 5-8 PM, PRIME, and CPP)											
26c TOU-GS-1	Includes Schedules GS-1, TOU-EV-3, TOU-EV-7 (Options D and E), and TOU-GS-1 (Options E, ES, D, LG, C, A, B, RTP, CPP, Standby, GS-APS, GS-APS-E, and ME).											
26d TC-1	Includes Schedules TC-1, Wi-Fi-1, and WTR.											
26d TOU-GS-2	Includes Schedules GS-2, TOU-EV-4, TOU-EV-8, and TOU-GS-2 (Options D, E, A, B, R, RTP, CPP, Standby, GS-APS, GS-APS-E, and ME).											
26e TOU-GS-3	Includes Schedules TOU-GS-3-CPP, TOU-EV-8, and TOU-GS-3 (Options D, E, A, B, R, RTP, CPP, Standby, TOU-BIP, GS-APS, GS-APS-F, and ME).											
26f TOU-8-SEC	Includes Schedules TOU-8-CPP, TOU-8-RBU, TOU-EV-9, and TOU-8 (Options D, E, A, B, R, RTP, TOU-BIP, GS-APS, GS-APS-E, Backup-B, and ME).											
26g TOU-8-PRI	Includes Schedules TOU-8-CPP, TOU-8-RBU, TOU-EV-9, and TOU-8 (Options D, E, A, B, R, RTP, TOU-BIP, GS-APS, GS-APS-E, Backup-B, and ME).											
26h TOU-8-SUB	Includes Schedules TOU-8-CPP, TOU-8-RBU, TOU-EV-9, and TOU-8 (Options D, E, A, B, R, RTP, TOU-BIP, GS-APS, GS-APS-E, Backup-B, and ME).											
26i TOU-8-Standby-SEC	Includes Schedules TOU-8-Standby (Options D, LG, A, B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).											
26j TOU-8-Standby-PRI	Includes Schedules TOU-8-Standby (Options D, LG, A, A2, B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).											
26k TOU-8-Standby-SUB	Includes Schedules TOU-8-Standby (Options D, LG, A, A2, B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).											
26l TOU-PA-2	Includes Schedules PA-1, PA-2, TOU-PA-ICE, and TOU-PA-2 (Options D, E, 4-9 PM, 5-8 PM, A, B, RTP, SOP-1, SOP-2, CPP, Standby, and AP-I).											
26m TOU-PA-3	Includes Schedules TOU-PA-3-CPP, and TOU-PA-3 (Options D, E, 4-9 PM, 5-8 PM, A, B, RTP, SOP-1, SOP-2, Standby, and AP-I).											
26n Street Lighting	Includes Schedules AL-2, AL-2-B, AL-2-F, DWL, LS-1, LS-2, LS-3, LS-3-B, and OL-1.											
26o ...												
27												
28												
29 Recorded 12-CP Load Data by Rate Group (MW)												
30	Col 1 Col 2 Col 3 Col 4 Col 5 Col 6 Col 7 Col 8 Col 9 Col 10 Col 11											
31	Line35:(Col1+Col2+Col3)/3								Line35:(Col4*Col5/Col6*Col9) = Line35:(Col10 / total of Col10)			
32												
33												
34	CPUC Rate Group	2015	2016	2017	3-Year Average	Line losses	Recorded GWh (Average)	Standby Adjusted Sales Forecast - GWh	Backup GWh	Total Sales Forecast - GWh	Loss Adjusted Average 12-CP	12-CP Allocation factors
35a	Domestic	70,775	70,601	78,359	73,245	1,0905	29,637	28,631	0	28,631	77,164	43.06%
35b	TOU-GS-1	12,889	12,483	12,202	12,525	1,0909	5,965	5,811	0	5,811	13,309	7.43%
35c	TC-1	83	82	83	83	1,0917	60	57	0	57	86	0.05%
35d	TOU-GS-2	30,626	29,452	28,687	29,588	1,0905	14,648	13,437	0	13,437	29,601	16.52%
35e	TOU-GS-3	16,184	15,947	15,513	15,881	1,0900	8,539	7,602	0	7,602	15,412	8.60%
35f	TOU-8-SEC	14,907	14,707	14,237	14,617	1,0909	8,474	8,200	0	8,200	15,430	8.61%
35g	TOU-8-PRI	9,882	9,684	9,644	9,737	1,0644	6,120	5,916	0	5,916	10,018	5.59%
35h	TOU-8-SUB	10,984	11,021	11,029	11,012	1,0315	7,836	7,832	0	7,832	11,354	6.34%
35i	TOU-8-Standby-SEC	143	155	142	147	1,0911	92	0	90	90	156	0.09%
35j	TOU-8-Standby-PRI	311	373	301	329	1,0645	237	0	226	226	334	0.19%
35k	TOU-8-Standby-SUB	631	714	602	649	1,0316	509	0	528	528	694	0.39%
35l	TOU-PA-2	3,024	2,748	2,325	2,699	1,0910	1,913	1,828	0	1,828	2,814	1.57%
35m	TOU-PA-3	1,833	1,891	1,858	1,861	1,0896	1,388	1,483	0	1,483	2,165	1.21%
35n	Street Lighting	660	685	960	768	1,0938	716	581	0	581	682	0.38%
35o	...											
36	Totals:	172,933	170,545	175,944	173,140		86,135	81,379	844	82,223	179,217	100.00%

