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DOCKET NO.

51554

PETITION OF AEP TEXAS INC. FOR
ADMINISTRATIVE APPROVAL OF
TRANSMISSION COST RECOVERY
FACTOR UPDATE

PUBLIC UTILITY COMMISSION

OF TEXAS

AEP TEXAS INC.'S PETITION
FOR ADMINISTRATIVE APPROVAL OF
TRANSMISSION COST RECOVERY FACTOR UPDATE

AEP Texas Inc. ("AEP Texas") requests administrative approval of an update to its transmission cost recovery factor ("TCRF") under 16 Texas Administrative Code ("TAC") § 25.193 and respectfully shows as follows:

I. Jurisdiction

AEP Texas is a public utility as that term is defined in Public Utility Regulatory Act ("PURA")¹ § 11.004(1), an electric utility as that term is defined in PURA § 31.002(6), and a transmission and distribution utility as that term is defined in PURA § 31.002(19). AEP Texas' business address is 539 North Carancahua Street, Corpus Christi, Texas 78401. The Public Utility Commission of Texas ("Commission") has jurisdiction over this filing under PURA §§ 32.001 and 32.101 and 16 TAC § 25.193.

II. Authorized Representatives

AEP Texas' authorized business and legal representatives are:

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Regulatory Consultant
AEP Texas Inc.
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American Electric Power Service Corporation
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AEP Texas requests that all information, pleadings, and other documents in this matter be served on each of the persons above as well as emailed to aepaustintx@aep.com.

¹ Tex. Util. Code Ann. §§ 11.001 – 66.016 (West).

III. Affected Persons

The relief requested in this filing affects all retail electric providers (“REPs”) serving end-use retail electric customers in AEP Texas’ certificated service territory and will affect the retail electric customers of those REPs.

IV. Background and Description of Filing

AEP Texas is a transmission and distribution utility providing delivery service pursuant to tariffs duly filed with and approved by the Commission. Those tariffs each contain a Schedule TCRF found in Section 6.1.1.4.1, which authorize AEP Texas to assess Retail Electric Providers (“REPs”), on behalf of retail customers, a nonbypassable transmission service charge adjustment necessitated by a change in a transmission service provider’s (“TSP”) wholesale transmission rate. The actual factors are found in Section 6.1.1.4.1.1, Rider TCRF. Pursuant to 16 TAC § 25.193(b), AEP Texas is authorized to update its TCRF on March 1 and September 1 of each year in order to pass through changes in wholesale transmission costs that are billed by TSPs to distribution service providers (“DSPs”) such as AEP Texas. Consistent with the Order in AEP Texas’ last rate case, Docket No. 49494, all of AEP Texas’ transmission costs are recovered through the TCRF Rider.²

Effective December 31, 2016, AEP Texas Central Company (“TCC”) and AEP Texas North Company (“TNC”) were merged into their parent company, now called AEP Texas. The merger was approved by the Commission in Docket No. 46050, *Application of AEP Texas Central Company, AEP Texas North Company, and AEP Utilities, Inc. for Approval of Merger*. The Commission ordered AEP Texas to “maintain separate TCC and TNC divisions, which will continue to charge separate rates and riders, and maintain separate tariffs, unless and until such time as the Commission may consider and approve consolidated rates and tariffs.”³ Consistent with the Commission’s order, AEP Texas maintained two divisions within AEP Texas: AEP Texas — Central Division (formerly TCC) and AEP Texas — North Division (formerly TNC) until the Commission ordered consolidation of AEP Texas’ TCRF in its last rate case, Docket No. 49494. In compliance with that order, AEP Texas filed a combined compliance TCRF incorporating the

² *Application of AEP Texas Inc. for Authority to Change Rates*, Docket No. 49494, Order at Finding of Fact No. 97 (Apr. 3, 2020).

³ Docket No. 46050, *Application of AEP Texas Central Company, AEP Texas North Company, and AEP Utilities, Inc for Approval of Merger*, Final Order at Ordering Paragraph No. 2 (Dec. 12, 2016).

March 2020 approved matrix.⁴ Therefore, this filing seeks approval of updates to the combined TCRF of AEP Texas.

The total annual TCRF expense for the period of May 2020 through October 2020 is \$358,239,569. However, in the settlement of Docket No. 49494, AEP Texas agreed to provide its former north division transmission class a credit to be funded by AEP Texas that is equal to \$300,000 per year for two years. The credit is to be a \$150,000 credit included in AEP Texas' TCRF filing made twice per year.⁵ The credit was approved in Docket No. 49494 as Section 6.1.1.4.9, Rider TNTC — Texas North Transmission Credit.

In this filing, AEP Texas seeks administrative approval of TCRF prices for the changes in wholesale transmission costs that have been approved by the Commission, as shown in Attachment A. The analyses and calculations performed in developing the TCRF are also contained in Attachment A. AEP Texas is also providing files that show the TCRF adjustment determination for each division (Attachments B and C). Because AEP Texas had base rate amounts for the month of May 2020, the TCRF adjustment (prior period true up) is performed for each division by class and then added together by class to determine the AEP Texas combined adjustments for each class. The electronic version of these three attachments are being provided with this filing. The revised Tariff section 6.1.1.4.1.1, Rider TCRF, reflecting the updated charges requested by AEP Texas is provided as Attachment D. The revised Tariff section 6.1.1.4.9, Rider TNTC, reflecting the updated credit is provided as Attachment E.

AEP Texas requests that the updated Rider TCRF and Rider TNTC become effective for invoices to REPs on and after March 1, 2021, pursuant to 16 TAC § 25.103(b).

V. Processing

Under 16 TAC § 25.193, within 45 days after a DSP files a request to update its TCRF, the Commission shall issue an order establishing the amount of the revised TCRF and suspend the effective date of the revised TCRF as necessary so that the new TCRF charges will take effect on March 1, 2021. In accordance with this provision, AEP Texas requests administrative approval of this petition.

⁴ Docket No. 49494, Order at 12 and AEP Texas Tariff Filing in Compliance with PUC Order (Apr. 21, 2020).

⁵ Docket No. 49494, Order at Ordering Paragraph No. 13.

To the extent that this petition is contested in a manner that will not allow for the implementation of AEP Texas' updated TCRF by March 1, 2021, AEP Texas respectfully requests the opportunity for hearing, pursuant to 16 TAC § 22.125(c) to establish that good cause exists for the Commission to grant interim relief in this proceeding. In such event, AEP Texas further requests expedited treatment of this petition to allow the Commission to issue a final order before the requested March 1, 2021 effective date.

VI. Notice

AEP Texas will provide a copy of this petition, with the notice of filing provided as Attachment F, to each REP registered to provide service in Texas.

VII. Conclusion and Prayer

AEP Texas respectfully requests administrative approval of the TCRF and Rider TNTC adjustments as reflected on Attachments D and E, effective for billings on and after March 1, 2021, and any other relief to which it may be justly entitled.

RESPECTFULLY SUBMITTED,

/s/ Leila Melhem

AMERICAN ELECTRIC POWER SERVICE
CORPORATION

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ATTORNEYS FOR AEP TEXAS INC.

Certificate of Service

I certify that on November 24, 2020, a true and correct copy of this petition was filed with the Commission through the Interchange on the Commission's website in accordance with the Commission's Second Order Suspending Rules issued on July 16, 2020, in Project No. 50664.

/s/ Leila Melhem

AEP Texas Inc
Semi-Annual TCRF Update
March 2021

AEPTX March 2021 TCRF Update - Attachment A
TCRF Revenue

AEP Texas TCRF Calculation By Class

March 2021 TCRF Update

Semi-Annual Updated Revenue Requirement - (NWTR - BWTR)/2 \$179,119,785

Estimated Revenue By Rate Class

Class Description	TCRF Class Allocation %	Semi-Annual TCRF	Adjustment to TCRF	Total TCRF Update March 2021	Type of Billing Determinant	March - August Determinants	Price Per Unit	TCRF Revenue
Residential	47.309%	\$84,739,714	(\$13,724,409)	\$71,015,306	kWh	6,473,027,772	\$0.010971	\$71,015,588
Secondary Less Than or Equal to 10 kW	1.704%	\$3,051,516	(\$182,192)	\$2,869,324	kWh	454,770,878	\$0.006309	\$2,869,149
Secondary Greater Than 10 kW								
4CP	3.152%	\$5,645,278	\$38,829	\$5,684,107	Avg 4CP	1,175,448	\$4.835695	\$5,684,107
NCP	28.071%	\$50,281,136	\$5,092,850	\$55,373,986	Monthly Max kW	13,033,865	\$4.248470	\$55,373,986
Primary Service								
4CP	9.803%	\$17,559,081	\$514,258	\$18,073,339	Avg 4CP	3,527,564	\$5.123462	\$18,073,339
NCP	0.654%	\$1,171,952	\$114,867	\$1,286,818	Monthly Max kW	365,669	\$3.519083	\$1,286,818
Transmission Service	9.307%	\$16,671,107	\$402,839	\$17,073,946	Avg 4CP	3,678,309	\$4.641792	\$17,073,945
Total		\$179,119,785	(\$7,742,959)	\$171,376,826				\$171,376,932

Allocation table based on the Docket No 49494 transmission allocator

Unadjusted, unscaled, 15-minute 4CP allocator

AEP TX North Division Transmission Credit Settlement*	(\$150,000)
North Division Transmission March - Aug Determinants	286,756.30
AEP TX North Division Rider TNTC Credit per 4CP kW	(\$0.52)

