

Control Number: 50448



Item Number: 18

Addendum StartPage: 0

SOUTHWESTERN PUBLIC SERVICE COMPANY FUEL COST REPORT FOR THE MONTH OF MARCH 2020 PROJECT NUMBER 50448



Current System Fu	Current System Fuel Factor (¢/kwh):		BY				
	,, ,	0.016118	NON-	ILINGTOTAL PAR			
TOTAL SYSTEM FUEL AND PURCHASED PO	ACCOUNT WER COSTS	RECONCILABLE	RECONCILABLE	OTOTAL			
Fuel Cost:		_					
Fuel	501	\$10,808,394.99		\$10,808,394.99			
Environmental Consumable Chemicals	502	29,263.98		\$29,263.98			
Steam-Other Sources	503	0.00		0.00			
Less: Coal Residual Disposal	501	(1.37)		(1.37)			
Total Fuel Cost		\$10,837,660.34	\$0.00	\$10,837,660.34			
Allowances	509	\$0.00		\$0.00			
Other Fuel Cost	547	481,374.71		481,374.71			
Purchased Power Cost	555	29,042,803.18		29,042,803.18			
Transmission of Electricity by Others	565	0.00_		0.00			
TOTAL SYSTEM COST		\$40,361,838.23	\$0.00	\$40,361,838.23			
LESS (from Texas Retail Collections detail):							
Off-System Sales Energy Cost		\$3,817,798.59		\$3,817,798.59			
Off-System Sales Energy Margin (5)		1,304,733.32		1,304,733.32			
LPL Capacity Reserves Credit (10)		960,000.00		960,000.00			
Federal Production Tax Credit (PTC) (9)		5,859,517.10		5,859,517.10			
TUCO Handling Costs (7)		2,700,711.03		2,700,711.03			
Renewable Energy Credits (3)		110,094.21		110,094.21			
SunEd Direct Assigned Costs to New Mexi	co Retail	844,431.50		844,431.50			
Disallowed Resources (8)		559,322.94		559,322.94			
Variable O & M Costs (Long-term PPAs) (6)	651,118.65		651,118.65			
NET SYSTEM COST		\$23,554,110.89	\$0.00	\$23,554,110.89			
To an Botall Allowsky (Torres Botall/Table)		0.50477707000		0.5047776070000			
Texas Retail Allocator (Texas Retail/Total Sy SUB TOTAL	stem)	0.5817776372808 \$13,703,254.98	\$0.00	0.5817776372808 \$13,703,254.98			
ARR and TCR Credits		(\$3,117,208.61)		(3,117,208.61)			
Retail Allocator (Texas Retail/(Texas Reta plus New Mexico Retail)	il	0.6440957681325	-	0.6440957681325			
Texas Allocated Share of ARR/TCR Credits		(\$2,007,780.87)	\$0.00	(\$2,007,780.87)			
TEXAS RETAIL FUEL AND PURCHASED POWER		\$11,695,474.11	\$0.00	\$11,695,474.11			
		FUE:					
	ACCOUNT	FUEL REVENUES	kWh SALES				
TEXAS RETAIL REVENUES & SALES	_						
Residential	440	\$3,217,192.73	190,909,133				
Commercial & Industrial	442	13,509,238.73	848,816,213				
Street & Highway	444	38,289.92	2,272,131				
Public Authorities TOTAL TEXAS RETAIL	445	533,303.45	31,686,727 1,073,684,205				
TOTAL TEXAS RETAIL		\$17,298,024.83	1,073,684,203				
		OVER(UNDER)	WITEREST	TOT#:			
AVERAGE PROCESS OF THE CONTRACT OF THE CONTRAC		RECOVERY	INTEREST 2 250	TOTAL			
OVER(UNDER) RECOVERY OF FUEL COSTS	<u> </u>	Interest Rate :	2.35%				
Beginning Cumulative Balance		\$49,275,646.47	\$540,654.94	\$49,816,301.41			
Current Month		5,602,550.72	96,521.66	5,699,072.38			
Prior Period Adjustment (1)		133.12	2.34	135.46			
Electric Commodity Trading Margin (2)		0.00	0.00	0.00			
Sulfur Dioxide Emission Allowance Credits	(4)	0.00	0.00	0.00			
Ending Cumulative Balance		\$54,878,330.31	\$637,178.94	\$55,515,509.25			
(1) Prior Surcharge/Refund Amounts Docke (2) Per Order in PUC Docket No. 42004, Pag (3) Per Order in PUC Docket No. 47527, Pag (4) Per Order in PUC Docket No. 29801, Pag 16 Tex. Admin. Code § 25.236(a)(4)	<u>ie 7</u> je 15	(5) Per Order in PUC Docke (6) Per Order in PUC Docke (7) Per Order in PUC Docke (8) Per Order in PUC Docke (9) Per Order in PUC Docke (10) Per SOAH Order No. 2	et No. 35763, Page 5 et No. 32766, Page 4 - 5 et No. 48973, Page 25 et No. 46936, Page 19				

SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT FOR THE MONTH OF MARCH 2020 PROJECT NUMBER 50448

NET SYSTEM FUEL COST				
Total Company Fuel Cost				\$11,319,035.05
Plus: Energy Cost of Purchased Power				29,042,803.18
Plus: Transmission of Electricity by Others				0.00
Less: Off-System Sales Energy Cost				3,817,798.59
Less: Off-System Sales Energy Margin (5)				1,304,733.32
Less: LPL Capacity Reserves Credit (10)				960,000.00
Less: Federal Production Tax Credit (PTC) (9	9)			5,859,517.10
Less: TUCO Handling Costs (7)	•			2,700,711.03
Less: Renewable Energy Credits (3)				110,094.21
Less: SunEd Direct Assigned Costs to New I	Mexico Retail			844,431.50
Less: Disallowed Resources (8)				559,322.94
Less: Variable O & M Costs (Long-term PPA	s) (6)			651,118.65
NET SYSTEM FUEL COST				 \$23,554,110.89
TEXAS RETAIL ALLOCATOR				0.5817776372808
SUB TOTAL				\$13,703,254.98
Plus: Texas Allocated Share of ARR/TCR Cre	edits			(\$2,007,780.87
TEXAS RETAIL ACTUAL FUEL COST FACTOR	<u>. </u>			
Texas Retail Applicable Fuel Cost				\$11,695,474.11
Texas Retail kWh Billed				 1,073,684,205
TEXAS RETAIL ACTUAL FUEL COST FACT	OR			 0.0108928435938
TEXAS RETAIL				
Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR *	kWh @ Source	
Secondary 03	392,005,040 *	1.126935 =	441,764,200	
Primary 05	164,583,070 *	1.105898 =	182,012,088	
Sub-Transmission 07	90,451,921 *	1.035919 =	93,700,864	
Backbone Transmission 09	426,644,173 *	1.029633 =	439,286,920	
Total Texas Retail kWh Sales @ Source	1,073,684,205	1.0773783082896	1,156,764,072	
TEXAS RETAIL OVER/(UNDER) RECOVERY				
Texas Retail Fuel Revenue				\$17,298,024.83
			ACTUAL FUEL COST	
Actual Fuel Cost	<u>kWh BILLED</u>	LOSS MULTIPLIER	FACTOR	
Secondary	392,005,040 *	1.0459974841976 *	0.0108928435938 =	\$ 4,466,461.14
Primary	164,583,070 *	1.0264713810283 *	0.0108928435938 =	1,840,234.94
Sub-Transmission	90,451,921 *	0.9615183376437 *	0.0108928435938 =	947,363.47
Backbone Transmission	426,644,173 *	0.9556838039877 *	0.0108928435938 =	4,441,414.56
Total Texas Retail Actual Fuel Cost	1,073,684,205	***************************************		\$ 11,695,474.11
TOTAL OVER (UNDER) RECOVERY OF FUEL	COST CURRENT MON	ITU		\$5,602,550.72

^{*} Line loss factors per Order in PUC Docket No. 47527, Page 14.

SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT FOR THE MONTH OF MARCH 2020 PROJECT NUMBER 50448

Calculation of Materiality Threshold

\$190,455,151.14

TEXAS RETAIL FUEL AND PURCHASED POWER - from each monthly report

Apr-19	\$14,268,773.18
May-19	\$16,969,916.51
Jun-19	\$12,426,775.32
Jul-19	\$19,520,691.28
Aug-19	\$19,628,702.18
Sep-19	\$20,069,981.48
Oct-19	\$15,576,372.28
Nov-19	\$18,833,611.54
Dec-19	\$14,997,344.89
Jan-20	\$13,930,786.65
Feb-20	\$12,536,721.72
Mar-20	\$11,695,474.11