Schedule 34
Unfunded Reserves

TO2020 Annual Update
Attachment 5, Settlement Model
2018 True Up TRR

Line	Reference	Prior Year Amount		
		Col 1 Prior Year BOY Unfunded Reserves	Col 2 Prior Year EOY Unfunded Reserves	Col 3 Prior Year Average Unfunded Reserves
6	Unfunded Reserves (EOY): (Line 17, Col 2)			-\$163,282,358
7	Unfunded Reserves (Average BOY/EOY): (Line 17, Col 3)			-\$86,758,064
12	Description of Issue			
	Unfunded Reserves			
14	Provision for Injuries and Damages (Line 24)	-\$6,158,829	-\$159,183,978	-\$82,671,404
15	Provision for Vac/Sick Leave (Line 29)	-\$3,534,975	-\$3,563,339	-\$3,549,157
16	Provision for Supplemental Executive Retirement Plan (Line 36)	-\$539,965	-\$535,041	-\$537,503
17	Totals: (Line 14 + Line 15 + Line 16)	-\$10,233,769	-\$163,282,358	-\$86,758,064
19	Calculations			
21	Injuries and Damages			
22	Injuries and Damages - Acct. 2251010 Company Records - Input (Negative)	-\$107,247,069	-\$2,771,957,879	
23	Transmission Wages and Salary Allocation Factor (27-Allocators, Line 9)	5.7427%	5.7427%	
24	ISO Transmission Rate Base Applicable (Line 22 x Line 23)	-\$6,158,829	-\$159,183,978	-\$82,671,404
26	Vacation Leave			
27	Vacation and Personal Time Accruals - Acct. 2350080 Company Records - Input (Negative)	-\$61,556,455	-\$62,050,371	
28	Transmission Wages and Salary Allocation Factor (27-Allocators, Line 9)	5.7427%	5.7427%	
29	ISO Transmission Rate Base Applicable (Line 27 x Line 28)	-\$3,534,975	-\$3,563,339	-\$3,549,157
31	Supplemental Executive Retirement Plan			
32	Supplemental Executive Retirement Plan Company Records - Input (Negative)	-\$18,805,421	-\$18,633,934	
33	Times: Applicable Rate Base Percentage	50%	50%	
34	Sub-Total Supplemental Executive Retirement Plan (Line 32 x Line 33)	-\$9,402,711	-\$9,316,967	
35	Transmission Wages and Salary Allocation Factor (27-Allocators, Line 9)	5.7427%	5.7427%	
36	ISO Transmission Rate Base Applicable (Line 34 x Line 35)	-\$539,965	-\$535,041	-\$537,503

SCHEDULE 20
TO2018 TRUE UP TRR
WORKPAPERS

Total of all A&G Exclusions in Formula Input Format ("Shareholder + Other" and Incentive Compensation)

The following matrix presents the exclusions to be entered into the Schedule 20 exclusions matrix and associated notes.