*Docket No 49494 \$300,000 per year or \$150,000 per TCRF update - 4X

AEP Texas Inc
Semi-Annual TCRF Update
March 2021

AEPTX March 2021 TCRF Update - Attachment A

TSP WTR

AEP Texas

Docket No 50333
2020 4CP Update
6,157,859 097

Line Number (a)	Effective Date (b)	Company (c)	Docket (d)	Base Rate Per kW (e)	New Rate Per kW (f)	Company Peak (g)	Annual TCRF Expense (h) = (f)*(g)	Semi-Annual TCRF Revenue (i) = (h)/2	NWTR (j) = (f)*(g)	BWTR (k) = (e)*(g)	Change (l) = (j)-(k)
1	10/28/2020	AEP Texas	51231	0 000	7 185024000	6,157,859 10	\$44,244,365	\$22,122,183	\$44,244,365	\$0	\$44,244,365
2	7/2/2018	Austin Energy	48352	0 000	1 187214000	6,157,859 10	\$7,310,697	\$3,655,348	\$7,310,697	\$0	\$7,310,697
3	1/7/2020	Bandera Electric Coop	50189	0 000	0 060755000	6,157,859 10	\$374,121	\$187,060	\$374,121	\$0	\$374,121
4	10/6/2020	Brazos	51019	0 000	1 889953700	6,157,859 10	\$11,638,069	\$5,819,034	\$11,638,069	\$0	\$11,638,069
5	3/25/2011	Brownsville Public Utilities Board	38556	0 000	0 097000000	6,157,859 10	\$597,312	\$298,656	\$597,312	\$0	\$597,312
6	4/24/2018	Bryan Texas Utilities	48123	0 000	0 441779000	6,157,859 10	\$2,720,413	\$1,360,206	\$2,720,413	\$0	\$2,720,413
7	9/17/2020	CenterPoint	51106	0 000	5 451252000	6,157,859 10	\$33,568,042	\$16,784,021	\$33,568,042	\$0	\$33,568,042
8	5/21/2009	Cherokee County Electric Coop	36668	0 000	0 005010000	6,157,859 10	\$30,851	\$15,425	\$30,851	\$0	\$30,851
9	3/17/2017	City of College Station	46847	0 000	0 055256400	6,157,859 10	\$340,261	\$170,131	\$340,261	\$0	\$340,261
10	8/25/2020	City of Garland	50880	0 000	0 835363000	6,157,859 10	\$5,144,048	\$2,572,024	\$5,144,048	\$0	\$5,144,048
11	7/6/2018	Cross Texas Transmission, LLC	48369	0 000	1 107250000	6,157,859 10	\$6,818,289	\$3,409,145	\$6,818,289	\$0	\$6,818,289
12	5/21/2009	Deep East Texas	36762	0 000	0 001710000	6,157,859 10	\$10,530	\$5,265	\$10,530	\$0	\$10,530
13	11/18/2020	Denton (DMEX)	51345	0 000	0 757853000	6,157,859 10	\$4,666,752	\$2,333,376	\$4,666,752	\$0	\$4,666,752
14	7/8/1997	East Texas Electric Coop	15843	0 000	0 001605090	6,157,859 10	\$9,889	\$4,944	\$9,889	\$0	\$9,889
15	6/21/2018	ETT	48340	0 000	4 525890000	6,157,859 10	\$27,869,793	\$13,934,896	\$27,869,793	\$0	\$27,869,793
16	1/21/2020	Fannin County	50218	0 000	0 002192000	6,157,859 10	\$13,498	\$6,749	\$13,498	\$0	\$13,498
17	12/14/2017	Farmers Electric Coop	47470/47370	0 000	0 009901000	6,157,859 10	\$60,969	\$30,484	\$60,969	\$0	\$60,969
18	8/27/2020	Floresville Elec Power System	50205	0 000	0 006443000	6,157,859 10	\$39,675	\$19,383	\$39,675	\$0	\$39,675
19	9/11/2014	GEUS	42581	0 000	0 036030000	6,157,859 10	\$221,868	\$110,934	\$221,868	\$0	\$221,868
20	4/4/2019	Golden Spread	48500	0 000	0 035250000	6,157,859 10	\$217,065	\$108,532	\$217,065	\$0	\$217,065
21	8/27/2009	Grayson-Collin Electric Coop	36984	0 000	0 020963900	6,157,859 10	\$129,093	\$64,546	\$129,093	\$0	\$129,093
22	10/30/2020	Houston County Electric Coop	51195	0 000	0 019677000	6,157,859 10	\$121,168	\$60,584	\$121,168	\$0	\$121,168
23	4/17/2020	Lamar County Electric Coop	50036	0 000	0 004135000	6,157,859 10	\$25,463	\$12,731	\$25,463	\$0	\$25,463
24	11/10/2020	LCRA	51375	0 000	7 257553600	6,157,859 10	\$44,690,992	\$22,345,496	\$44,690,992	\$0	\$44,690,992
25	9/12/2014	Lone Star Transmission, LLC	42469	0 000	1 569696000	6,157,859 10	\$9,665,967	\$4,832,983	\$9,665,967	\$0	\$9,665,967
26	11/4/2019	Lyntegar Electric Coop	49943	0 000	0 011365000	6,157,859 10	\$69,984	\$34,992	\$69,984	\$0	\$69,984
27	9/8/2020	ONCOR	51115	0 000	14 996463301	6,157,859 10	\$92,346,108	\$46,173,054	\$92,346,108	\$0	\$92,346,108
28	5/17/2019	ONCOR North Texas Utilities	48929/49519	0 000	3 226341000	6,157,859 10	\$19,867,353	\$9,933,677	\$19,867,353	\$0	\$19,867,353
29	4/13/2020	Rayburn Country	50539	0 000	0 330116100	6,157,859 10	\$2,032,808	\$1,016,404	\$2,032,808	\$0	\$2,032,808
30	10/14/2005	Rio Grande Electric Coop	31250	0 000	0 004430000	6,157,859 10	\$27,279	\$13,640	\$27,279	\$0	\$27,279
31	7/23/2014	San Antonio - CPS	42579	0 000	2 597091000	6,157,859 10	\$15,992,520	\$7,996,260	\$15,992,520	\$0	\$15,992,520
32	6/1/2020	San Bernard Electric	50732	0 000	0 057070000	6,157,859 10	\$351,429	\$175,715	\$351,429	\$0	\$351,429
33	10/30/2019	San Miguel Electric Coop	49900	0 000	0 020501000	6,157,859 10	\$126,242	\$63,121	\$126,242	\$0	\$126,242
34	6/17/2020	Sharyland Utilities, L P	50801	0 000	0 532066000	6,157,859 10	\$3,276,387	\$1,638,194	\$3,276,387	\$0	\$3,276,387
35	1/3/2020	Southwest Texas Electric Coop	50201	0 000	0 000951000	6,157,859 10	\$5,856	\$2,928	\$5,856	\$0	\$5,856
36	1/7/2020	STEC	50174	0 000	1 235536000	6,157,859 10	\$7,608,257	\$3,804,128	\$7,608,257	\$0	\$7,608,257
37	11/5/2009	TMPA	37404	0 000	0 663267000	6,157,859 10	\$4,084,305	\$2,042,152	\$4,084,305	\$0	\$4,084,305
38	10/7/2020	TNMP	51107	0 000	1 171662000	6,157,859 10	\$7,214,930	\$3,607,465	\$7,214,930	\$0	\$7,214,930
39	2/4/2019	Trinity Valley Electric Coop	48828	0 000	0 010713000	6,157,859 10	\$65,969	\$32,985	\$65,969	\$0	\$65,969
40	9/25/2015	Wind Energy Transmission Texas, LLC	47474	0 000	1 809540000	6,157,859 10	\$11,142,892	\$5,571,446	\$11,142,892	\$0	\$11,142,892
41	8/4/2011	Wood County (initial TCOS filing)	39290	0 000	0 002586000	6,157,859 10	\$15,924	\$7,962	\$15,924	\$0	\$15,924
42	Subtotals Wholesale Transmission Service Costs Not In Base Rates				59 234455910		\$364,757,433	\$182,378,717	\$364,757,433	\$0	\$364,757,433
43	<u>Rate Case & Other Expenses</u>										
44	12/8/2016	Lone Star WTS Credit	46585	0 000	(0 090859000)	6,157,859 10	(\$559,497)	(\$279,748)	(\$559,497)	\$0	(\$559,497)
45	5/1/2018	Lonestar TCR	48101	0 000	(0 109969000)	6,157,859 10	(\$677,174)	(\$338,587)	(\$677,174)	\$0	(\$677,174)
46	10/10/2019	WETT - WTS Credit Rider	48874	0 000	(0 236887000)	6,157,859 10	(\$1,458,717)	(\$729,358)	(\$1,458,717)	\$0	(\$1,458,717)
47	4/1/2018	WETT - Tax Rate Change Rider	48127	0 000	(0 143637000)	6,157,859 10	(\$884,496)	(\$442,248)	(\$884,496)	\$0	(\$884,496)
48	1/6/2020	Rayburn Country Credit Rider 5 Years	49921/49051	0 000	(0 064870500)	5,898,478 60	(\$382,637)	(\$191,319)	(\$382,637)	\$0	(\$382,637)
49	3/1/2020	TNMP RCE (3 years)	48591	0 000	0 002810000	6,157,859 10	\$17,304	\$8,652	\$17,304	\$0	\$17,304
50	5/1/2020	Centerpoint UEDIT Credit	49421	0 000	(0 136560000)	5,898,478 60	(\$805,496)	(\$402,748)	(\$805,496)	\$0	(\$805,496)
51	5/1/2020	Lamar County Electric Coop	50036	0 000	0 001178070	5,898,478 60	\$6,949	\$3,474	\$6,949	\$0	\$6,949
52	5/29/2020	AEP Texas Rider CRR	49494	0 000	(0 288313000)	5,898,478 60	(\$1,700,608)	(\$850,304)	(\$1,700,608)	\$0	(\$1,700,608)
53	8/27/2020	Floresville Elec Power System RCE	50205	0 000	0 001584000	5,898,478 60	\$9,343	\$4,672	\$9,343	\$0	\$9,343
54	10/1/2020	LCRA (Fayette RCE)	50204	0 000	0 000664200	5,898,478 60	\$3,918	\$1,959	\$3,918	\$0	\$3,918
55	10/30/2020	East Texas Electric Credit Rider	50295	0 000	(0 014088000)	6,157,859 10	(\$86,752)	(\$43,376)	(\$86,752)	\$0	(\$86,752)
56	Total Wholesale Transmission Service Costs and Rate Case and Other Expenses Not In Base Rates						\$358,239,569	\$179,119,785	\$358,239,569	\$0	\$358,239,569

AEP Texas Inc
Semi-Annual TCRF Update
March 2021

AEPTX March 2021 TCRF Update - Attachment A
Total Class Data

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Total Class Data

Line	Description	May	June	July	August	September	October	Total
1	Period (p)	1	2	3	4	5	6	
2	TCRF Expense Not in Base	\$18,192,405	\$26,096,163	\$28,267,418	\$28,852,920	\$29,266,041	\$29,581,070	\$160,256,016
3	Class Allocation Factor	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4	Class TCRF Not in Base	\$18,192,405	\$26,096,163	\$28,267,418	\$28,852,920	\$29,266,041	\$29,581,070	\$160,256,016
5	Class TCRF Revenue	\$14,598,939	\$25,966,082	\$29,380,887	\$28,661,960	\$36,342,082	\$31,468,885	\$166,418,834
6	ADJP1	\$0	\$0	\$0	\$0	\$2,437,699	\$2,437,699	\$4,875,398
7	ADJP2	-\$1,613,885	-\$1,613,885	-\$1,613,885	-\$1,613,885	\$0	\$0	-\$6,455,539
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$16,212,823	\$27,579,966	\$30,994,772	\$30,275,845	\$33,904,383	\$29,031,186	\$167,998,975
9	Under/(Over) Recovery	\$1,979,581	(\$1,483,803)	(\$2,727,354)	(\$1,422,925)	(\$4,638,343)	\$549,884	-\$7,742,959
10	Cummulative Under/(Over) Recovery	\$1,979,581	\$495,778	(\$2,231,576)	(\$3,654,500)	(\$8,292,843)	(\$7,742,959)	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

May information accumulated by Division

June 2020 begins Docket No. 49494 class allocation factors

June 2020 begins full transmission cost recovery through the TCRF

AEP Texas Inc
Semi-Annual TCRF Update
March 2021

AEPTX March 2021 TCRF Update - Attachment A
Residential

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Residential

Line	Description	May	June	July	August	September	October	Total
1	Period (p)	1	2	3	4	5	6	
2	TCRF Expense Not in Base	\$18,192,405	\$26,096,163	\$28,267,418	\$28,852,920	\$29,266,041	\$29,581,070	\$160,256,016
3	Class Allocation Factor		47.31%	47.31%	47.31%	47.31%	47.31%	47.31%
4	Class TCRF Not in Base	\$8,566,298	\$12,345,824	\$13,373,023	\$13,650,018	\$13,845,461	\$13,994,498	\$75,775,121
5	Class TCRF Revenue	6,473,006	13,086,006	15,314,443	15,255,429	20,942,463	16,397,068	87,468,415
6	ADJP1	\$0	\$0	\$0	\$0	\$1,798,149	\$1,798,149	\$3,596,298
7	ADJP2	(\$1,406,853)	(\$1,406,853)	(\$1,406,853)	(\$1,406,853)	\$0	\$0	-\$5,627,412
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$7,879,859	\$14,492,859	\$16,721,296	\$16,662,282	\$19,144,314	\$14,598,919	\$89,499,530
9	Under/(Over) Recovery	\$686,439	(\$2,147,035)	(\$3,348,274)	(\$3,012,265)	(\$5,298,854)	(\$604,421)	(\$13,724,409)
10	Cummulative Under/(Over) Recovery	\$686,439	(\$1,460,596)	(\$4,808,869)	(\$7,821,134)	(\$13,119,988)	(\$13,724,409)	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

May information accumulated by Division

June 2020 begins Docket No. 49494 class allocation factors

June 2020 begins full transmission cost recovery through the TCRF

AEP Texas Inc
Semi-Annual TCRF Update
March 2021

AEPTX March 2021 TCRF Update - Attachment A
Secondary <=10kW

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Secondary <= 10 kW

Line	Description	May	June	July	August	September	October	Total
1	Period (p)	1	2	3	4	5	6	
2	TCRF Expense Not in Base	\$18,192,405	\$26,096,163	\$28,267,418	\$28,852,920	\$29,266,041	\$29,581,070	\$160,256,016
3	Class Allocation Factor		1.70%	1.70%	1.70%	1.70%	1.70%	1.70%
4	Class TCRF Not in Base	\$352,400	\$444,579	\$481,569	\$491,543	\$498,581	\$503,948	\$2,772,620
5	Class TCRF Revenue	302,251.99	462,257.36	509,855.42	508,361.48	571,845.42	530,331.28	\$2,884,903
6	ADJP1	\$0	\$0	\$0	\$0	\$16,593	\$16,593	\$33,185
7	ADJP2	(\$25,774)	(\$25,774)	(\$25,774)	(\$25,774)	\$0	\$0	(\$103,095)
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$328,026	\$488,031	\$535,629	\$534,135	\$555,253	\$513,739	\$2,954,813
9	Under/(Over) Recovery	\$24,374	(\$43,452)	(\$54,061)	(\$42,592)	(\$56,671)	(\$9,790)	(\$182,192)
10	Cummulative Under/(Over) Recovery	\$24,374	(\$19,079)	(\$73,139)	(\$115,731)	(\$172,402)	(\$182,192)	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

May information accumulated by Division

June 2020 begins Docket No. 49494 class allocation factors

June 2020 begins full transmission cost recovery through the TCRF

AEP Texas Inc
Semi-Annual TCRF Update
March 2021

AEPTX March 2021 TCRF Update - Attachment A
Secondary>10kW4CP

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Secondary > 10 kW 4CP

Line	Description	May	June	July	August	September	October	Total
1	Period (p)	1	2	3	4	5	6	
2	TCRF Expense Not in Base	\$18,192,405	\$26,096,163	\$28,267,418	\$28,852,920	\$29,266,041	\$29,581,070	\$160,256,016
3	Class Allocation Factor	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%	3.15%
4	Class TCRF Not in Base	\$501,829	\$822,467	\$890,898	\$909,351	\$922,371	\$932,300	\$4,979,216
5	Class TCRF Revenue	515,869.51	751,301.76	880,510.90	888,833.99	936,194.33	931,316.90	\$4,904,027
6	ADJP1	\$0	\$0	\$0	\$0	-\$13,052	-\$13,052	-\$26,104
7	ADJP2	-\$2,564	-\$2,564	-\$2,564	-\$2,564	\$0	\$0	-\$10,255
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$518,433	\$753,866	\$883,075	\$891,398	\$949,246	\$944,369	\$4,940,386
9	Under/(Over) Recovery	-\$16,605	\$68,601	\$7,823	\$17,953	-\$26,875	-\$12,069	\$38,829
10	Cummulative Under/(Over) Recovery	(\$16,605)	\$51,996	\$59,820	\$77,773	\$50,898	\$38,829	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

May information accumulated by Division

June 2020 begins Docket No. 49494 class allocation factors

June 2020 begins full transmission cost recovery through the TCRF

AEP Texas Inc
Semi-Annual TCRF Update
March 2021

AEPTX March 2021 TCRF Update - Attachment A
Secondary>10kWNCP

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Secondary > 10 kW NCP

Line	Description	May	June	July	August	September	October	Total
		1	2	3	4	5	6	
1	Period (p)							
2	TCRF Expense Not in Base	\$18,192,405	\$26,096,163	\$28,267,418	\$28,852,920	\$29,266,041	\$29,581,070	\$160,256,016
3	Class Allocation Factor	28.07%	28.07%	28.07%	28.07%	28.07%	28.07%	28.07%
4	Class TCRF Not in Base	\$5,372,108	\$7,325,515	\$7,935,013	\$8,099,371	\$8,215,339	\$8,303,772	\$45,251,119
5	Class TCRF Revenue	4,322,306.12	6,861,988.46	7,050,936.59	7,145,918.52	8,154,173.03	7,819,793.85	\$41,355,117
6	ADJP1	\$0	\$0	\$0	\$0	\$522,577	\$522,577	\$1,045,154
7	ADJP2	\$37,923	\$37,923	\$37,923	\$37,923	\$0	\$0	\$151,694
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$4,284,383	\$6,824,065	\$7,013,013	\$7,107,995	\$7,631,596	\$7,297,217	\$40,158,269
9	Under/(Over) Recovery	\$1,087,726	\$501,450	\$922,000	\$991,376	\$583,743	\$1,006,555	\$5,092,850
10	Cummulative Under/(Over) Recovery	\$1,087,726	\$1,589,176	\$2,511,176	\$3,502,552	\$4,086,295	\$5,092,850	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