Total of Rolling 12 Months Threshold Percentage Materiality Threshold

4%

7,618,206.05

SOUTHWESTERN PUBLIC SERVICE COMPANY OFF-SYSTEM SALES MARGIN FUEL COST REPORT FOR THE MONTH OF MARCH 2020 PROJECT NUMBER 50448

Prior Month Margins (December 1 thru 17, 2019) \$6,235.22 100% (12) \$6,235.22 Prior Month Margins (December 18 thru 31, 2019) \$4,117.75 90% (11) \$3,705.98 Current Month Margins (January 1 thru 31, 2020) \$0.00 90% (11) \$0.00 Current Month Margins (February 1 thru 29, 2020) (\$0.01) 90% (11) \$0.00 Current Month Margins (March 1 thru 31, 2020) \$1,443,530.14 90% (11) \$1,299,177.13 Current Month 10% Margins (Adj) for Disallowed Resources (\$4,385.00) (8) (\$4,385.00) Company Net Margin Sharing \$1,449,498.10 90% (11) \$1,299,177.13 Texas Retail Allocator C \$759,064.67 \$1,304,733.32 Texas Retail Wh Billed K \$759,064.67 \$1,073,684,205 Texas Retail Off-System Sales Margin Factor = C/K = LOSS MULTIPLIER MARGIN CREDIT FACTOR Secondary 392,005,040 1.0459974841976 0.0007069720005 = \$289,884.17 Primary 164,583,070 1.0264713810283 0.0007069720005 = \$289,884.17 Primar	OFF-SYSTEM SALES MARGIN Off-System Sales Revenue Off-System Sales Energy Cost Off-System Sales Margins - Adjustment for Di Off-System Sales Other Cost of Sales Margin (Revenue - Fuel Cost + Adj for Disallor	·	•			\$5,271,681.69 3,817,798.59 (4,385.00) 0.00 \$1,449,498.10
Prior Month Margins (December 1 thru 17, 2019) \$6,235.22 100% (12) \$6,235.22 Prior Month Margins (December 18 thru 31, 2019) \$4,117.75 90% (11) \$3,705.98 Current Month Margins (January 1 thru 31, 2020) \$0.00 90% (11) \$0.00 Current Month Margins (February 1 thru 29, 2020) \$0.01) 90% (11) \$0.01 Current Month Margins (March 1 thru 31, 2020) \$1,443,530.14 90% (11) \$1,299,177.13 Current Month 10% Margins (Adj) for Disallowed Resources (\$4,385.00) \$1,449,498.10 \$1,304,733.32 Texas Retail Allocator C \$759,064.67 Texas Applicable Margin Credit C \$759,064.67 Total Texas Retail kWh Billed K			Total Margins	Sharing Percentage		
Prior Month Margins (December 18 thru 31, 2019) \$4,117.75 90% (11) \$3,705.98	Prior Month Margins (December 1 thru 17, 201	19)			(12)	\$6,235.22
Current Month Margins (January 1 thru 31, 2020) \$0.00 90% (11) \$0.00 Current Month Margins (February 1 thru 29, 2020) (\$0.01) 90% (11) \$0.00 Current Month Margins (March 1 thru 31, 2020) \$1,443,530.14 90% (11) \$1,299,177.13 Current Month 10% Margins (Adj) for Disallowed Resources (\$4,385.00) (\$4,385.00) (\$4,385.00) Company Net Margin Sharing \$1,449,498.10 \$1,304,733.32 Texas Retail Allocator 0.5817776372808 Texas Applicable Margin Credit C \$759,064.67 Total Texas Retail kWh Billed K 1,073,684,205 Texas Retail Off-System Sales Margin Factor = C/K = WARGIN CREDIT FACTOR OFF-SYSTEM SALES MARGIN kWh BILLED LOSS MULTIPLIER MARGIN CREDIT FACTOR Secondary 392,005,040 * 1.0459974841976 0.0007069720005 \$ 289,884.17 Primary 164,583,070 * 1.0264713810283 0.0007069720005 \$ 119,435.72 Sub-Transmission 90,451,921 * 0.9615183376437 0.0007069720005 \$ 2289,258.59 Ba						,