Presented in same format as Schedule 20.

See "Shareholder and Other" and "Incentives" worksheets for contributions to these exclusions.

Note 1: Itemization of exclusions			<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>
Line	Acct.	Total Amount Excluded (Sum of C1 to C4)	Shareholder Exclusions	Franchise		
			Adjustments	Requirements	NOIC	PBOPs
24	920	\$171,916,035	\$52,489,732		\$119,426,302	
25	921	\$8,604,255	\$8,604,255		\$0	
26	922	-\$62,480,935	-\$7,944,352		-\$54,536,583	
27	923	\$8,742,733	\$8,742,733		\$0	
28	924	\$0	\$0		\$0	
29	925	\$3,991,252	\$3,991,252		\$0	
30	926	-\$12,067,035	\$9,885,298		\$0	-\$21,952,333
31	927	NA	NA	NA	NA	NA
32	928	\$11,197,494	\$11,197,494		\$0	
33	929	\$0	\$0		\$0	
34	930.1	\$0	\$0		\$0	
35	930.2	\$14,064,692	\$14,064,692		\$0	
36	931	\$11,993,182	\$11,993,182		\$0	
37	935	\$699,128	\$699,128		\$0	

Source of Yellow-shaded Inputs

- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Not applicable, not yellow shaded
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets
- Sum of "Shareholder and Other" and Incentives sheets

Note 2: Non-Officer Incentive Compensation ("NOIC") Adjustment

Adjust NOIC by excluding accrued NOIC Amount and replacing with the actual non-capitalized A&G NOIC payout.

		<u>Amount</u>	<u>Source</u>
a		Accrued NOIC Amount: \$137,026,591	SCE Records
b		Actual A&G NOIC payout: \$17,600,289	Note 2, d
c		Adjustment: \$119,426,302	
Actual non-capitalized NOIC Payouts:			
d	Department	<u>Amount</u>	<u>Source</u>
d	A&G	\$17,600,289	SCE Records and Workpapers
e	Other	\$8,544,925	SCE Records and Workpapers
f	TDBU	\$26,767,831	SCE Records and Workpapers
g	Total:	\$52,913,045	Sum of d to f

Source of Yellow-shaded Inputs
Incentives Worksheet, Section 1

Source of Yellow-shaded Inputs
Incentives Worksheet, Section 2
Incentives Worksheet, Section 2
Incentives Worksheet, Section 2

Note 3: PBOPs Exclusion Calculation

	<u>Amount</u>	<u>Note:</u>
a	Current Authorized PBOPs expense amount: \$18,219,000	See instruction #4
b	Prior Year Authorized PBOPs Expense Amount: \$40,171,333	
c	Prior Year FF1 PBOPs expense: \$18,219,000	
d	PBOPs Expense Exclusion: -\$21,952,333	c - b

Source of Yellow-shaded Inputs

- Authorized PBOPs Expense Amount during Prior Year
- SCE Records

A&G "Shareholder or Other Exclusions" workpapers

1) Shareholder Exclusions for A&G Accounts 920-935:

<u>Line</u>	<u>Account</u>	<u>Shareholder</u>	<u>Exclusion</u>	<u>Notes:</u>
1a	920	\$1,355,210		See ShareholderExclusions tab for detail
1b	921	\$8,822,816		See ShareholderExclusions tab for detail
1c	923	\$6,253,647		See ShareholderExclusions tab for detail
1d	926	-\$1,501,839		See ShareholderExclusions tab for detail
1e	928	\$1,757,200		See ShareholderExclusions tab for detail
1f	930.2	\$1,880,844		See ShareholderExclusions tab for detail
Total Shareholder:		\$18,567,877		

2) Other Exclusions for A&G Accounts 920-935:

The following additional items have been determined to be not appropriate for inclusion in transmission rates, and therefore have been excluded as "Other Exclusions" in Note 1 to Schedule 20, Column 1.