May information accumulated by Division

June 2020 begins Docket No. 49494 class allocation factors

June 2020 begins full transmission cost recovery through the TCRF

AEP Texas Inc
Semi-Annual TCRF Update
March 2021

AEPTX March 2021 TCRF Update - Attachment A
Primary4CP

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Primary 4CP

Line	Description	May	June	July	August	September	October	Total
		1	2	3	4	5	6	
1	Period (p)							
2	TCRF Expense Not in Base	\$18,192,405	\$26,096,163	\$28,267,418	\$28,852,920	\$29,266,041	\$29,581,070	\$160,256,016
3	Class Allocation Factor		9.80%	9.80%	9.80%	9.80%	9.80%	9.80%
4	Class TCRF Not in Base	\$1,864,963	\$2,558,202	\$2,771,050	\$2,828,447	\$2,868,945	\$2,899,827	\$15,791,434
5	Class TCRF Revenue	1,737,555.14	2,590,363.91	2,612,233.89	2,619,497.72	2,837,957.87	2,918,646.41	\$15,316,255
6	ADJP1	\$0	\$0	\$0	\$0	\$62,570	\$62,570	\$125,141
7	ADJP2	-\$21,515	-\$21,515	-\$21,515	-\$21,515	\$0	\$0	-\$86,062
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$1,759,071	\$2,611,879	\$2,633,749	\$2,641,013	\$2,775,387	\$2,856,076	\$15,277,176
9	Under/(Over) Recovery	\$105,893	-\$53,677	\$137,301	\$187,434	\$93,557	\$43,751	\$514,258
10	Cummulative Under/(Over) Recovery	\$105,893	\$52,215	\$189,516	\$376,950	\$470,507	\$514,258	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

May information accumulated by Division

June 2020 begins Docket No. 49494 class allocation factors

June 2020 begins full transmission cost recovery through the TCRF

AEP Texas Inc
Semi-Annual TCRF Update
March 2021

AEPTX March 2021 TCRF Update - Attachment A
PrimaryNCP

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Primary NCP

Line	Description	May	June	July	August	September	October	Total
1	Period (p)	1	2	3	4	5	6	
2	TCRF Expense Not in Base	\$18,192,405	\$26,096,163	\$28,267,418	\$28,852,920	\$29,266,041	\$29,581,070	\$160,256,016
3	Class Allocation Factor	0.65%		0.65%	0.65%	0.65%	0.65%	0.65%
4	Class TCRF Not in Base	\$178,855	\$170,743	\$184,949	\$188,780	\$191,483	\$193,544	\$1,108,354
5	Class TCRF Revenue	182,736.42	178,621.64	181,540.49	172,014.08	174,818.00	165,500.29	\$1,055,231
6	ADJP1	\$0	\$0	\$0	\$0	\$17,334	\$17,334	\$34,669
7	ADJP2	\$6,769	\$6,769	\$6,769	\$6,769	\$0	\$0	\$27,075
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$175,968	\$171,853	\$174,772	\$165,245	\$157,484	\$148,166	\$993,487
9	Under/(Over) Recovery	\$2,887	(\$1,110)	\$10,177	\$23,535	\$33,999	\$45,378	\$114,867
10	Cummulative Under/(Over) Recovery	\$2,887	\$1,777	\$11,955	\$35,489	\$69,489	\$114,867	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

May information accumulated by Division

June 2020 begins Docket No. 49494 class allocation factors

June 2020 begins full transmission cost recovery through the TCRF

AEP Texas Inc
Semi-Annual TCRF Update
March 2021

AEPTX March 2021 TCRF Update - Attachment A
Transmission

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Transmission

Line	Description	May	June	July	August	September	October	Total
1	Period (p)	1	2	3	4	5	6	
2	TCRF Expense Not in Base	\$18,192,405	\$26,096,163	\$28,267,418	\$28,852,920	\$29,266,041	\$29,581,070	\$160,256,016
3	Class Allocation Factor	9.31%	9.31%	9.31%	9.31%	9.31%	9.31%	9.31%
4	Class TCRF Not in Base	\$1,355,952	\$2,428,832	\$2,630,916	\$2,685,410	\$2,723,861	\$2,753,181	\$14,578,153
5	Class TCRF Revenue	1,065,213.35	2,035,542.74	2,831,366.62	2,071,905.07	2,724,630.30	2,706,228.29	\$13,434,886
6	ADJP1	\$0	\$0	\$0	\$0	\$33,527	\$33,527	\$67,054
7	ADJP2	(\$201,871)	(\$201,871)	(\$201,871)	(\$201,871)	\$0	\$0	(\$807,482)
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$1,267,084	\$2,237,413	\$3,033,237	\$2,273,776	\$2,691,103	\$2,672,701	\$14,175,314
9	Under/(Over) Recovery	\$88,868	\$191,419	(\$402,321)	\$411,635	\$32,757	\$80,480	\$402,839
10	Cummulative Under/(Over) Recovery	\$88,868	\$280,287	(\$122,034)	\$289,601	\$322,359	\$402,839	

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

May information accumulated by Division

June 2020 begins Docket No. 49494 class allocation factors

June 2020 begins full transmission cost recovery through the TCRF

2020									
TARF_DESC	EQTN_CD	EQTN_SHRT_DESC_TX	MAY_REVENUE	JUN_REVENUE	JUL_REVENUE	AUG_REVENUE	SEP_REVENUE	OCT_REVENUE	MAY-OCT_REVENUE
RESIDENTIAL	ST50	RS-TCRF	6,473,006	13,086,006	15,314,443	15,255,429	20,942,463	16,397,068	87,468,415
SEC GS<=10KW	ST51	GS<10 TCRF	302,252	462,257	509,855	508,361	571,845	530,331	2,884,903
SEC GS>10KW NCP	ST52	GS>10KW NCP TCRF	4,322,306	6,861,988	7,050,937	7,145,919	8,154,173	7,819,794	41,355,117
SEC GS>10KW 4CP	ST53	GS>10-KW 4CP TCRF	515,870	751,302	880,511	888,834	936,194	931,317	4,904,027
PRIMARY SERVICE NCP	ST54	PRI-TX NCP TCRF	182,736	178,622	181,540	172,014	174,818	165,500	1,055,231
PRIMARY SERVICE 4CP	ST55	PRI-TX 4CP TCRF	1,737,555	2,590,364	2,612,234	2,619,498	2,837,958	2,918,646	15,316,255
TRNS SRV	ST56	TRA-TX 4CPTCRF	1,065,213	2,035,543	2,831,367	2,071,905	2,724,630	2,706,228	13,434,886
TOTAL ALL CLASSES			14,598,938.76	25,966,081.55	29,380,886.84	28,661,960.18	36,342,082.24	31,468,884.72	166,418,834

AEP Texas Inc
Semi-Annual TCRF Update
March 2021

AEPTX March 2021 TCRF Update - Attachment A
March-Aug Units

Central								
Tariff Description		202003	202004	202005	202006	202007	202008	Sum:
RS		603,111,884	708,851,338	858,859,256	1,006,802,300	1,160,623,680	1,145,417,284	5,483,665,742
GS<=10KW		54,344,638	55,320,457	58,224,074	62,090,052	67,453,793	66,527,143	347,369,379
GS>10KW NCP		1,848,484	1,660,181	1,651,081	1,773,077	1,803,805	1,811,358	10,547,985
GS>10KW 4CP		138,934	139,358	138,610	138,132	139,198	140,801	835,033
PS PRIM NCP		31,014	38,415	39,320	42,348	41,397	35,144	227,637
PS PRIM 4CP		399,791	369,592	369,145	369,510	376,477	376,123	2,260,639
TRANS		581,277	624,359	536,525	537,923	653,001	458,467	3,391,553
North								
Tariff Description		202003	202004	202005	202006	202007	202008	Sum:
RS		129,412,809	109,852,745	134,467,243	170,794,610	217,474,291	227,360,332	989,362,030
GS<=10KW		14,171,623	12,921,115	13,296,485	14,882,716	17,439,825	18,098,957	90,810,721
GS>10KW NCP		416,952	374,640	389,898	419,389	437,626	447,375	2,485,880
GS>10KW 4CP		67,392	67,259	67,823	21,719	57,591	58,631	340,415
PS PRIM NCP		27,466	24,423	21,279	19,055	22,370	23,440	138,032
PS PRIM 4CP		214,659	210,256	213,866	208,436	209,937	209,771	1,266,925
TRANS		25,778	54,201	44,521	56,211	50,325	55,719	286,756
AEPTX								
Tariff Description		202003	202004	202005	202006	202007	202008	Sum:
RS		732,524,693	818,704,083	993,326,499	1,177,596,910	1,378,097,971	1,372,777,616	6,473,027,772
GS<=10KW		68,516,261	68,241,572	71,520,559	76,972,768	84,893,618	84,626,100	454,770,878
GS>10KW NCP		2,265,436	2,034,821	2,040,979	2,192,466	2,241,432	2,258,733	13,033,865
GS>10KW 4CP		206,326	206,617	206,432	159,851	196,789	199,432	1,175,448
PS PRIM NCP		58,480	62,837	60,599	61,402	63,767	58,584	365,669
PS PRIM 4CP		614,450	579,849	583,011	577,946	586,414	585,895	3,527,564
TRANS		607,055	678,560	581,046	594,135	703,327	514,186	3,678,309

AEP Texas Inc
 Semi-Annual TCRF Update
 March 2021

AEPTX March 2021 TCRF Update - Attachment A
 Sept 2020 TCRF Adj

AEP Texas TCRF Calculation By Class
 September 2020 TCRF Update

Semi-Annual Updated Revenue Requirement - (NWTR - BWTR)/2 \$173,104,157

Estimated Revenue By Rate Class						Total TCRF Update September 2020	Type of Billing Determinant	Sept - Feb Determinants	Price Per Unit	TCRF Revenue	ADJP1 One-sixth of Adjustment
Class Description	TCRF Class Allocation %	Semi-Annual TCRF	Central Adjustment	North Adjustment	Adjustment to TCRF						
Residential	47.309%	\$81,893,783	\$9,405,410	\$1,383,483	\$10,788,893	\$92,682,676	kWh	5,695,123,740	\$0.016274	\$92,682,444	\$1,798,149
Secondary Less Than or Equal to 10 kW	1.704%	\$2,949,033	\$64,509	\$35,047	\$99,556	\$3,048,589	kWh	436,410,730	\$0.006986	\$3,048,765	\$16,593
Secondary Greater Than 10 kW											
4CP	3.152%	\$5,455,685	(\$25,640)	(\$52,670)	(\$78,311)	\$5,377,374	Avg 4CP	1,166,029	\$4.611697	\$5,377,374	(\$13,052)
NCP	28.071%	\$48,592,475	\$2,451,210	\$684,252	\$3,135,462	\$51,727,937	Monthly Max kW	14,291,352	\$3.619527	\$51,727,933	\$522,577
Primary Service											
4CP	9.803%	\$16,969,370	\$282,271	\$93,152	\$375,423	\$17,344,792	Avg 4CP	3,498,963	\$4.957123	\$17,344,792	\$62,570
NCP	0.654%	\$1,132,592	\$87,670	\$16,337	\$104,007	\$1,236,599	Monthly Max kW	395,586	\$3.125990	\$1,236,599	\$17,334
Transmission Service											
9.307%	\$16,111,218	\$241,515	(\$40,352)	\$201,163	\$16,312,382	Avg 4CP	3,294,576	\$4.951284	\$16,312,382	\$33,527	
Total		\$173,104,157	\$12,506,944	\$2,119,249	\$14,626,193	\$187,730,350				\$187,730,289	\$2,437,699

Allocation table based on the Docket No. 49494 transmission allocator
 Unadjusted, unscaled, 15-minute 4CP allocator

AEP TX North Division Transmission Credit Settlement*	(\$150,000)
North Division Transmission Sept - Feb Determinants	163,410.80
AEP TX North Division Rider TNTC Credit per 4CP kW	(\$0.92)
*Docket No. 49494 \$300,000 per year or \$150,000 per TCRF update - 4X	