Current Month Margins (February 1 thru 29, 2020)					` '	
Current Month Margins (March 1 thru 31, 2020) \$1,443,530.14 (\$4,385.00) 90% (11) \$1,299,177.13 (\$4,385.00) Current Month 10% Margins (Adj) for Disallowed Resources Company Net Margin Sharing \$1,449,498.10 (\$4,385.00) (\$1,304,733.32) Texas Retail Allocator 0.5817776372808 0.5817776372808 Texas Applicable Margin Credit C \$759,064.67 Total Texas Retail kWh Billed K 0.0007069720005 Texas Retail Off-System Sales Margin Factor = C/K = 0.0007069720005 0.0007069720005 Secondary 392,005,040 * 1.0459974841976 * 0.0007069720005 = \$289,884.17 Primary 164,583,070 * 1.0264713810283 * 0.0007069720005 = \$119,435.72 \$19,435.72 Sub-Transmission 90,451,921 * 0.9615183376437 * 0.0007069720005 = \$288,258.59 61,486.19 Backbone Transmission 426,644,173 * 0.9556838039877 * 0.0007069720005 = \$288,258.59	Current Month Margins (February 1 thru 29, 2	020)	(\$0.01)	90%		(\$0.01)
Company Net Margin Sharing \$1,449,498.10 \$1,304,733.32 Texas Retail Allocator 0.5817776372808 Texas Applicable Margin Credit C \$759,064.67 Total Texas Retail kWh Billed K 1,073,684,205 Texas Retail Off-System Sales Margin Factor = C/K = 0.0007069720005 OFF-SYSTEM SALES MARGIN kWh BILLED LOSS MULTIPLIER FACTOR Secondary 392,005,040 * 1.0459974841976 * 0.0007069720005 \$289,884.17 Primary 164,583,070 * 1.0264713810283 * 0.0007069720005 = \$119,435.72 Sub-Transmission 99,451,921 * 0.9615183376437 * 0.0007069720005 = \$61,486.19 Backbone Transmission 426,644,173 * 0.9556838039877 * 0.0007069720005 = \$288,258.59 Standard	Current Month Margins (March 1 thru 31, 2020)) [*]		90%	• •	** *
Texas Retail Allocator 0.5817776372808 Texas Applicable Margin Credit C \$759,064.67 Total Texas Retail kWh Billed K 1,073,684,205 Texas Retail Off-System Sales Margin Factor = C/K = 0.0007069720005 OFF-SYSTEM SALES MARGIN kWh BILLED LOSS MULTIPLIER MARGIN CREDIT FACTOR Secondary 392,005,040 * 1.0459974841976 * 0.0007069720005 = \$ 289,884.17 Primary 164,583,070 * 1.0264713810283 * 0.0007069720005 = 119,435.72 Sub-Transmission 90,451,921 * 0.9615183376437 * 0.0007069720005 = 61,486.19 Backbone Transmission 426,644,173 * 0.9556838039877 * 0.0007069720005 = \$288,258.59	Current Month 10% Margins (Adj) for Disallow	red Resources	(\$4,385.00)		(8)	(\$4,385.00)
Texas Applicable Margin Credit C \$759,064.67	Company Net Margin Sharing	•	\$1,449,498.10			\$1,304,733.32
Total Texas Retail kWh Billed K 1,073,684,205 Texas Retail Off-System Sales Margin Factor = C/K = 0.0007069720005 OFF-SYSTEM SALES MARGIN kWh BILLED LOSS MULTIPLIER FACTOR Secondary 392,005,040 * 1.0459974841976 * 0.0007069720005 = \$ 289,884.17 Primary 164,583,070 * 1.0264713810283 * 0.0007069720005 = \$ 119,435.72 Sub-Transmission 90,451,921 * 0.9615183376437 * 0.0007069720005 = 61,486.19 Backbone Transmission 426,644,173 * 0.9556838039877 * 0.0007069720005 = \$288,258.59	Texas Retail Allocator					0.5817776372808