<u>Line</u>	<u>Account</u>	<u>Other</u>	<u>Exclusions</u>	<u>Item</u>
2a	920	\$361,765		Generation, Hydro, Nuclear, Solar, and SSID 100% CPUC costs
2b	920	\$778		Miscellaneous Charitable Donations
2c	920	\$312,199		Affiliate Charges
2d	921	-\$218,561		Generation, Hydro, FERC Licensing, Engineering, Power Procurement and Solar 100% CPUC costs
2e	923	\$2,484,472		Finance related Shareholder work
2f	923	\$165		SONGS outside services costs
2g	925	\$3,261,670		Nuclear General Functions and SONGS Settlement Costs
2h	925	-\$60,980		Claim reimbursement for 2011 and 2012 claims from insurer
2i	925	\$790,562		Base Revenue Requirement Balancing Account (BRRBA)
2j	926	\$5,000,856		Generation, Nuclear and Hydro 100% CPUC costs
2k	928	\$5,656,181		Energy Resource Recovery Account (ERRA)
2l	928	\$1,760,472		Public Purpose Programs Adjustment Mechanism (PPPAM)
2m	928	\$2,023,642		Litigation Cost Tracking Account (LCTA)
2n	930.2	\$12,104		Distribution Resources Plan Demonstration Balancing Account (DRPDBA)
2o	930.2	-\$413,522		Accounting Suspense
2p	930.2	-\$760,529		Provision for Doubtful Accounts
2q	930.2	\$13,341,707		Electric Program Investment Charge balancing acct. (EPICBA)
2r	930.2	\$4,087		Base Revenue Requirement Balancing Account (BRRBA) Distribution
2s	931	\$11,993,182		Nuclear expenses
2t	935	\$699,128		SSID 100% CPUC costs
Total Other:		\$46,249,378		

3) Order 668 Amount Transferred from O&M Accounts 569.

This amount of costs is transferred from O&M accounts 569.100, 569.200, and 569.300:

Transfer to A&G account 920: -\$37,524,555 -\$37,524,555

4) Total "Shareholder and Other" Input Exclusions for Column 1, Lines 24-37 of Schedule 20
 (In Formula Input Format)

<u>Line #</u>	<u>Acct.</u>	<u>Col 1 Shareholder or Other</u>	<u>Exclusions</u>	<u>Calculation</u>
24	920		\$39,554,507	Line 1a + 2a to 2c - 3
25	921		\$8,604,255	Line 1b+ 2d
26	922			
27	923		\$8,738,283	Line 1c + 2e + 2f
28	924			
29	925		\$3,991,252	Line 2g to 2i
30	926		\$3,499,016	Line 1d + 2j
31	927			
32	928		\$11,197,494	Line 1e + (2k to 2m)
33	929			
34	930.1			
35	930.2		\$14,064,692	Line 1f + (2n to 2r)
36	931		\$11,993,182	Line 2s
37	935		\$699,128	Line 2t
Total All "Shareholder or Other":			\$102,341,811	

A&G Incentive Compensation Adjustments Calculations

A) A&G Non-Officer Incentive Compensation (NOIC) Adjustments

(NOIC includes Short-Term Incentive Plan, Augmented Bonus, and Non-Officer Executive Incentive Compensation, as well as any plans which replace these).

1) Calculation of capitalized portion of NOIC costs in Account 920:

<u>Line</u>	<u>Item</u>	<u>Amount</u>	<u>Source or Calculation</u>	
1	Accrued NOIC	\$137,026,591	Included in Account 920	
2	Capitalization rate	39.8%	CPUC GRC Decision for Test Year	2015
3	Capitalized NOIC	\$54,536,583	L1 * L2	

2) Calculation of NOIC Payouts:

<u>Line</u>	<u>Actual NOIC Payout</u>	<u>Section 2, L7</u>	<u>Use appropriate Cap for applicable year</u>	<u>Settlement Cap Amount for 2018</u>
1	\$137,026,591			
2	\$107,449,628			
3	\$107,449,628			

<u>Business Unit</u>	<u>Actual Payout</u> A	<u>% of Total Payout</u> B = Col A / L7	<u>NOIC Payout to be</u>		
			<u>Recovered</u> C = Section 2, L3*B	<u>Allocated Capitalized NOIC</u> D = Section 1, L3 * B	<u>Non-Capitalized NOIC</u> E = C - D
4	A&G	\$45,578,695	33%	\$35,740,609	\$18,140,321
5	Other	\$22,128,417	16%	\$17,352,035	\$8,807,110
6	Trans. And Dist. Business Unit	\$69,319,479	51%	\$54,356,984	\$27,589,152
7	Totals	\$137,026,591	100%	\$107,449,628	\$52,913,045

Instruction for Lines 4-6, Column A: "Actual Payout" amount is to be the actual amount paid out in the Prior Year.