AEP Texas Central Division
Semi-Annual TCRF Update
March 2021

TCRF Expense and Revenue Adjustment Workpaper
May Expense

AEP Texas Central Division
Accounting Accrual
Monthly Expenses

Docket No 50333
2020 4CP Update
5 019 420 838

2020
Monthly
Expense
May

Order (1)	Effective Date (2)	End Date (3)	Company (4)	Docket (5)	ERCOT Peak (6)	Old Rate Per kW (7)	New Rate Per kW (8)	Change in Rate Per kW (9)	2016 Billing Company (10)	Annual TCRF Peak (11)	Monthly TCRF Expense (12)	2020 Monthly Expense May (13)	
7/23/2014	7/23/2014		San Antonio - CPS	42579	65 250 196 800	1 1183400	2 5970910	1 4787510	5 019,420 838	\$7 422 474	\$618,539	\$618,539	
5/17/2019	5/17/2019	6/16/2020	Sharyland Utilities L P	48929/49519	67 273,101 059	0 0068461	0 5186620	0 5118159	5 019,420 838	\$2 569 020	\$214,085	\$214,085	
5/17/2019	5/17/2019		ONCOR North Texas Utilities	48929/49519	67,273,101 059	0 0425839	3 2263410	3 1837571	5 019,420 838	\$15 980 617	\$1 331,718	\$1 331,718	
11/6/2015	11/6/2015		San Bernard Electric	44897	63 680 709 638	0 0000000	0 0380560	0 0380560	5 019,420 838	\$191 019	\$15 918	\$15,918	
1/21/2020	1/21/2020		Fannin County	50218	69 368 963 500	0 0014284	0 0021920	0 0007636	5 019,420 838	\$3 833	\$319	\$319	
3/17/2017	3/17/2017		City of College Station	46847	67 762,869 200	0 0108600	0 0552564	0 0443964	5 019,420 838	\$22 844	\$18 570	\$18 570	
-			Concho Valley (removal)	35950	57 650 014 900		(0 0025341)	(0 0025341)	5 019,420 838	(\$12 720)	(\$1 060)	(\$1 060)	
-			Coleman (removal)	35950	57 650 014 900		(0 0012290)	(0 0012290)	5 019,420 838	(\$6 169)	(\$514)	(\$514)	
-			Big Country (removal)	35950	57 650 014 900		(0 0026600)	(0 0026600)	5 019,420 838	(\$13 352)	(\$1 113)	(\$1 113)	
5/21/2009	5/21/2009		Cherokee County Electric Coop	36668	57 650 014 900	0 0016470	0 0050100	0 0033630	5 019,420 838	\$16 880	\$1,407	\$1,407	
8/27/2009	8/26/2009		Grayson-Collin Electric Coop	36584	59 819 399 900	0 0098520	0 0209639	0 0111119	5 019,420 838	\$55 775	\$4 648	\$4 648	
11/5/2009	11/5/2009		TMPA (reduction from 36392)	37404	57 650 014 900	0 0571201	0 6632670	0 1061469	5 019,420 838	\$532 796	\$44 400	\$44 400	
5/21/2009	5/21/2009		Deep East Texas	36762	57 650 014 900	0 0012300	0 0017100	0 0004800	5 019,420 838	\$2 409	\$201	\$201	
1/14/2010	1/14/2010		Medina	37535	59 819,399 900	0 0317996	-	(0 0317996)	5 019,420 838	(\$159 616)	(\$13 301)	(\$13 301)	
9/11/2014	9/1/2014		GEUS	42581	65 250 196,800	0 0242200	0 0360300	0 0118100	5 019,420 838	\$59 279	\$4,940	\$4,940	
1/15/2017	1/15/2017		Farmers Electric Coop	47470	67 690 205 600	0 0114341	0 0099010	(0 0015331)	5 019,420 838	(\$7 695)	(\$641)	(\$641)	
1/7/2020	1/7/2020		STEC	50174	69 368 963 500	0 3275800	1 2355360	0 9079560	5 019,420 838	\$4 557 413	\$379 784	\$379 784	
1/10/2020	1/10/2020	11/18/2020	MVEC (removal)	38569	60 868 331 400	0 0829200	0 0000000	(0 0620200)	5 019,420 838	(\$315 822)	(\$26 319)	(\$26 319)	
3/19/2019	3/19/2019		Denton (DMEX)	48963	67 273,101 059	0 0734077	0 70446800	0 6310783	5 019,420 838	\$3 167 548	\$263 971	\$263 971	
2/1/2019	2/1/2019		City of Garland	48802	67 273,101 059	0 1497884	0 767490000	0 6177016	5 019,420 838	\$3 100 504	\$256 375	\$256 375	
1/2/2019	1/2/2019		Trinity Valley Electric Coop	48826	67,273,101 059	0 01176376	0 0107130	(0 00105075)	5 019,420 838	(\$5 774)	(\$440)	(\$440)	
3/25/2011	3/25/2011		Brownsville Public Utilities Board	38556	60 656,331 400	0 0211200	0 0970000	0 0758800	5 019,420 838	\$380 874	\$31,739	\$31,739	
8/3/2011	8/4/2011		Wood County (Intal TCOS filing)	39290	61 368,962 600	0 0000000	0 0258660	0 00258660	5 019,420 838	\$12 980	\$1 082	\$1,082	
4/24/2018	4/24/2018		Bryan Texas Utilities	48123	67 273 101 059	0 0939300	0 4417790	0 3423890	5 019,420 838	\$1 718 594	\$142 216	\$142 216	
4/23/2020	4/23/2020		CenterPoint (Rate Case)	49421	69,368 963 500	3 8961966	4 9882730	1 0920764	5 019,420 838	\$5 481 591	\$456 799	\$206 296	
5/15/2020	5/15/2020		CenterPoint	50853	70 980 872 405	3 8981966	5 2524000	1 3292034	5 019,420 838	\$6 671 831	\$555 986	\$304 896	
4/24/2019	4/24/2019	5/14/2020	AEP TX Central Division	49192	69 368 963 500	1 7168960	4 0366120	2 3197160	5 019,420 838	\$11 643 631	\$970 303	\$436 201	
4/24/2019	4/24/2019	5/14/2020	AEPTX North Division	49192	69 368 963 500	0 5945420	2 06659100	1 4720490	5 019,420 838	\$7 386 833	\$615 736	\$278 074	
5/15/2020	5/15/2020		AEPTX	50889	70 980 872 405	2 3114380	6 6799140	4 3684760	5 019,420 838	\$21 927 219	\$1 827 268	\$1 002 050	
6/21/2018	6/21/2018		ETT	48340	67 273 101 059	0 0000000	4 5258900	4 5258900	5 019,420 838	\$22 717 347	\$1 893 112	\$1 893 112	
4/4/2019	4/4/2019		Golden Spread	48500	67,273 101 059	0 0000000	0 0352500	0 0352500	5 019,420 838	\$176 935	\$14 745	\$14 745	
3/26/2020	3/26/2020		ONCOR	50490	69 368 963 500	6 5927980	14 36685533	7 8040575	5 019,420 838	\$39 171 849	\$3,264,321	\$3,264,321	
1/7/2020	1/7/2020		Bandera Electric Coop	50189	69 368 963 500	0 0120200	0 06075500	0 0487350	5 019,420 838	\$244 621	\$20 385	\$20 385	
4/3/2020	4/3/2020		LCRA	50510	69 368 963 500	2 9759800	6 85224100	3 8762610	5 019,420 838	\$19 456 585	\$1,621 382	\$1,621 382	
4/4/2019	4/4/2019		Taylor Electric Coop (sold trans assets to Golden Spread)	48500	67 273 101 059	0 00380	-	(0 0308041)	5 019,420 838	(\$19 094)	(\$1 591)	(\$1 591)	
10/8/2015	10/8/2015		Brazos	44754	63 680 709 638	0 9256900	1 8609410	0 9352510	5 019,420 838	\$4 694 418	\$391 202	\$391 202	
3/27/2020	3/27/2020		TNMP	50481	69,368 963 500	0 3010563	1 1431550	0 8420987	5 019,420 838	\$4 226 848	\$352 237	\$352 237	
9/12/2014	9/12/2014		Long Star Transmission, LLC	42469	65 250 196 847	0 0000000	1 56996960	1 56996960	5 019,420 838	\$7 878 965	\$656 580	\$656 580	
7/6/2018	7/6/2018		Cross Texas Transmission LLC	48369	67,273 101 059	0 0000000	1 1072500	1 1072500	5 019,420 838	\$5 557 754	\$463 146	\$463 146	
9/25/2015	9/25/2015	4/25/2018	Wind Energy Transmission Texas LLC	44746	63 680 709 638	0 0000000	1 8095350	1 8095350	5 019,420 838	\$9,082,818	\$756 501	\$756 901	
7/2/2018	7/2/2018		Austin Energy	48352	67 273 101 059	1 0024700	1 1872140	0 1847440	5 019,420 838	\$927 308	\$77 276	\$77 276	
11/4/2019	11/4/2019		Lyncear Electric Coop	49943	69 368 963 500	0 0000000	0 0113650	0 0113650	5 019,420 838	\$57 046	\$4,754	\$4,754	
4/3/2020	4/3/2020		Rayburn County	50539	69 368 963 500	0 0214200	0 3301160	0 3096960	5 019,420 838	\$1,549,475	\$129 123	\$129 123	
10/30/2019	10/30/2019		San Miguel Electric Coop	49900	69 368 963 500	0 0392100	0 0205010	(0 0187090)	5 019,420 838	(\$93 906)	(\$7 826)	(\$7 826)	
1/10/2020	1/3/2020		Southwest Texas Electric Coop (SWTEC)	50201	69,368 963 500	0 00040157	0 0009510	0 0005494	5 019,420 838	\$2 758	\$230	\$230	
2/7/2020	2/7/2020		Houston County Electric Coop (HCEC)	50263	69 368 963 500	0 00380300	0 0017300	(0 0020730)	5 019,420 838	(\$10 405)	(\$867)	(\$867)	
4/17/2020	4/17/2020		Lamar County Coop	50036	69 368 963 500	0 00164370	0 0041350	0 0024913	5 019,420 838	\$12 505	\$1 042	\$1 042	
TCRF Update Sub Total													
Rate Case & Other Expenses													
1/1/2017	12/8/2015		Long Star WTS Credit Rider	46585	66 036 438 600	-	(0 09085893)	(0 090858925)	5 019,420 838	(\$456 059)	(\$38 005)	(\$38 005)	
4/26/2018	5/1/2018		Long Star WTS Tax Rate Change Rider	48101	66 036 438 600	-	(0 1099690)	(0 10996900)	5 019,420 838	(\$551 981)	(\$45 998)	(\$45 998)	
4/1/2018	4/1/2018		WEIT Tax Rate Change Rider	48127	53 680 709 638	-	(0 1436370)	(0 14363700)	5 019,420 838	(\$720 975)	(\$60 081)	(\$60 081)	
1/1/2019	1/1/2019		WEIT Tax Rate Change Rider	48874	67 273 101 059		(0 2368870)	(0 23688700)	5 019,420 838	(\$1 189 036)	(\$59 086)	(\$59 086)	
1/6/2020			Rayburn County Credit Rider 5 Years	49921/49051	59 368 963 500		(0 0648705)	(0 064870500)	4 761 042 428	(\$308 851)	(\$25 738)	(\$25 738)	
3/1/2020			TNMP RCE (3 years)	48501	69 368 963 500		0 00281000	0 00281000	5 019,420 838	\$14 105	\$1 175	\$1,175	
4/23/2020	5/1/2020		Centerpoint UEDIT Credit	49421	69 368 963 500		0 0028100	0 0028100	(0 136560000)	4 761 042 428	(\$650 188)	(\$54 181)	(\$54 181)
4/17/2020	5/1/2020		Lamar County Electric Coop	50036	69 368 963 500		0 0011781	0 0011781	4 761 042 428	\$5 609	\$467	\$467	
4/6/2020	5/29/2020		AEP Texas Rider CRR	49494	69 368 963 500		(0 2883130)	(0 288313000)	4 761 042 428	(\$1 372 670)	(\$114 389)	(\$114 070)	(\$114 070)
TCRF Monthly Expense Update Amount													
\$14 822,680													