Texas Retail Off-System Sales Margin Factor = C/K = 0.0007069720005 OFF-SYSTEM SALES MARGIN kWh BILLED LOSS MULTIPLIER MARGIN CREDIT FACTOR Secondary 392,005,040 * 1.0459974841976 * 0.0007069720005 \$ 289,884.17 Primary 164,583,070 * 1.0264713810283 * 0.0007069720005 119,435.72 Sub-Transmission 90,451,921 * 0.9615183376437 * 0.0007069720005 61,486.19 Backbone Transmission 426,644,173 * 0.9556838039877 0.0007069720005 \$288,258.59	Texas Applicable Margin Credit	С				\$759,064.67
OFF-SYSTEM SALES MARGIN kWh BILLED LOSS MULTIPLIER MARGIN CREDIT FACTOR Secondary 392,005,040 * 1.0459974841976 * 0.0007069720005 = \$ 289,884.17 Primary 164,583,070 * 1.0264713810283 * 0.0007069720005 = 119,435.72 Sub-Transmission 90,451,921 * 0.9615183376437 * 0.0007069720005 = 61,486.19 Backbone Transmission 426,644,173 * 0.9556838039877 * 0.0007069720005 = \$288,258.59	Total Texas Retail kWh Billed	K				1,073,684,205
OFF-SYSTEM SALES MARGIN kWh BILLED LOSS MULTIPLIER FACTOR Secondary 392,005,040 * 1.0459974841976 * 0.0007069720005 = \$ 289,884.17 Primary 164,583,070 * 1.0264713810283 * 0.0007069720005 = 119,435.72 Sub-Transmission 90,451,921 * 0.9615183376437 * 0.0007069720005 = 61,486.19 Backbone Transmission 426,644,173 * 0.9556838039877 * 0.0007069720005 = \$288,258.59	Texas Retail Off-System Sales Margin Factor	= C/K =				0.0007069720005
Secondary 392,005,040 * 1.0459974841976 * 0.0007069720005 = \$ 289,884.17 Primary 164,583,070 * 1.0264713810283 * 0.0007069720005 = 119,435.72 Sub-Transmission 90,451,921 * 0.9615183376437 * 0.0007069720005 = 61,486.19 Backbone Transmission 426,644,173 * 0.9556838039877 * 0.0007069720005 = \$288,258.59				MARGIN CREDIT		
Primary 164,583,070 * 1.0264713810283 * 0.0007069720005 = 119,435.72 Sub-Transmission 90,451,921 * 0.9615183376437 * 0.0007069720005 = 61,486.19 Backbone Transmission 426,644,173 * 0.9556838039877 * 0.0007069720005 = \$288,258.59	OFF-SYSTEM SALES MARGIN	kWh BILLED	LOSS MULTIPLIER	FACTOR	_	
Sub-Transmission 90,451,921 * 0.9615183376437 * 0.0007069720005 = 61,486.19 Backbone Transmission 426,644,173 * 0.9556838039877 * 0.0007069720005 = \$288,258.59	Secondary	392,005,040 *	1.0459974841976 *	0.0007069720005	= \$	289,884.17
Backbone Transmission 426,644,173 * 0.9556838039877 * 0.0007069720005 = \$288,258.59		164,583,070 *	1.0264713810283 *	0.0007069720005	=	119,435.72
	Sub-Transmission	90,451,921 *	0.9615183376437 *	0.0007069720005	=	61,486.19
Total Texas Retail Sales Margin Credit 1,073,684,205 \$ 759,064.67	Backbone Transmission	426,644,173 *	0.9556838039877 *	0.0007069720005	=	
	Total Texas Retail Sales Margin Credit	1,073,684,205			\$	759,064.67