Actual non-capitalized NOIC Payouts

(In Formula Input Format for input to Schedule 20, Note 2)

	<u>Department</u>	<u>Amount</u>	<u>Source</u>
d	A&G	\$17,600,289	Line 4, column D above
e	Other	\$8,544,925	Line 5, column D above
f	Trans. And Dist. Business Unit	\$26,767,831	Line 6, column D above
	Total:	\$52,913,045	

B) A&G Officer Executive Incentive Compensation (OEIC) Adjustments

3) Calculation of capitalized portion of OEIC costs in Account 920:

<u>Line</u>	<u>Item</u>	<u>Amount</u>	<u>Source or Calculation</u>	
1	Accrued OEIC	\$4,051,761	Included in Account 920.	
2	Capitalization rate	39.8%	CPUC GRC Decision for test year:	
3	Capitalized OEIC	\$1,612,601	L1 * L2	2015

4) Calculation of OEIC Payouts:

<u>Line</u>				
1	Actual OEIC Payout	\$3,389,811	Section 4, L4	
2	Authorized OEIC Payout	\$3,128,607	Use appropriate Cap for applicable year	Settlement Cap Amount for 2018
3	OEIC Payout To Be Recovered	\$3,128,607	Lesser of Line 1 or Line 2	

<u>Business Unit</u>	<u>Actual Payout</u> A	<u>% of Total Payout</u> B	<u>OEIC Payout To Be</u>		
			<u>Recovered</u>	<u>Allocated Capitalized OEIC</u>	<u>Non-Capitalized OEIC</u>
2 A&G	\$3,389,811	100%	C = Section 4, L3 * B \$3,128,607	C = Section 3, L3 * B \$1,488,341	D = B - C \$1,640,266

Instruction for Line 2: "Actual Payout" amount is to be the actual amount paid out in the Prior Year.

C) A&G Long Term Incentive Compensation (LTI) Adjustments

5) Calculation of LTI Payouts:

<u>Line</u>			<u>Source or Calculation</u>	
1	Accrued LTI Payout	\$10,523,730	Included in Account 920.	
2	Authorized LTI Payout	\$0	Exclude 100%.	
3	LTI Payout To Be Recovered	\$0	Lesser of Line 1 or Line 2	

Note: LTI is not capitalized.

6) Calculation of SERP Expense:

<u>Line</u>	<u>Item</u>	<u>Amount</u>	<u>Source or Calculation</u>	
1	Accrued SERP	\$15,908,922	Included in Account 926.	
2	Capitalization rate	39.8%	CPUC GRC Decision for test year:	
3	Capitalized SERP	\$6,331,751	L1 * L2	2015

C) A&G Summary of Incentive Compensation Adjustment Calculations

7) Calculation of SERP Expense:

<u>Line</u>	<u>Source or Calculation</u>	
1 Actual SERP Expense	\$15,908,922 Section 7, L4	
2 Authorized SERP Expense	\$8,797,679 Use appropriate Cap for applicable year	Settlement Cap Amount for 2018
3 SERP Expense To Be Recovered	\$8,797,679 Lesser of Line 1 or Line 2	

<u>Business Unit</u>	<u>Actual Expense</u>	<u>% of Total Expense</u>	<u>SERP Expense To Be Recovered</u>	<u>Allocated Capitalized SERP</u>	<u>Non-Capitalized SERP</u>
	A	B	C = Section 7, L3 * B	D = Section 6, L3 * B	E = C - D
4 A&G	\$15,908,922	100%	\$8,797,679	\$6,331,751	\$2,465,928

D) Summary of Incentive Compensation Adjustment Calculations

8) Adjustments to Account 920:

<u>Line</u>	<u>Source</u>
1 Deduct Accrued OEIC	\$4,051,761 Section 3, L1
2 Add Non-Capitalized OEIC	-\$1,640,266 Section 4,L2, Col E (-) Section 4, L2, Col G
3 Excluded Accrued LTI	<u>\$10,523,730</u> Section 5, L1
4 Total	\$12,935,225

9) Adjustments to Account 922:

<u>Line</u>	<u>Source</u>
1 Deduct Capitalized NOIC	\$54,536,583 Section 1, L3
2 Deduct Capitalized OEIC	\$1,612,601 Section 3, L3
3 Deduct Capitalized SERP	\$6,331,751 Section 5,L3, Col.E
4 Total	\$62,480,935

10) Adjustments to Account 926:

<u>Line</u>	<u>Source</u>
1 Add Non-Capitalized SERP	-\$9,577,171 Section 6, L1, Col E - Section 6, L3, Col E
2 Exclude Accrued SERP	<u>\$15,908,922</u> Section 6, Line 1
3 Total	\$6,331,751

F) ACE and Spot Bonus Award Exclusions

11) ACE and Spot bonus Awards by A&G account

<u>Line</u>	<u>Acct.</u>	<u>ACE Awards</u>	<u>Spot Bonus</u>	<u>Total ACE and Spot Bonus Exclusions</u>
1	920	\$150,450	\$465,675	\$616,125
2	921			\$0
3	922			\$0
4	923		\$4,450	\$4,450
5	924			\$0
6	925			\$0
7	926	\$46,030	\$8,500	\$54,530
8	928			\$0
9	929			\$0
10	930.1			\$0
11	930.2			\$0
12	931			\$0
13	935			\$0
Total ACE and Spot:				\$675,105

D) Total All A&G Incentive Compensation Adjustments

12) Total Incentive Compensation Input Adjustments for Columns 1 and 3, Lines 24-37 of Schedule 20
 (In Formula Input Format)

<u>Line</u>	<u>Acct.</u>	<u>Adjustments</u>	<u>Source</u>	<u>Col 1</u>	<u>Col 3</u>	
				Shareholder Exclusions or Other	<u>NOIC</u>	<u>Source</u>
24	920	\$13,551,350	Sec. 8, L4		\$0	Not an input in formula
25	921				\$0	
26	922	-\$7,944,352	Sec. 7, L2 and L3 (enter neg)		-\$54,536,583	Sec. 1, L3 (enter negative)
27	923	\$4,450			\$0	
28	924				\$0	
29	925				\$0	
30	926	\$6,386,281	Sec. 8, L1 (enter neg) Not an input in formula		\$0	
31	927					Not an input in formula
32	928				\$0	
33	929				\$0	
34	930.1				\$0	
35	930.2				\$0	
36	931				\$0	
37	935				\$0	

Shareholder Exclusions in June 15, 2018 Draft Annual Update

Schedule 20, Lines 24-37, Column 1 for the following accounts:

Account	Amount	Title	Description
920	\$62,972	LAM Shareholder Licensing Activities-Eastern	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
920	\$974,867	LAM Shareholder Licensing Activities-Metro	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
920	\$240,336	LAM Shareholder Licensing Activities-Northern	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
920	\$41,317	Land Ops Mgmt Shareholder AG	Includes costs incurred by Real Properties for shareholder funded activities.
920	\$25,071	Right of Way Southern Region Shareholder	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
920	\$696	Law Shareholder Funded Activities	Includes labor and other expenses by Law for shareholder funded activities.
920	<u>\$9,952</u>	Finance Shareholder Funded Activities	Includes labor and other expenses by Finance for shareholder funded activities.
Total 920:	\$1,355,210		