AEP Texas Central Division Sem-Annual TCRF Update March 2021															
Docket No 50333 2020 ACP Update 5 019 420 838															
June starts full transmission recovery through TCRF															
Order (1)	Effective Date (2)	End Date (3)	Company (4)	Docket (5)	ERCOT Pass (6)	Old Rate (7)	New Rate (8)	Change in Rate (9)	2016 Billing Priority Peak (10)	Annual TCRF Expense (11)	Monthly TCRF Expense (12)	Monthly Expense Start (13)	Monthly Expense End (14)	Monthly Expense Avg. (15)	Monthly Expense October (16)
7/23/2014	7/23/2014		San Antonio - CPS	42579	65 250 196 800	0 0000000	2 5970910	2 5970910	5 019 420 838	\$1 035 893	\$1 066 324	\$1 086 324	\$1 086 324	\$1 086 324	\$1 086 324
5/17/2019	5/17/2019	6/18/2020	Sharyland Utilities, LP	48929-49519	67 273 101 059	0 0000000	0 5166620	0 5166620	5 019 420 838	\$2 603 383	\$21 949	\$15 706	\$15 706	\$15 706	\$15 706
6/17/2020	6/17/2020		Sharyland Utilities, LP	50801	70 980 872 405	0 0000000	0 5320690	0 5320690	5 019 420 838	\$2 670 663	\$22 255	\$10 859	\$22 255	\$22 255	\$22 255
5/17/2019	5/17/2019		ONCOR North Texas Utilities	48929-49519	67 273 101 059	0 0000000	3 2235410	3 2235410	5 019 420 838	\$1 194 363	\$1 349 530	\$1 349 530	\$1 349 530	\$1 349 530	\$1 349 530
6/1/2020	6/1/2020		San Bernard Electric	50732	70 980 872 405	0 0000000	0 0570700	0 0570700	5 019 420 838	\$286 458	\$23 872	\$23 872	\$23 872	\$23 872	\$23 872
1/21/2020	1/21/2020		Fannin County	50218	69 368 963 500	0 0000000	0 0021920	0 0021920	5 019 420 838	\$11 003	\$917	\$917	\$917	\$917	\$917
3/17/2017	3/17/2017		City of College Station	46547	67 762 669 200	0 0000000	0 0525264	0 0525264	5 019 420 838	\$277 355	\$23 113	\$23 113	\$23 113	\$23 113	\$23 113
5/21/2009	5/21/2009		Cherokee County Electric Coop	36668	57 650 014 900	0 0000000	0 0050100	0 0050100	5 019 420 838	\$25 147	\$2 096	\$2 096	\$2 096	\$2 096	\$2 096
8/27/2009	8/26/2009		Grayson-Collin Electric Coop	36584	59 819 380 900	0 0000000	0 0296939	0 0296939	5 019 420 838	\$105 227	\$8 768	\$8 768	\$8 768	\$8 768	\$8 768
11/5/2009	11/5/2009		TMPA (reduction from 36392)	37404	57 650 014 900	0 0000000	0 0652670	0 0652670	5 019 420 838	\$3 329 216	\$277 435	\$277 435	\$277 435	\$277 435	\$277 435
5/21/2009	5/21/2009		Deep East Texas	36762	57 650 014 900	0 0000000	0 0010000	0 0010000	5 019 420 838	\$1 075 145	\$7 715	\$7 715	\$7 715	\$7 715	\$7 715
8/14/2011	8/14/2011		GESE	42591	65 250 196 800	0 0000000	0 0366300	0 0366300	5 019 420 838	\$100 850	\$15 071	\$15 071	\$15 071	\$15 071	\$15 071
11/15/2017	11/15/2017		Farmers Electric Coop	47470	67 692 205 600	0 0000000	0 0099100	0 0099100	5 019 420 838	\$89 697	\$4 141	\$4 141	\$4 141	\$4 141	\$4 141
7/7/2020	7/7/2020		STEC	50174	69 368 963 500	0 0000000	1 2355360	1 2355360	5 019 420 838	\$6 201 675	\$516 806	\$516 806	\$516 806	\$516 806	\$516 806
3/19/2019	3/19/2019	7/19/2020	Denton (DME)	48963	67 273 101 059	0 0000000	0 7044860	0 7044860	5 019 420 838	\$3 536 112	\$294 676	\$294 676	\$294 676	\$294 676	\$294 676
7/29/2020	7/29/2020		Denton (DME)	50110	70 980 872 405	0 0000000	0 7457290	0 7457290	5 019 420 838	\$28 126	\$311 927	\$311 927	\$311 927	\$311 927	\$311 927
2/1/2019	2/1/2019	8/24/2020	City of Garland	48802	67 273 101 059	0 0000000	0 764780000	0 764780000	5 019 420 838	\$3 852 355	\$321 030	\$321 030	\$321 030	\$321 030	\$321 030
8/25/2020	8/25/2020		City of Garland	50680	70 980 872 405	0 0000000	0 8353630	0 8353630	5 019 420 838	\$4 193 038	\$349 420	\$349 420	\$349 420	\$349 420	\$349 420
1/2/2019	1/2/2019		Trinity Valley Electric Coop	48828	67 273 101 059	0 0000000	0 00107130	0 00107130	5 019 420 838	\$53 773	\$4 481	\$4 481	\$4 481	\$4 481	\$4 481
3/25/2011	3/25/2011		Brownsville Public Utilities Board	38856	65 250 330 000	0 0000000	0 0010000	0 0010000	5 019 420 838	\$304 564	\$44 574	\$44 574	\$44 574	\$44 574	\$44 574
8/3/2011	8/4/2011		Woolsey County (initial TCOG flag)	52920	61 368 962 600	0 0000000	0 0025960	0 0025960	5 019 420 838	\$12 980	\$1 082	\$1 082	\$1 082	\$1 082	\$1 082
4/24/2018	4/24/2018		Bryan Texas Utilities	46123	67 273 101 059	0 0000000	0 4417790	0 4417790	5 019 420 838	\$2 217 475	\$184 790	\$184 790	\$184 790	\$184 790	\$184 790
5/15/2020	5/15/2020	9/16/2020	CenterPoint	50653	70 980 872 405	0 0000000	5 2254000	5 2254000	5 019 420 838	\$28 224 462	\$2 185 707	\$2 185 707	\$2 185 707	\$2 185 707	\$2 185 707
9/17/2020	9/17/2020		CenterPoint	51106	70 980 872 405	0 0000000	5 4512500	5 4512500	5 019 420 838	\$27 362 182	\$280 177	\$280 177	\$280 177	\$280 177	\$280 177
5/15/2020	5/15/2020	10/27/2020	AEP TX	50639	70 980 872 405	0 0000000	6 6799140	6 6799140	5 019 420 838	\$33 529 300	\$2 794 108	\$2 794 108	\$2 794 108	\$2 794 108	\$2 794 108
10/28/2020	10/29/2020		AEP TX	51231	70 980 872 405	0 0000000	7 1850240	7 1850240	5 019 420 838	\$38 064 639	\$3 005 388	\$3 005 388	\$3 005 388	\$3 005 388	\$3 005 388
6/21/2018	6/21/2018		ETT	48434	67 273 101 059	0 0000000	4 5258900	4 5258900	5 019 420 838	\$27 717 347	\$1 893 112	\$1 893 112	\$1 893 112	\$1 893 112	\$1 893 112
4/4/2019	4/4/2019		Golden Spread	48500	67 273 101 059	0 0000000	0 0352500	0 0352500	5 019 420 838	\$17 963 745	\$14 745	\$14 745	\$14 745	\$14 745	\$14 745
3/26/2020	3/26/2020	9/7/2020	ONCOR	50490	69 368 963 500	0 0000000	14 396855339	14 396855339	5 019 420 838	\$72 265 877	\$6 021 990	\$6 021 990	\$6 021 990	\$6 021 990	\$6 021 990
9/8/2020	9/8/2020		ONCOR	51115	69 368 963 500	0 0000000	14 996463000	14 996463000	5 019 420 838	\$72 273 559	\$272 797	\$272 797	\$272 797	\$272 797	\$272 797
1/7/2020	1/7/2020		Banderas Electric Coop	50189	69 368 963 500	0 0000000	0 0607550	0 0607550	5 019 420 838	\$304 955	\$25 413	\$25 413	\$25 413	\$25 413	\$25 413
4/3/2020	4/3/2020	9/21/2020	LCRA	50510	69 368 963 500	0 0000000	6 6822410	6 6822410	5 019 420 838	\$34 384 281	\$2 866 190	\$2 866 190	\$2 866 190	\$2 866 190	\$2 866 190
9/22/2020	9/22/2020		LCRA	51145	60 380 872 405	0 0000000	7 19186200	7 19186200	5 019 420 838	\$308 982	\$3 008 248	\$3 008 248	\$3 008 248	\$3 008 248	\$3 008 248
9/24/2020	9/24/2020		LCRA (FAYT)	50204	70 980 872 405	0 0000000	7 19262900	7 19262900	5 019 420 838	\$39 102 817	\$3 008 568	\$3 008 568	\$3 008 568	\$3 008 568	\$3 008 568
10/8/2015	10/8/2015	10/5/2020	Brazos	44754	63 680 708 638	0 0000000	1 6509410	1 6509410	5 019 420 838	\$9 340 846	\$778 404	\$778 404	\$778 404	\$778 404	\$778 404
10/6/2019	10/6/2019		Brazos	51619	60 380 872 405	0 0000000	1 8896537	1 8896537	5 019 420 838	\$9 486 473	\$790 530	\$790 530	\$790 530	\$790 530	\$790 530
3/27/2020	3/27/2020	10/4/2020	TNMP	50481	69 368 963 500	0 0000000	1 1431550	1 1431550	5 019 420 838	\$5 737 976	\$478 165	\$478 165	\$478 165	\$478 165	\$478 165
10/5/2020	10/5/2020		TNMP	51107	70 980 872 405	0 0000000	1 17186200	1 17186200	5 019 420 838	\$51 861 095	\$489 080	\$489 080	\$489 080	\$489 080	\$489 080
9/12/2014	9/12/2014		Lone Star Transmission LLC	42469	65 250 196 847	0 0000000	1 5689630	1 5689630	5 019 420 838	\$7 876 965	\$656 580	\$656 580	\$656 580	\$656 580	\$656 580
7/6/2016	7/6/2016		Cross Texas Transmission LLC	44877	67 273 101 059	0 0000000	1 5689630	1 5689630	5 019 420 838	\$5 935 818	\$756 001	\$756 001	\$756 001	\$756 001	\$756 001
5/2/2015	5/2/2015	4/25/2018	Lytlestar Electric Coop	48525	67 273 101 059	0 0000000	1 1872140	1 1872140	5 019 420 838	\$595 127	\$496 594	\$496 594	\$496 594	\$496 594	\$496 594
11/14/2019	11/14/2019		Lytlestar Electric Coop	49543	69 368 963 500	0 0000000	0 0113650	0 0113650	5 019 420 838	\$57 046	\$4 754	\$4 754	\$4 754	\$4 754	\$4 754
4/13/2020	4/13/2020		Rayburn County	50539	69 368 963 500	0 0000000	0 3301160	0 3301160	5 019 420 838	\$1 656 991	\$136 083	\$136 083	\$136 083	\$136 083	\$136 083
10/30/2019	10/30/2019		San Miguel Electric Coop	49900	69 368 963 500	0 0000000	0 0250510	0 0250510	5 019 420 838	\$102 903	\$8 575	\$8 575	\$8 575	\$8 575	\$8 575
1/10/2020	1/10/2020		Southwest Texas Electric Coop (SWTEC)	50201	69 368 963 500	0 0000000	0 0095010	0 0095010	5 019 420 838	\$4 773	\$398	\$398	\$398	\$398	\$398
2/7/2020	2/7/2020	10/29/2020	Houston County Electric Coop (HCEC)	50263	69 368 963 500	0 0000000	0 0017300	0 0017300	5 019 420 838	\$8 684	\$724	\$724	\$724	\$724	\$724
10/20/2020	10/20/2020		Houston County Electric Coop (HCEC)	51195	70 980 872 405	0 0000000	0 0196770	0 0196770	5 019 420 838	\$98 767	\$231	\$231	\$231	\$231	\$231
4/17/2020	4/17/2020		LamarCounty Coop	50036	69 368 963 500	0 0000000	0 0041350	0 0041350	5 019 420 838	\$20 755	\$1 730	\$1 730	\$1 730	\$1 730	\$1 730
10/14/2005	10/14/2005		Ro Grande Electric Coop	31250	69 368 963 500	0 0000000	0 0044300	0 0044300	5 019 420 838	\$22 236	\$1 863	\$1 863	\$1 863	\$1 863	\$1 863
7/8/1997	7/8/1997	8/26/2020	Floresville Electric Power System	15727/21643	70 980 872 405	0 0000000	0 0057110	0 0057110	5 019 420 838	\$28 666	\$2 389	\$2 389	\$2 389	\$2 389	\$2 389
8/27/2020	8/27/2020		Floresville Electric Power System	50205	70 980 872 405	0 0000000	0 0064430	0 0064430	5 019 420 838	\$32 340	\$2 695	\$2 695	\$2 695	\$2 695	\$2 695
TCRF Update Sub Total															
Rate Case & Other Expenses															
1/1/2017	1/1/2017		Lone Star WTS Credit Rider	46858	66 036 436 600	-	0 0905893	0 0905893	5 019 420 838	\$456 059	\$38 005	\$38 005	\$38 005	\$38 005	\$38 005
4/26/2018	5/1/2018		Lone Star WTS Tax Rate Change Rider	48101	66 036 436 600	-	0 1096900	0 1096900	5 019 420 838	(355) 981	(45 998)	(45 998)	(45 998)	(45 998)	(45 998)
4/1/2018	4/1/2018		Lone Star WTS Tax Rate Change Rider	48127	65 680 708 638	-	0 1436700	0 1436700	5 019 420 838	(372) 975	(

AEP Texas Central Division
Semi-Annual TCRF Update
March 2021

TCRF Expense and Revenue Adjustment Workpaper
Total Class Data

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Total Class Data

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$14,822,680
3	Class Allocation Factor	100.00%
4	Class TCRF Not in Base	\$14,822,680
5	Class TCRF Revenue	\$11,675,617
6	ADJP1	\$0
7	ADJP2	(\$1,591,953)
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$13,267,569
9	Under/(Over) Recovery	\$1,555,110
10	Cummulative Under/(Over) Recovery	\$1,555,110

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Central Division
Semi-Annual TCRF Update
March 2021

TCRF Expense and Revenue Adjustment Workpaper
Residential

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Residential

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$14,822,680
3	Class Allocation Factor	47.21%
4	Class TCRF Not in Base	\$6,997,575
5	Class TCRF Revenue	5,179,728
6	ADJP1	\$0
7	ADJP2	(\$1,349,015)
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$6,528,743
9	Under/(Over) Recovery	\$468,832
10	Cummulative Under/(Over) Recovery	\$468,832

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Central Division
 Semi-Annual TCRF Update
 March 2021

TCRF Expense and Revenue Adjustment Workpaper
 Secondary<=10kW

Semi-Annual TCRF Class Adjustment Calculation for March 2021
 Secondary <= 10 kW

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$14,822,680
3	Class Allocation Factor	1.72%
4	Class TCRF Not in Base	\$254,775
5	Class TCRF Revenue	215,280.75
6	ADJP1	\$0
7	ADJP2	(\$27,343)
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$242,624
9	Under/(Over) Recovery	\$12,151
10	Cummulative Under/(Over) Recovery	\$12,151

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Central Division
 Semi-Annual TCRF Update
 March 2021

TCRF Expense and Revenue Adjustment Workpaper
 Secondary>10kW4CP

Semi-Annual TCRF Class Adjustment Calculation for March 2021
 Secondary > 10 kW 4CP

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$14,822,680
3	Class Allocation Factor	2.02%
4	Class TCRF Not in Base	\$299,847
5	Class TCRF Revenue	329,511.49
6	ADJP1	\$0
7	ADJP2	\$9,537
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$319,974
9	Under/(Over) Recovery	-\$20,127
10	Cummulative Under/(Over) Recovery	(\$20,127)

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Central Division
 Semi-Annual TCRF Update
 March 2021

TCRF Expense and Revenue Adjustment Workpaper
 Secondary>10kWNCP

Semi-Annual TCRF Class Adjustment Calculation for March 2021
 Secondary > 10 kW NCP

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$14,822,680
3	Class Allocation Factor	29.22%
4	Class TCRF Not in Base	\$4,331,903
5	Class TCRF Revenue	3,418,477.49
6	ADJP1	\$0
7	ADJP2	(\$11,606)
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$3,430,083
9	Under/(Over) Recovery	\$901,820
10	Cummulative Under/(Over) Recovery	\$901,820

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Central Division
Semi-Annual TCRF Update
March 2021

TCRF Expense and Revenue Adjustment Workpaper
Primary4CP

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Primary 4CP

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$14,822,680
3	Class Allocation Factor	9 77%
4	Class TCRF Not in Base	\$1,447,535
5	Class TCRF Revenue	1,338,395.56
6	ADJP1	\$0
7	ADJP2	-\$17,758
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$1,356,154
9	Under/(Over) Recovery	\$91,381
10	Cummulative Under/(Over) Recovery	\$91,381

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Central Division
 Semi-Annual TCRF Update
 March 2021

TCRF Expense and Revenue Adjustment Workpaper
 PrimaryNCP

Semi-Annual TCRF Class Adjustment Calculation for March 2021
 Primary NCP

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$14,822,680
3	Class Allocation Factor	1 05%
4	Class TCRF Not in Base	\$155,291
5	Class TCRF Revenue	162,379.07
6	ADJP1	\$0
7	ADJP2	\$3,453
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$158,926
9	Under/(Over) Recovery	(\$3,635)
10	Cummulative Under/(Over) Recovery	(\$3,635)

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas Central Division
Semi-Annual TCRF Update
March 2021