⁽¹¹⁾ Per Order in PUC Docket No. 48973, Page 23 (12) Per Order in PUC Docket No. 47527, Page 14

SOUTHWESTERN PUBLIC SERVICE COMPANY FUEL COST REPORT FOR THE MONTH OF MARCH 2020 PROJECT NUMBER 50448

TEXAS RETAIL ALLOCATOR Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR *	kWh @ Source
Secondary 03	349,391,540 *	1.126935 =	393,741,555
Primary 05	162,175,506 *	1.105898 =	179,349,568
Sub-Transmission 07	95,392,771 *	1.035919 =	98,819,184
Backbone Transmission 09	448,361,453 * _ 1,055,321,270	1.029633 = 1.0741355137544	461,647,748 1,133,558,055
	1,000,021,210	1.0741353137344	1,133,336,033
TX Retail - Est. March Billed in May Total Texas Retail kWh Sales @ Source	14,506,870	1.0741355137544	15,582,344 1,149,140,399
70101 10100 10101 10110 6 000100		=	1,140,140,000
otal NM Retail Sales @ Source	kWh BILLED	LOSS FACTOR *	kWh @ Source
Secondary 02 and 03	159,786,239 *	1.126935 =	180,068,705
Primary 05	176,000,896 *	1.105898 =	194,639,039
Sub-Transmission 07	13,992,980 *	1.035919 =	14,495,594
Backbone Transmission 09	220,294,837 *	1.029633 =	226,822,834
	570,074,952	1.0806055769688	616,026,172
NM Retail - Est. March Billed in May	17,534,259	1.0806055769688	18,947,618
Total NM Retail kWh Sales @ Source		=	634,973,790
Total Applicable Company kWh Sales @ Source	e		
Total Texas Retail Sales @ Source (kWh)			1,149,140,399
Plus: Total New Mexico Retail Sales @ Source	ce (kWh)		634,973,790
Plus: SPS Wholesale Sales @ Source (kWh)		_	191,108,517
Total Applicable Company kWh Sales @ So	eurce	=	1,975,222,706
TEXAS RETAIL ALLOCATOR		=	0.5817776372808
Total Texas Retail Sales @ Source (kWh)			1,149,140,399
Plus: Total New Mexico Retail Sales @ Source	ce (kWh)		634,973,790
Total Retail Company kWh Sales @ Source	, ,	_	1,784,114,189
RETAIL ALLOCATOR			0.6440957681325
Farras (Billad (Islátha)	Secondary 03	Drimon, 05	
Texas Billed (kWhs) March Billed March	170,625,507	Primary 05 52,732,242	
March Billed April	178,735,564	109,446,518	
March Billed May	170,700,004	-	
March Billed (other)	30,469	(3,254)	
Total	349,391,540	162,175,506	
	Sub-	Backbone	
Texas Billed (kWhs)	Transmission 07	Transmission 09	Total
March Billed March		11,605,994	234,963,743
March Billed April	95,392,771	436,755,460	820,330,313
March Billed May	-	-	•
March Billed (other) Total	95,392,771	448,361,453	27,2 <u>15</u> 1,055,321,270
1000		110,001,100	1,000,021,1210
Texas (kWh)	20/1sing 2019 estuals		98.644%
Estimate % Billed in Month 1 & 2 (100% - 1.356 Estimated Total For March (Total Texas Billed			1,069,828,140
Estimated Narch Billed May (Estimated Total		s 1 & 2)	14,506,870
New Mexico Billed (kWhs)	Secondary 02	Secondary 03	Primary 05
March Billed March	48,882,583	29,033,412	67,269,933
March Billed April	45,609,857	36,605,581	108,835,889
March Billed May	(53,784)	- (291,410)	- (104,927
March Billed (other) Total	94,438,656	65,347,583	176,000,896
		<u> </u>	
	Sub-	Backbone	
New Mexico Billed (kWhs)	Transmission 07	Transmission 09	Total
March Billed March	580,094 13,412,886	15,066,198	160,832,220
March Billed April March Billed May	13,412,886	205,228,639	409,692,852
March Billed (other)	•	-	(450,121
Total	13,992,980	220,294,837	570,074,952
	1%) using 2018 actuals		97 016
<u>New Mexico (kWh)</u> Estimate % Billed in Month 1 & 2 (100% - 2.98 Estimated Total For March (Total NM Billed M			97.016 ⁴ 587,609,210

^{*} Line loss factors per Order in PUC Docket No. 47527, Page 14.