Account	Amount	Title	Description
921	-\$672	Law and Finance Shareholder Funded A&G	Includes labor and non-labor related expenses by Law for shareholder funded activities.
921	\$61,697	LAM Shareholder Licensing Activities-Eastern	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
921	\$122,260	LAM Shareholder Licensing Activities-Northern	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
921	\$6,974,131	LAM Shareholder Licensing Activities-Metro	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
921	\$124,210	Land Ops Mgmt Shareholder AG	Includes costs incurred by Real Properties for shareholder funded activities.
921	\$1,994	RER Shareholder AG	Includes salaries and other expenses of Revenue Enhancement personnel for developing a division-wide revenue enhancement plan for shareholder funded activities. Activities include review of revenues derived from secondary land use for shareholder funded activities.
921	-\$13	ASD Shareholder Funded Activities	Includes labor and non-labor related expenses by Audit Services Division for shareholder funded activities.
921	<u>\$1,539,209</u>	Right of Way Southern Region Shareholder	Includes labor and other expenses associated with real estate licensing and leasing activities performed by Real Properties personnel for shareholder funded activities.
Total 921:	\$8,822,816		

Account	Amount	Title	Description
923	\$6,059,957	EIX Costs	Removes certain EIX costs not recoverable from ratepayers
923	<u>\$193,689</u>	Outside Services	Removes shareholder outside services costs
Total 923:	\$6,253,647		

<u>Account</u>	<u>Amount</u>	<u>Title</u>	<u>Description</u>
926	\$211,957	Fitness Center Expenses	Includes labor and non-labor costs supporting the Company Fitness Center, as well as removes a credit associated with dues paid by members.
926	\$572,488	Employee Recognition, Tenure, and Service Awards	Includes company expenses related to anniversary awards, service pins, and other costs incurred in connection with employee welfare activities not otherwise included in a specific final cost center.
926	\$103,641	Diamond Club	Company cost to support quarterly meetings for retiree and employees with 25+ years of service.
926	\$6,493	Humanitarian Award Program	Company cost to provide recognition of employees who provided a life saving action.
926	\$1,073	Miscellaneous	Includes adjusting entries and miscellaneous corrections.
926	<u>-\$2,397,490</u>	Executive Benefits Adjustment	Removes executive benefit credits not related to Executive Retirement Plan
Total 926:	-\$1,501,839		

<u>Account</u>	<u>Amount</u>	<u>Title</u>	<u>Description</u>
928	\$ 1,757,200	SONGS Outside Services Costs	Removes costs associated with outside services related to San Onofre Generating Station
Total 928:	\$1,757,200		

<u>Account</u>	<u>Amount</u>	<u>Title</u>	<u>Description</u>
930.2	<u>\$1,880,844</u>	General Function - Controllers	Miscellaneous Controllers Department General Function
Total 930.2:	\$1,880,844		
Total All	\$18,567,877		

If there are multiple items in an account, add sub lines for each excluded item

FERC Form 1 Pg. 335 Line #	Description	FERC Form 1 Amount	Included	Excluded	Formula References
1	Industry Association Dues	\$2,098,640	\$2,098,640		Sch. 20, Line 35
2	Nuclear Power Research Expenses			\$0	
3	Other Experimental and General Research Expenses	\$13,353,811	\$0	\$13,353,811	Sch. 20, Line 35
4	Pub & Dist Info to Stkhldr...expn servicing outstanding Securities	\$652,121	\$652,121	\$0	
5	Other Expn >=\$5,000 show purpose, receipt, amount. Group if < \$5,000				
6	Credit Line Fees / Bank Charges	\$3,987,169	\$3,987,169	\$0	
7	Directors' Fees and Expenses	\$3,393,013	\$3,393,013	\$0	
8	Periodic SEC Reports	\$508,761	\$508,761	\$0	
9	Planning and Development of Communication Systems	\$1,704,316	\$1,704,316	\$0	
10	Provision for Doubtful Accounts - Non-Energy Billings	-\$760,529	\$0	-\$760,529	Sch. 20, Line 35
11	Vendor Discounts	-\$14,286,012	-\$14,286,012	\$0	
12	Accounting Suspense	-\$413,522	\$0	-\$413,522	Sch. 20, Line 35
13	Miscellaneous	\$1,892,827	\$11,983	\$1,880,844	Sch. 20, Line 35
14					
16	Administrative and General Expense Charged or Paid to Others	\$11,760,165	\$11,760,165	\$0	Sch. 20, Line 35
46	Total	\$23,890,760	\$9,830,156	\$14,060,605	