TCRF Expense and Revenue Adjustment Workpaper
Transmission

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Transmission

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$14,822,680
3	Class Allocation Factor	9 01%
4	Class TCRF Not in Base	\$1,335,754
5	Class TCRF Revenue	1,031,844.37
6	ADJP1	\$0
7	ADJP2	(\$199,221)
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$1,231,066
9	Under/(Over) Recovery	\$104,688
10	Cummulative Under/(Over) Recovery	\$104,688

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

2020										
TARF_DESC	EQTN_CD	EQTN_SHRT_DESC_TX	MAY_REVENUE	JUN_REVENUE	JUL_REVENUE	AUG_REVENUE	SEP_REVENUE	OCT_REVENUE	MAY-OCT_REVENUE	
RESIDENTIAL	ST50	RS-TCRF	5,179,728	11,188,005	12,897,689	12,728,816	17,762,245	14,237,502	73,993,985	
SEC GS<=10KW	ST51	GS<10 TCRF	215,281	372,856	405,091	399,641	452,516	428,563	2,273,947	
SEC GS>10KW NCP	ST52	GS>10KW NCP TCRF	3,418,477	5,560,333	5,685,989	5,737,930	6,539,535	6,329,650	33,271,914	
SEC GS>10KW 4CP	ST53	GS>10-KW 4CP TCRF	329,511	616,830	621,385	625,990	658,365	662,984	3,515,065	
PRIMARY SERVICE NCP	ST54	PRI-TX NCP TCRF	162,379	124,117	120,905	102,971	108,286	94,988	713,646	
PRIMARY SERVICE 4CP	ST55	PRI-TX 4CP TCRF	1,338,396	1,653,118	1,666,510	1,673,839	1,813,095	1,857,033	10,001,990	
TRNS SRV	ST56	TRA-TX 4CPTCRF	1,031,844	1,808,975	2,628,519	1,847,306	2,454,089	2,430,078	12,200,812	
TOTAL ALL CLASSES			11,675,616.58	21,324,233.85	24,026,088.96	23,116,491.72	29,788,131.53	26,040,797.03	135,971,360	

AEP Texas Central Division
Semi-Annual TCRF Update
March 2021

TCRF Expense and Revenue Adjustment Workpaper
March_Aug 2020 UNITS

Tariff Description	202003	202004	202005	202006	202007	202008	Sum:
RS	603,111,884.	708,851,338.	858,859,256.	1,006,802,300.	1,160,623,680.	1,145,417,284.	5,483,665,742
GS<=10KW	54,344,638	55,320,457	58,224,074	62,090,052	67,453,793	66,527,143	347,369,379
GS>10KW NCP	1,848,484	1,660,181	1,651,081	1,773,077	1,803,805	1,811,358	10,547,985
GS>10KW 4CP	138,934	139,358	138,610	138,132	139,198	140,801	835,033
PS PRIM NCP	31,014	38,415	39,320	42,348	41,397	35,144	227,637
PS PRIM 4CP	399,791	369,592	369,145	369,510	376,477	376,123	2,260,639
TRANS	581,277.3	624,358.8	536,525.	537,923.4	653,001.3	458,466.8	3,391,553

AEP Texas Central TCRF Calculation By Class
March 2020 TCRF Update

Semi-Annual Updated Revenue Requirement - (NWTR - BWTR)/2 \$84,276,264 \$14,046,044

Estimated Revenue By Rate Class									
Class Description	TCRF Class* Allocation %	Incremental TCRF	Adjustment to TCRF	Total TCRF Update March 2020	Type of Billing Determinant	March - August Determinants	Price Per Unit	TCRF Revenue	ADJP2 One-sixth of Adjustment
Residential	47 21%	\$39,785,619	(\$8,094,090)	\$31,691,529	kWh	5,255,121,386	\$0 006031	\$31,693,637	(\$1,349,015)
Secondary Less Than or Equal to 10 kW	1 72%	\$1,448,558	(\$164,060)	\$1,284,498	kWh	347,369,379	\$0 003698	\$1,284,572	(\$27,343)
Secondary Greater Than 10 kW									
	IDR	2 02%	\$1,704,819	\$57,225	\$1,762,044	Avg 4CP	735,863	\$2 394528	\$1,762,044
	Non-IDR	29 22%	\$24,629,597	(\$69,635)	\$24,559,962	Monthly Max kW	11,803,814	\$2 080680	\$24,559,960
Primary Service									
	IDR	9 77%	\$8,230,145	(\$106,549)	\$8,123,597	Avg 4CP	2,228,051	\$3 646056	\$8,123,597
	Non-IDR	1 05%	\$882,924	\$20,719	\$903,644	Monthly Max kW	218,678	\$4.132302	\$903,644
Transmission Service									
		9 01%	\$7,594,601	(\$1,195,327)	\$6,399,274	Avg 4CP	3,320,604	\$1 927142	\$6,399,275
Total			\$84,276,264	(\$9,551,717)	\$74,724,548			\$74,726,729	(\$1,591,953)

*Allocation table based on the Docket No 33309 transmission allocator.

AEP Texas North Division
Semi-Annual TCRF Update
March 2021

AEP Texas North Division
Accounting Accrual
Monthly Expense

Order Date	Effective Date	End Date	Company	Docket	ERCOT Peak	Old Rate Per kW	New Rate Per kW	Change in Rate Per kW	2016 Billing Company Peak	Annual TCRF Expense	Monthly TCRF Expense	2020 Monthly Expense
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
7/23/2014	7/23/2014		San Antonio - CPS	42579	65,250,196 800	1 1183400	2 5970910	1 4787510	1 138 438 259	\$1 683 467	\$140 289	\$140 289
5/17/2019	5/17/2019		Sharyland Utilities L P	48929/49519	67,273,101 059	0 0068461	0 5186620	0 5118159	1 138 438 259	\$582,671	\$48 556	\$48,556
5/17/2019	5/17/2019		ONCOR North Texas Utilities	48929/49519	67,273,101 059	0 0425839	3 2263410	3 1837571	1 138 438 259	\$3 624 511	\$302,043	\$302 043
11/6/2015	11/6/2015		San Bernard Electric	44897	63,680,709 638	0 0000000	0 0380560	0 0380560	1 138 438 259	\$43,324	\$3,610	\$3,610
1/21/2020	1/21/2020		Fannin County	50218	69,386 963 500	0 0014284	0 0021920	0 0007636	1 138 438 259	\$869	\$72	\$72
3/17/2017	3/17/2017		City of College Station	46847	67,762 669 200	0 0108600	0 0552564	0 0443964	1 138 438 259	\$50,543	\$4 212	\$4 212
.	.		Concho Valley (removal)	35950	57,650,014 900		(0 0025341)	(0 0025341)	1 138 438 259	(\$2 885)	(\$240)	(\$240)
.	.		Coleman (removal)	35950	57,650,014 900		(0 0012290)	(0 0012290)	1 138 438 259	(\$1 399)	(\$117)	(\$117)
.	.		Big Country (removal)	35950	57,650,014 900		(0 0026600)	(0 0026600)	1 138 438 259	(\$3 028)	(\$252)	(\$252)
5/21/2009	5/21/2009		Cherokee County Electric Coo	36658	57,650,014 900	0 0016470	0 0050100	0 0033630	1 138 438 259	\$3 829	\$319	\$319
8/27/2009	8/26/2009		Grayson-Collin Electric Coop	36984	59,819 399 900	0 0098520	0 0209639	0 0111119	1 138 438 259	\$12 650	\$1 054	\$1,054
11/5/2009	11/5/2009		TMPA (reduction from 36392)	37404	57,650,014 900	0 5571201	0 6632670	0 1061469	1 138 438 259	\$120 842	\$10 070	\$10,070
5/21/2009	5/21/2009		Deep East Texas	36762	57,650,014 900	0 0012300	0 0017100	0 0004800	1 138 438 259	\$546	\$46	\$46
1/14/2010	1/14/2010		Medina	37535	59,819 399 900	0 0317996	-	(0 0317996)	1 138 438 259	(\$36 202)	(\$3 017)	(\$3 017)
9/11/2014	9/11/2014		GEUS	42581	65,250 196 800	0 0242200	0 0360300	0 0118100	1 138 438 259	\$13 445	\$1 120	\$1,120
11/15/2017	11/15/2017		Farmers Electric Coop	47470	67,690 205 600	0 0114341	0 0099010	0 0015331	1 138 438 259	(\$1 745)	(\$145)	(\$145)
1/7/2020	1/7/2020		STEC	50174	69,368 963 500	0 3275800	1 2355360	0 9079560	1 138 438 259	\$1 033 652	\$86 138	\$86 138
11/10/2010	11/10/2010		MVEC (removal)	38569	60,858 331 400	0 0629200	0 0000000	(0 0629200)	1 138 438 259	(\$71 631)	(\$5 969)	(\$5 969)
3/19/2019	3/19/2019		Denton (DMEC)	48963	67 273 101 059	0 0734077	0 70448600	0 6310783	1 138 438 259	\$718 444	\$59 870	\$59 870
2/1/2019	2/1/2019		City of Garland	48802	67 273 101 059	0 1497884	0 76749000	0 6177016	1 138 438 259	\$703 215	\$58 601	\$58 601
1/2/2019	1/2/2019		Trinity Valley Electric Coop	48626	67,273,101 059	0 01176376	0 0107130	(0 00105076)	1 138 438 259	(\$1 196)	(\$100)	(\$100)
3/25/2011	3/25/2011		Brownsville Public Utilities Boar	38556	60,858 331 400	0 0211200	0 0570000	0 0758800	1 138 438 259	\$86 385	\$7 199	\$7,199
8/4/2011	8/4/2011		Wood County (initial TCOS filir	39290	60,858 331 400	0 000000000	0 0025860	0 00258600	1 138 438 259	\$2 944	\$245	\$245
4/24/2018	4/24/2018		Bryan Texas Utilities	48123	67,273 101 059	0 0993900	0 4417790	0 3423890	1 138 438 259	\$389 789	\$32 482	\$32 482
4/23/2020	4/23/2020	5/14/2020	CenterPoint (Rate Case)	49421	69,368 963 500	3 8961966	4 9882730	1 0920764	1 138 438 259	\$1 243 262	\$103 605	\$46 789
5/15/2020	5/15/2020		CenterPoint	50653	70,980 872 405	3 8961966	5 2254000	1 3292034	1 138 438 259	\$1 513 216	\$126 101	\$69 152
4/24/2019	4/24/2019	5/14/2020	AEP TX Central Division	49192	67 273 101 059	1 5149620	4 0366120	2 5216500	1 138 438 259	\$2 870 743	\$239 229	\$108 039
4/24/2019	4/24/2019		AEP TX North Division	49192	67 273,101 059	0 7022680	2 06659100	1 3643230	1,138 438 259	\$1,553 198	\$129,433	\$58 454
5/15/2020	5/15/2020		AEPTX	50689	70,980,872 405	2 2172300	6 6799140	4 4626840	1,138 438 259	\$5 080,490	\$423 374	\$232 173
6/21/2018	6/21/2018		ETT	48340	67,273 101 059	0 0000000	4 5258900	4 5258900	1 138 438 259	\$5 152 446	\$429 371	\$429 371
4/4/2019	4/4/2019		Golden Spread	48500	67,273 101 059	0 0000000	0 0352500	0 0352500	1 138 438 259	\$40 130	\$3 344	\$3,344
3/26/2020	3/26/2020		ONCOR	50490	69,368 963 500	6 5927980	14 396855539	7 8040575	1 138 438 259	\$884 438	\$740 370	\$740 370
1/7/2020	1/7/2020		Bandera Electric Coop	50189	69,368 963 500	0 0120200	0 06075500	0 0487350	1 138 438 259	\$55 482	\$4 623	\$4,623
4/3/2020	4/3/2020		LCRA	50510	69,368 963 500	2 9759800	6 85224100	3 8762610	1 138 438 259	\$4 412 884	\$367 740	\$367 740
4/4/2019	4/4/2019		Taylor Electric Coop (sold tran	48500	67 273 101 059	0 \$0380	-	(0 0038041)	1 138 438 259	(\$4 331)	(\$361)	(\$361)
10/8/2015	10/8/2015		Brazos	47474	63,680,709 638	0 9256900	1 8609410	0 9352510	1 138 438 259	\$1,064 726	\$88 727	\$88 727
3/27/2020	3/27/2020		TNMP	50481	69,368 963 500	0 3010563	1 1431550	0 8420987	1 138 438 259	\$956 677	\$79,890	\$79,890
9/12/2014	9/12/2014		Lone Star Transmission LLC	42469	65,250 196 847	0 0000000	1 5696960	1 5696960	1,138 438 259	\$1 787 002	\$148 917	\$148 917
7/6/2018	7/6/2018		Cross Texas Transmission, LL	48369	67,273,101 059	0 0000000	1 1072500	1 1072500	1,138 438 259	\$1 260 536	\$105 045	\$105 045
9/25/2015	9/25/2015		Wind Energy Transmission Te	47476	63,680 709 638	0 0000000	1 8095350	1 8095350	1,138 438 259	\$2 060 044	\$171 670	\$171,670
7/2/2018	7/2/2018		Austin Energy	48352	67,273,101 059	1 0024700	1 1872140	0 1847440	1,138 438 259	\$210,320	\$17,527	\$17,527
11/4/2019	11/4/2019		Lyntegar Electric Coop	49943	69,368 963 500	0 0000000	0 0113650	0 0113650	1,138 438 259	\$12,938	\$1,078	\$1,078
4/13/2020	4/13/2020		Rayburn Country	50539	69,368 963 500	0 0214200	0 3301160	0 3096960	1,138 438 259	\$351,431	\$29 286	\$29 286
10/30/2019	10/30/2019		San Miguel Electric Coop	49900	69,368 963 500	0 03921000	0 0205010	0 0187090	1,138 438 259	(\$21 299)	(\$1 775)	(\$1 775)
11/10/2020	11/3/2020		Southwest Texas Electric Coop	50201	69,368 963 500	0 00040157	0 0009510	0 0005494	1,138 438 259	\$625	\$52	\$52
2/7/2020	2/7/2020		Houston County Electric Coop	50263	69,368 963 500	0 00380300	0 0017300	(0 0020730)	1,138 438 259	(\$2 360)	(\$197)	(\$197)
4/17/2020	4/17/2020		LamarCounty Coop	50036	69,368 963 500	0 00164370	0 0041350	0 0024913	1,138 438 259	\$2 836	\$236	\$236
TCRF Monthly Expense Sub Total												
\$3 446,237												
<u>Rate Case & Other Expenses</u>												
Lone Star WTS Credit												
1/1/2017	12/8/2016		Rider	46585	66 036 438 600		(0 090856925)	(0 09085889)	1 138 438 259	(\$103 437)	(\$8 620)	(\$8 620)
Lone Star WTS Tax Rate												
4/26/2018	5/1/2018		Change Rider	48101	66 036,438 600		(0 10996900)	(0 1099690)	1 138 438 259	(\$125 193)	(\$10 433)	(\$10 433)
4/1/2018	4/1/2018		WETT Tax Rate Change Rider	48127	63 680,709 638		(0 14363700)	(0 1436370)	1 138 438 259	(\$163 522)	(\$13 627)	(\$13 627)
1/1/2019	1/1/2019		WETT Tax Rate Change Rider	48874	67,273,101 059		(0 23688700)	(0 2368870)	1 138 438 259	(\$269,681)	(\$22 473)	(\$22,473)
1/6/2020			Rayburn Country Credit Rider	49921/49051	69,368 963 500		(0 06487050)	(0 0648705)	1,137,436 172	(\$73,786)	(\$6 149)	(\$6 149)
3/1/2020			TNMP RCE (3 years)	48591	69,368 963 500		0 02281000	0 02281000	1,138,438 259	\$3,199	\$267	\$267
4/23/2020	5/1/2020		Centerpoint UEDT Credit	49421	69,368,963 500		(0 13656000)	(0 1365600)	1,137,436 172	(\$155 328)	(\$12 944)	(\$12 944)
4/17/2020	5/1/2020		Lamar County Electric Coop	50036	69,368,963 500		0 00117807	0 00117807	1,137,436 172	\$1 340	\$112	\$112
4/6/2020	5/29/2020		AEP Texas Rider CRR	49494	69,368,963 500		(0 28831300)	(0 2883130)	1,137,436 172	(\$327 326)	(\$2645)	(\$2645)
TCRF Monthly Expense Update Amount												
\$3 369 725												