SOUTHWESTERN PUBLIC SERVICE COMPANY FUEL EFFICIENCY REPORT PROJECT NUMBER 50448 For the Month of March 2020

		NDC	MWH			COST				e Penod		744	Hrs
	PLANT	MW	(note 1)	MMBTU		(note 2)	%CF_	HR		IMBTU	_	MWH_	%MIX
COAL	Hamngton (note 3)	1,018	142,134	1,620,634	\$	2,597,409	18 77%	11 40	\$	1 60	\$	18 27	6 62%
	Tolk Station (note 3)	1,067	70,062	790,988		1,448,522	8 83%	11 29		1 83		20 67	3 26%
	Prior Period Adjustments TOTAL COAL	0.005	1,054	34,729		4,840	42 7E0/	11 47	\$	1 66	\$	19 00	9 93%
	TOTAL COAL	2,085	213,250	2,446,351	\$	4,050,771	13 75%	1147	Ф	1 00	Ф	19 00	9 93%
GAS/OIL	Cunningham	447	77,501	837,377	\$	501,736	23 30%	10 80	\$	0 60	\$	6 47	3 61%
	Jones	852	220,610	2,280,711	•	1,308,525	34 80%	10 34		0 57		5 93	10 27%
	Maddox	175	83,213	834,710		500,138	63 91%	10 03	\$	0 60		6 01	3 87%
	Nichols Station	457	136,489	1,894,384		1,482,498	40 14%	13 88		0 78		10 86	6 35%
	Plant X	411	108,493	1,230,110		803,971	35 48%	11 34		0 65		7 41	5 05%
	Quay County	23	255	712		13,381	0 00%	-		18 79		-	0 00%
	Prior Period Adjustments TOTAL GAS/OIL	2,365	355 626,661	30,789 7,108,794	\$	(71,960) 4,538,290	35 61%	11 34	\$	0 64	\$	7 24	29 17%
	TOTAL GASTOIL	2,303	020,001	1,100,154	Ψ	4,550,250	33 01 /0	1134	Ψ	0.04	Ψ	, 24	20 17 70
WIND	Hale	114	181,575	-	\$	-							8 45%
	Prior Period Adjustments	_	(2,125)		\$								
	TOTAL WIND	114	179,449		\$	-							8 45%
COLAB	Carlahad Salar DBI ayaya	0.017			ø								0 00%
SOLAR	Carlsbad Solar PRLeyva Clovis High School	0 017 0 017	3	-	\$ \$	<u>-</u>							0 00%
	Hobbs Solar		3		\$	_							0 00%
	Roswell ENMU	0 023	4		\$	-							0 00%
	Prior Period Adjustments	_	(9)		\$								
	TOTAL SOLAR	0 ~			\$	-							0 00%
TOTAL NET G	TOTAL NET GENERATION		1,019,360	9,555,145	\$	8,589,060		9 37	\$	0 90	\$	8 43	47 45%
	FIDM COCEN				•						\$	_	0 00%
	FIRM COGEN NON-FIRM COGEN		-		\$	-					Φ	-	0 00%
	Prior Period Adjustments		-									_	0 00%
	TOTAL COGEN	-			\$						\$	-	0 00%
	OTHER FIRM		431,469		\$	4,430,123					\$	10 27	20 08%
	OTHER NON-FIRM		965,428			27,734,819						28 73	44 94%
	Disallowed Resources (note 5) LP&L Bridge Contract		(24,949)			(1,048,201) (3,468,147)							
	Prior Period Adjustments		(193,599) (49,224)			(5,466,147)							
	TOTAL OTHER	-	1,129,124		\$	27,132,932					\$	24 03	52 55%
			7,120,121		•						•		
	TOTAL PURCHASES		1,129,124		\$	27,132,932					\$	24 03	
	IMPORTS-OTHER		-			-						-	0 00%
	NET INTERCHANGE		-			-						-	0 00% 0 00%
	NET TRANSMISSION (WHEELING) SYSTEM TOTAL AT SOURCE	-	2,148,484 45		•	35.721.992					\$	16 63	
	STOTEW TOTAL AT SOURCE	-	2,140,404 45		_	33,721,332						10 00	100 00 /
DISPOSITION	Sales to Ultimate Customers	•	1,701,325										79 19%
OF ENERGY	Sales for Resale		701,233										32 64%
	Energy Furnished Without Charge		-										0 00%
	Energy Used by Utility												0.000/
	Electric Dept Only		1,797										0 08% 0 00%
	Transmission Losses TOTAL @ THE METER (note 4)	-	2,404,355										111 91%
	101/12 @ 1112 M21211 (11010 1)		2,404,000										
	Total Energy Losses & Unaccounted		(255,870 32)										
	Percent Losses & Unaccounted		-11 91%										
FUEL OIL	Plant X				\$				\$		\$		0 00%
(Testing)	Jones Station		-	-	•	-		-	-	-	-	-	0 00%
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Quay County		-	712		13,381		-		18 79		-	0 00%
(Included in above generati	Prior Period Adjustments ion TOTAL OIL		1	(712	<u> </u>	(13,381)			\$		\$		0 00%

Utility's Notes

1) MWH at Source and Disposition as defined for FERC Form No. 1 (p.401)

2) Pursuant to 16 Tex. Admin. Code § 25 236(a), these amounts are defined as eligible fuel expenses

3) Harnngfon and Tolk generation and cost numbers are all included under coal although each plant uses a minimal amount of gas typically to start up the coal burners

4) Includes change in delivered not billed of 333,944 MWH

5) Per order in PUC Docket No. 48973, page 25

Southwestern Public Service Company Fuel Purchase Report - Project Number 50448 For the Month of March 2020