AEP Texas North Division Accounting Accrual Monthly Expense												Docket No. 50333 2020 ACP Update 1138 438,259												June starts full transmission revenue through TCRF											
Order Date (1)	Effective Date (2)	End Date (3)	Company (4)	Docket (5)	ERCOT Peak (6)	Old Rate Per kW (7)	New Rate Per kW (8)	Change in Rate Per kW (9)	2016 Billing Company Peak (10)	Annual TCRF Expense (11)	Monthly Expense June (12)	2019 Monthly Expense July (13)	2020 Monthly Expense July (14)	2020 Monthly Expense August (15)	2020 Monthly Expense September (16)	2020 Monthly Expense October (17)																			
7/23/2014	7/23/2014		San Antonio - CPS	42579	65,250 195,800	0 0000000	0 25970910	1 138 438,259	\$2,956,628	\$245,386	\$246,386	\$246,386	\$246,386	\$246,386	\$246,386	\$246,386																			
5/17/2019	5/17/2019	6/15/2020	Sharyland Utilities L.P.	48293/49519	67,273 101,059	0 0000000	0 5186620	1 138 438,259	\$590,465	\$49,205	\$26,243																								
6/17/2020	6/17/2020		Sharyland Utilities L.P.	50801	70,980 872,405	0 0000000	0 5320560	1 138 438,259	\$605,724	\$50,477	\$23,556	\$50,477	\$50,477	\$50,477	\$50,477	\$50,477																			
S/17/2019	S/17/2019		ONCOR North Texas Utilities	48293/49519	67,273 101,059	0 0000000	3,2283410	1 138 438,259	\$3,672,990	\$306,083	\$306,083	\$306,083	\$306,083	\$306,083	\$306,083	\$306,083																			
6/1/2020	6/1/2020		San Bernard Electric	50732	70,980 872,405	0 0000000	0 0570700	1 138 438,259	\$64,971	\$5,414	\$5,414	\$5,414	\$5,414	\$5,414	\$5,414	\$5,414																			
1/21/2020	1/21/2020		Fannin County	50218	69,368 963,500	0 0000000	0 0021920	1 138 438,259	\$2,495	\$208	\$208	\$208	\$208	\$208	\$208	\$208																			
3/17/2017	3/17/2017		City of College Station	46847	67,762 669,200	0 0000000	0 0552564	1 138 438,259	\$62,906	\$5,242	\$5,242	\$5,242	\$5,242	\$5,242	\$5,242	\$5,242																			
5/21/2020	5/21/2020		Cherry Creek Electric Coop	50395	59,919 104,900	0 0000000	0 0000000	1 138 438,259	\$5,704	\$475	\$475	\$475	\$475	\$475	\$475	\$475																			
9/23/2009	9/23/2009		IMPA (Reduction from 36392)	36384	59,919 104,900	0 0000000	0 0265639	1 138 438,259	\$5,996	\$489	\$489	\$489	\$489	\$489	\$489	\$489																			
11/5/2009	11/5/2009		Deep East Texas	37404	57,650 014,900	0 0000000	0 06532670	1 138 438,259	\$75,089	\$62,924	\$62,924	\$62,924	\$62,924	\$62,924	\$62,924	\$62,924																			
5/21/2009	5/21/2009		Dees Electric Coop	36762	57,650 014,900	0 0000000	0 0017100	1 138 438,259	\$1,947	\$162	\$162	\$162	\$162	\$162	\$162	\$162																			
9/11/2014	9/11/2014		GEUS	42581	67,250 196,800	0 0000000	0 0366300	1 138 438,259	\$41,018	\$3,418	\$3,418	\$3,418	\$3,418	\$3,418	\$3,418	\$3,418																			
1/11/2017	1/11/2017	1/7/2020	Farmers Electric Coop	47470	67,682 205,500	0 0000000	0 00996010	1 138 438,259	\$11,272	\$939	\$939	\$939	\$939	\$939	\$939	\$939																			
5/17/2020			STEC	50174	69,388 963,500	0 0000000	1 2355360	1 138 438,259	\$1,068,581	\$117,215	\$117,215	\$117,215	\$117,215	\$117,215	\$117,215	\$117,215																			
3/19/2019	3/19/2019	7/19/2020	Denton (DMEX)	48963	67,273 101,059	0 0000000	0 70448600	1 138 438,259	\$802,014	\$66,834	\$66,834	\$40,953																							
7/29/2020	7/29/2020		Denton (DMEX)	50110	70,980 872,405	0 0000000	0 74572900	1 138 438,259	\$848,956	\$70,747	\$70,747	\$70,747	\$70,747	\$70,747	\$70,747	\$70,747																			
3/1/2019	3/1/2019	8/2/2020	City of Garland	48802	67,273 101,059	0 0000000	0 76749000	1 138 438,259	\$873,740	\$72,812	\$72,812	\$56,370																							
8/25/2020			City of Garland	50830	70,980 872,405	0 0000000	0 8353530	1 138 438,259	\$951,000	\$79,251	\$79,251	\$79,251	\$79,251	\$79,251	\$79,251	\$79,251																			
1/2/2019	1/2/2019	3/25/2021	Timely Valley Electric Coop	48828	67,273 101,059	0 0000000	0 0107130	1 138 438,259	\$12,196	\$1,016	\$1,016	\$1,016	\$1,016	\$1,016	\$1,016	\$1,016																			
3/25/2011			Brownsville Public Utilities Board	38556	60,658 331,400	0 0000000	0 0970000	1 138 438,259	\$11,420	\$9,202	\$9,202	\$9,202	\$9,202	\$9,202	\$9,202	\$9,202																			
8/4/2011			Wood County (Initial TOCS filer)	39290	60,658 331,400	0 0000000	0 0025860	1 138 438,259	\$2,944	\$245	\$245	\$245	\$245	\$245	\$245	\$245																			
4/24/2018			Brown Texas Utilities	48123	67,273 101,059	0 0000000	0 4417790	1 138 438,259	\$502,938	\$41,912	\$41,912	\$41,912	\$41,912	\$41,912	\$41,912	\$41,912																			
5/19/2020	5/19/2020	9/16/2020	CenterPoint	50653	70,980 872,405	0 0000000	5 2254000	1 138 438,259	\$5,948,795	\$495,733	\$495,733	\$495,733	\$495,733	\$264,391																					
9/17/2020	9/17/2020		CenterPoint	51106	70,980 872,405	0 0000000	5 4512520	1 138 438,259	\$6,205,914	\$17,159	\$17,159	\$21,341		\$517,159																					
5/15/2020	5/15/2020	10/27/2020	AEP TX	50659	70,980 872,405	0 0000000	6 6799140	1 138 438,259	\$6,679,610	\$63,732	\$63,732	\$63,722	\$63,722	\$63,722	\$63,722	\$63,722																			
10/28/2020			AEP TX	51231	70,980 872,405	0 0000000	7 1850240	1 138 438,259	\$8,179,706	\$561,642						\$651,952	\$67,954																		
6/21/2018	6/21/2018	6/21/2018	ETT Golden Spread	48340	67,273 101,059	0 0000000	4 52589000	1 138 438,259	\$5,152,446	\$429,371	\$429,371	\$429,371	\$429,371	\$429,371	\$429,371	\$429,371																			
4/4/2019	4/4/2019		ETT Golden Spread	48500	67,273 101,059	0 0000000	0 03525000	1 138 438,259	\$40,130	\$3,344	\$3,344	\$3,344	\$3,344	\$3,344	\$3,344	\$3,344																			
3/26/2020	3/26/2020	9/7/2020	ONCOR	50490	69,368 963,500	0 0000000	14,396855539	1 138 438,259	\$1,369,931	\$1,365,828	\$1,365,828	\$1,365,828	\$1,365,828	\$1,365,828	\$1,365,828	\$1,365,828																			
9/8/2020			ONCOR	51115	70,980 872,405	0 0000000	14,9964630	1 138 438,259	\$1,072,547	\$1,422,712	\$1,422,712	\$1,422,712	\$1,422,712	\$1,422,712	\$1,422,712	\$1,422,712																			
1/7/2020	1/7/2020		Bandera Electric Coop	50189	69,368 963,500	0 0000000	0 06075500	1 138 438,259	\$69,166	\$5,764	\$5,764	\$5,764	\$5,764	\$5,764	\$5,764	\$5,764																			
4/3/2018	4/3/2018	9/21/2020	LCRA	50510	69,368 963,500	0 0000000	5 65224100	1 138 438,259	\$7,800,853	\$650,071	\$650,071	\$650,071	\$650,071	\$455,960																					
9/22/2020			LCRA	51145	70,980 872,405	0 0000000	7 19186200	1 138 438,259	\$187,491	\$682,291	\$682,291	\$682,291	\$682,291	\$45,486																					
9/24/2020			LCRA (FAYT)	50204	70,980 872,405	0 0000000	7 19262600	1 138 438,259	\$18,166	\$682,363	\$682,363	\$682,363	\$682,363	\$159,218																					
10/6/2015	10/3/2015	10/5/2020	Brazos	44754	63,685 709,638	0 0000000	1 8809410	1 138 438,259	\$2,118,566	\$176,547	\$176,547	\$176,547	\$176,547	\$176,547	\$28,475	\$150,380																			
10/6/2020			Brazos	50109	70,980 872,405	0 0000000	1 8809537	1 138 438,259	\$2,115,566	\$176,547	\$176,547	\$176,547	\$176,547	\$176,547	\$28,475	\$150,380																			
3/27/2020	3/27/2020	10/4/2020	TNMP	50481	69,368 963,500	0 0000000	1 14125150	1 138 438,259	\$1,301,411	\$108,451	\$108,451	\$108,451	\$108,451	\$108,451	\$108,451	\$108,451																			
10/5/2020			TNMP	51107	70,980 872,405	0 0000000	1 1716620	1 138 438,259	\$1,333,865	\$111,155						\$98,813																			
9/12/2014	9/12/2014		Long Star Transmission LLC	42469	65,250 196,847	0 0000000	1 5696960	1 138 438,259	\$1,787,002	\$148,917	\$148,917	\$148,917	\$148,917	\$148,917	\$148,917	\$148,917																			
7/6/2018	7/6/2018		Cross Texas Transmission LLC	43369	67,273 101,059	0 0000000	1 1072500	1 138 438,259	\$1,250,536	\$105,045	\$105,045	\$105,045	\$105,045	\$105,045	\$105,045	\$105,045																			
9/25/2015	9/25/2015		Wind Energy Transmission Texas, LLC	44746	63,680 709,638	0 0000000	1 8055350	1 138 438,259	\$2,060,044	\$171,670	\$171,670	\$171,670	\$171,670	\$171,670	\$171,670	\$171,670																			
7/2/2018	7/2/2018		Austin Energy	43852	67,273 101,059	0 0000000	1 1872140	1 138 438,259	\$1,351,570	\$112,631	\$112,631	\$112,631	\$112,631	\$112,631	\$112,631	\$112,631																			
11/4/2018	11/4/2018		Lynleaf Electric Coop	44943	63,680 709,638	0 0000000	1 1872140	1 138 438,259	\$1,015,570	\$12,936	\$12,936	\$12,936	\$12,936	\$12,936	\$12,936	\$12,936																			
11/2/2018	11/2/2018		Renton Country	50538	63,680 963,500	0 0000000	0 3321160	1 138 438,259	\$3,073,187	\$318,156	\$318,156	\$318,156	\$318,156	\$318,156	\$318,156	\$318,156																			
10/30/2019	10/30/2019		San Miguel Electric Coop	49900	59,368 963,500	0 0000000	0 0205010	1 138 438,259	\$2,339,545	\$145,545	\$145,545	\$145,545	\$145,545	\$145,545	\$145,545	\$145,545																			
1/10/2020	1/10/2020		Southwest Texas Electric Coop (SWTEC)	50201	69,368 963,500	0 0000000	0 009510	1 138 438,259	\$1,063,000	\$90	\$90	\$90	\$90	\$90	\$90	\$90																			
2/7/2020	2/7/2020	10/29/2020	Houston County Electric Coop (HCEC)	50263	69,368 963,500	0 0000000	0 0017300	1 138 438,259	\$1,970	\$164	\$164	\$164	\$164	\$164	\$164	\$164																			
10/20/2020	10/30/2020		Houston County Electric Coop (HCEC)	51195	70,980 872,405	0 0000000	0 0195770	1 138 438,259	\$22,401	\$1,667						\$120																			
4/17/2020	4/17/2020	10/14/2020	Lamar County	50036	69,368 963,500	0 0000000	0 0041350	1 138 438,259	\$4,707	\$392	\$392	\$392	\$392	\$392	\$392	\$392																			
10/14/2020			Rio Grande Electric Coop	31250	70,980 872,405	0 0000000	0 0044300	1 138 438,259	\$5,043	\$420	\$420	\$420	\$420	\$420	\$420	\$420																			
7/8/1997	7/8/1997	8/26/2020	Florisville Electric Power System	15727																															

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Total Class Data

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$3,369,725
3	Class Allocation Factor	100.00%
4	Class TCRF Not in Base	\$3,369,725
5	Class TCRF Revenue	\$2,923,322
6	ADJP1	\$0
7	ADJP2	(\$21,932)
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$2,945,254
9	Under/(Over) Recovery	\$424,471
10	Cummulative Under/(Over) Recovery	\$424,471

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas North Division
 Semi-Annual TCRF Update
 March 2021

TCRF Expense and Revenue Adjustment Workpaper
 Residential

Semi-Annual TCRF Class Adjustment Calculation for March 2021
 Residential

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$3,369,725
3	Class Allocation Factor	46.553%
4	Class TCRF Not in Base	\$1,568,723
5	Class TCRF Revenue	1,293,278.38
6	ADJP1	\$0
7	ADJP2	(\$57,838)
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$1,351,116
9	Under/(Over) Recovery	\$217,607
10	Cummulative Under/(Over) Recovery	\$217,607

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Secondary <= 10 kW

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$3,369,725
3	Class Allocation Factor	2.897%
4	Class TCRF Not in Base	\$97,624
5	Class TCRF Revenue	86,971.24
6	ADJP1	\$0
7	ADJP2	\$1,569
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$85,402
9	Under/(Over) Recovery	\$12,223
10	Cummulative Under/(Over) Recovery	\$12,223

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas North Division
 Semi-Annual TCRF Update
 March 2021

TCRF Expense and Revenue Adjustment Workpaper
 Secondary>10kW4CP

Semi-Annual TCRF Class Adjustment Calculation for March 2021
 Secondary > 10 kW IDR

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$3,369,725
3	Class Allocation Factor	5 994%
4	Class TCRF Not in Base	\$201,982
5	Class TCRF Revenue	186,358.02
6	ADJP1	\$0
7	ADJP2	-\$12,101
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$198,459
9	Under/(Over) Recovery	\$3,522
10	Cummulative Under/(Over) Recovery	\$3,522

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas North Division
 Semi-Annual TCRF Update
 March 2021

TCRF Expense and Revenue Adjustment Workpaper
 Secondary>10kWNCP

Semi-Annual TCRF Class Adjustment Calculation for March 2021
 Secondary > 10 kW Non-IDR

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$3,369,725
3	Class Allocation Factor	30 869%
4	Class TCRF Not in Base	\$1,040,205
5	Class TCRF Revenue	903,828.63
6	ADJP1	\$0
7	ADJP2	\$49,529
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$854,299
9	Under/(Over) Recovery	\$185,906
10	Cummulative Under/(Over) Recovery	\$185,906

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas North Division
Semi-Annual TCRF Update
March 2021

TCRF Expense and Revenue Adjustment Workpaper
Primary4CP

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Primary IDR

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$3,369,725
3	Class Allocation Factor	12.388%
4	Class TCRF Not in Base	\$417,429
5	Class TCRF Revenue	399,159.58
6	ADJP1	\$0
7	ADJP2	(\$3,757)
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$402,917
9	Under/(Over) Recovery	\$14,512
10	Cummulative Under/(Over) Recovery	\$14,512

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas North Division
Semi-Annual TCRF Update
March 2021

TCRF Expense and Revenue Adjustment Workpaper
PrimaryNCP

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Primary Non-IDR

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$3,369,725
3	Class Allocation Factor	0.699%
4	Class TCRF Not in Base	\$23,565
5	Class TCRF Revenue	20,357.35
6	ADJP1	\$0
7	ADJP2	\$3,315
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$17,042
9	Under/(Over) Recovery	\$6,523
10	Cummulative Under/(Over) Recovery	\$6,523

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas North Division
Semi-Annual TCRF Update
March 2021

TCRF Expense and Revenue Adjustment Workpaper
Transmission

Semi-Annual TCRF Class Adjustment Calculation for March 2021
Transmission

Line	Description	May
1	Period (p)	1
2	TCRF Expense Not in Base	\$3,369,725
3	Class Allocation Factor	0.599%
4	Class TCRF Not in Base	\$20,198
5	Class TCRF Revenue	33,368.98
6	ADJP1	\$0
7	ADJP2	-\$2,649
8	Adjusted Class TCRF Revenue (8 = 5 - 6 - 7)	\$36,018
9	Under/(Over) Recovery	(\$15,820)
10	Cummulative Under/(Over) Recovery	(\$15,820)

ADJP1 = 1/6th of over/(under) recovery from previous TCRF update true-up periods 5 & 6

ADJP2 = 1/6th of over/(under) recovery from second previous TCRF update true-up periods 1 through 4

AEP Texas North Division
 Semi-Annual TCRF Update
 March 2021

TCRF Expense and Revenue Adjustment Workpaper
 May-Oct TCRF Revenue

		2020											
TARF_DESC	EQTN_CD	EQTN_SHRT_DESC_TX	MAY_REVENUE	JUN_REVENUE	JUL_REVENUE	AUG_REVENUE	SEP_REVENUE	OCT_REVENUE	TOT_REVENUE				
RESIDENTIAL	ST50	RS-TCRF	1,293,278.38	1,898,000.50	2,416,754.15	2,526,613.44	3,180,218.56	2,159,565.36	\$13,474,430.39				
SEC GS<=10KW	ST51	GS<10 TCRF	86,971.24	89,401.72	104,764.14	108,720.95	119,329.06	101,768.39	\$610,955.50				
SEC GS>10KW NCP	ST52	GS>10KW NCP TCRF	903,828.63	1,301,655.27	1,364,947.24	1,407,988.79	1,614,638.09	1,490,144.30	\$8,083,202.32				
SEC GS>10KW 4CP	ST53	GS>10-KW 4CP TCRF	186,358.02	134,471.71	259,125.71	262,844.45	277,828.85	268,333.23	\$1,388,961.97				
PRIMARY SERVICE NCP	ST54	PRI-TX NCP TCRF	20,357.35	54,504.85	60,635.37	69,043.06	66,532.09	70,512.69	\$341,585.41				
PRIMARY SERVICE 4CP	ST55	PRI-TX 4CP TCRF	399,159.58	937,246.28	945,723.77	945,658.42	1,024,862.93	1,061,613.78	\$5,314,264.76				
TRNS SRV	ST56	TRA-TX 4CPTCRF	33,368.98	226,567.37	202,847.50	224,599.35	270,541.13	276,149.94	\$1,234,074.27				
TOTAL PERIOD REVENUE ALL CLASSES			\$2,923,322.18	\$4,641,847.70	\$5,354,797.88	\$5,545,468.46	\$6,553,950.71	\$5,428,087.69	\$30,447,474.62				

AEP Texas North Division
 Semi-Annual TCRF Update
 March 2021

TCRF Expense and Revenue Adjustment Workpaper
 March_Aug 2020 UNITS

Tariff Description	202003	202004	202005	202006	202007	202008	Sum:
RS	129,412,809.00	109,852,745.00	134,467,243.00	170,794,610.00	217,474,291.00	227,360,332.00	989,362,030.00
GS<=10KW	14,171,623.00	12,921,115.00	13,296,485.00	14,882,716.00	17,439,825.00	18,098,957.00	90,810,721
GS>10KW NCP	416,951.90	374,640.00	389,898.20	419,388.60	437,626.40	447,374.90	2,485,880
GS>10KW 4CP	67,392.10	67,259.20	67,822.50	21,719.40	57,590.70	58,631.20	340,415
PS PRIM NCP	27,465.70	24,422.50	21,278.70	19,054.70	22,370.00	23,440.00	138,032
PS PRIM 4CP	214,658.90	210,256.20	213,865.90	208,435.50	209,937.20	209,771.40	1,266,925
TRANS	25,777.70	54,201.30	44,521.40	56,211.30	50,325.40	55,719.20	286,756.30

AEP Texas North Division
Semi-Annual TCRF Update
March 2021

TCRF Expense and Revenue Adjustment Workpaper
March 2020 TCRF Adj

AEP Texas North TCRF Calculation By Class
March 2020 TCRF Update

Semi-Annual Updated Revenue Requirement - (NWTR - BWTR)/2 \$19,606,226 \$3,267,704

Estimated Revenue By Rate Class		TCRF Class*	Incremental TCRF	Adjustment to TCRF	Total TCRF Update March 2020	Type of Billing Determinant	March - August Determinants	Price Per Unit	TCRF Revenue	ADJP2 One-sixth of Adjustment
Class Description	Allocation %									
Residential	46.553%	\$9,127,374	(\$347,028)	\$8,780,345	kWh	912,876,126	\$0.009618	\$8,780,043	(57,838)	
Secondary Less Than or Equal to 10 kW	2.897%	\$568,013	\$9,417	\$577,430	kWh	88,246,271	\$0.006543	\$577,395	1,569	
Secondary Greater Than 10 kW										
IDR	5.994%	\$1,175,198	(\$72,608)	\$1,102,590	Avg 4CP	400,265	\$2.754654	\$1,102,590	(12,101)	
Non-IDR	30.869%	\$6,052,272	\$297,176	\$6,349,447	Monthly Max kW	2,696,260	\$2.354909	\$6,349,447	49,529	
Primary Service										
IDR	12.388%	\$2,428,743	(\$22,544)	\$2,406,199	Avg 4CP	1,281,689	\$1.877365	\$2,406,199	(3,757)	
Non-IDR	0.699%	\$137,106	\$19,893	\$156,999	Monthly Max kW	158,238	\$0.992174	\$156,999	3,315	
Transmission Service	0.599%	\$117,520	(\$15,896)	\$101,624	Avg 4CP	135,542	\$0.749757	\$101,624	(2,649)	
Total		\$19,606,226	(\$131,591)	\$19,474,635				\$19,474,297	(21,932)	

*Allocation table based on the Docket No. 33310 transmission allocator

AEP TEXAS
TARIFF FOR ELECTRIC DELIVERY SERVICE
Applicable: Certified Service Area
Chapter: 6 Section: 6.1.1
Section Title: Delivery System Charges
Revision: Second Effective Date: March 1, 2021

Attachment D

T

6.1.1.4.1.1 Rider TCRF - Transmission Cost Recovery Factor

Residential	\$0.010971	per kWh	R
Secondary Service Less Than or Equal to 10 kW	\$0.006309	per kWh	R
Secondary Service Greater Than 10 kW			I
	4CP \$4.835695	per Avg.4CP kW	I
	NCP \$4.248470	per kW	I
Primary Service			I
	4CP \$5.123462	per Avg.4CP kW	I
	NCP \$3.519083	per kW	I
Transmission Service	\$4.641792	per Avg.4CP kW	R

NOTICE

This rate schedule is subject to the Company's Tariff and Applicable Legal Authorities

TARIFF FOR ELECTRIC DELIVERY SERVICE

Applicable: Certified Service Area previously served by AEP Texas North Company

Chapter: 6 Section: 6.1.1

Section Title: Delivery System Charges

Revision: Second Effective Date: March 1, 2021

T**6.1.1.4.9 Rider TNTC – Texas North Transmission Credit****APPLICABILITY:**

Rider TNTC is applicable to Transmission Voltage Delivery Service customers in the Company's certificated service area previously served by AEP Texas North Company.

EFFECTIVE PERIOD:

Rider TNTC will be applied to the Retail Customer's Retail Electric Provider beginning with the effective date of the rates approved in the Final Order in AEP Texas' base rate case, Docket No. 49494. Rider TNTC will remain in effect for a period of two years or four TCRF rider updates starting with the TCRF rider filed in compliance with the Final Order in Docket No. 49494. The Rider TNTC credit factor will be updated in conjunction with each of the next three subsequent TCRF rider updates based on the North Transmission Class 4CP billing determinant used in the TCRF rider update.

CREDIT AMOUNT:

The credits derived herein are pursuant to the requirements of Final Order in AEP Texas' base rate case in Docket No. 49494. Per the Order, the total annual credit is \$300,000 per year, or \$150,000 per TCRF update, for a period of two years or four TCRF updates included in the effective period after which time the credit will expire.

CREDIT DETERMINATION

\$150,000 / TCRF Transmission Billing Units

CREDIT FACTOR

Rate Schedule	Factor	Unit	
Transmission Service	(\$0.52)	Per Transmission 4CP kW	R

NOTICE:

This Rate Schedule is subject to the Company's Tariff and Applicable Legal Authority.

NOTICE

Attached hereto is a copy of the Petition of AEP Texas Inc. (AEP Texas or Company) For Administrative Approval of Transmission Cost Recovery Factors filed with the Public Utility Commission of Texas (Commission) on November 24, 2020. The Petition has been assigned Docket No. _____. The requested effective date is March 1, 2021.

An intervention and comment deadline will be established by the Commission. Anyone who wishes to intervene, file comments, or obtain further information regarding this proceeding should contact the Public Utility Commission of Texas, P. O. Box 13326, Austin, Texas 78711-3326 or call the Commission's Office of Consumer Protection at (512)936-7120 or (888)782-8477. Hearing and speech-impaired individuals with the text telephones (TTY) may contact the Commission at (512)936-7136. All communications should refer to Docket No. _____.

AEP Texas may be contacted about this filing by contacting Mr. Steven Beaty, 400 West 15th Street, Suite 1520, Austin, Texas 78701, telephone (512)481-4550, fax (512)481-4591, or E-mail: sjbeaty@aep.com.