SUPPLIER NAME (PIPELINE/PLANT)	FUEL TYPE	PURCHASE TYPE	TRANSACTION DATE	PLANT NAME	MMBTU	TONS	BTU/LB
TUCO	COAL	FIRM		Harrington	1,581,705	89,615	8,825
TUCO TUCO	COAL COAL	FIRM SPOT		Tolk Tolk	771,111	43,689	8,825
Prior Per Adjustment	00/12	0.0.		Harrington	12,171	0	
Prior Per Adjustment	TOTAL F	ARRINGTON &	TOLK PLANTS	Tolk	16,680 2,381,667	(0) 133,304	17,650
EDNC Desires	NC	CDOT		Ourseles ST	(70 F24)		
EPNG Pipeline EPNG Pipeline	NG NG	SPOT SPOT		Cunningham - ST Cunningham - GT	(70,531) (40,269)		
NNG Pipeline	NG	SPOT		Cunningham - ST	6,483		
NNG Pipeline	NG	SPOT SPOT		Cunningham - GT Cunningham - ST	3,701		
CIG Pipeline CIG Pipeline	NG NG	SPOT		Cunningham - GT	-		
NNG Pipeline	TRANS	FIRM		Cunningham - ST	-		
NNG Pipeline	TRANS	FIRM		Cunningham - GT	-		
NNG Pipeline	NG	FIRM		Cunningham - ST	-		
NNG Pipeline NNG Pipeline	NG NG	FIRM FIRM		Cunningham - GT Cunningham - ST	363,751		
NNG Pipeline	NG	FIRM		Cunningham - GT	207,682		
Pinnacle Pipeline	TRANS	FIRM		Cunningham - ST	-		
Pinnacle Pipeline EPNG Pipeline	TRANS TRANS	FIRM FIRM		Cunningham - GT Cunningham - ST	209,417		
EPNG Pipeline	TRANS	FIRM		Cunningham - GT	119,566		
EPNG Pipeline	TRANS	FIRM		Cunningham - ST	23,921		
EPNG Pipeline	TRANS	FIRM		Cunningham - GT	13,657		
WST Pipeline Prior Per Adjustment	TRANS	FIRM		Cunningham - ST Cunningham - ST	51,689		
Prior Per Adjustment				Cunningham - GT	38,817		
•	TOTAL	CUNNINGHAM P	LANT		927,883		
WST Pipeline	NG	SPOT		Harrington	42.379		
CIG Pipeline	NG	SPOT		Harrington			
ONE	NG	FIRM		Harrington	44.045		
OTG OTG	NG NG	FIRM FIRM		Harrington Harrington	(4,645)		
Oasis Pipelne	NG	SPOT		Harrington	-		
WST Pipeline	NG	FIRM		Harrington	959		
WST Pipeline EPNG Pipeline	TRANS TRANS	FIRM FIRM		Harrington Harrington	236		
NNG Pipeline	TRANS	FIRM		Harrington	-		
Oasis Pipelne	TRANS	FIRM		Harrington			
Prior Per Adjustment	TOTAL I	HARRINGTON P	LANT	Harrington	805 39,734		
NNG Pipeline	NG	SPOT		Jones			
NNG Pipeline	NG	SPOT		Jones	-		
EPNG Pipeline EPNG Pipeline	NG	SPOT SPOT		Jones Jones - GT	-		
NGPL Pipeline	NG NG	SPOT		Jones	-		
NGPL Pipeline	NG	SPOT		Jones - GT	-		
CIG Pipeline	NG	SPOT		Jones	-		
CIG Pipeline WST Pipeline	NG NG	SPOT SPOT		Jones - GT Jones	1,083,235		
WST Pipeline	NG	SPOT		Jones - GT	384,567		
PTX Pipeline	NG	SPOT		Jones Jones - GT	-		
PTX Pipeline PTX Pipeline	NG NG	SPOT FIRM		Jones - GT Jones	932,402		
PTX Pipeline	NG	FIRM		Jones - GT	-		
PTX Pipeline	NG	FIRM		Jones	-		
PTX Pipeline QTG	NG NG	FIRM FIRM		Jones - GT Jones	(118,737)		
OTG	NG	FIRM		Jones - GT	(42,154)		
OTG	NG	FIRM		Jones	-		
OTG ONE	NG NG	FIRM FIRM		Jones - GT Jones	-		
ONE	NG NG	FIRM		Jones - GT	-		
Oasis Pipeline	NG	SPOT		Jones	-		
Oasis Pipeline	NG	SPOT		Jones - GT	24,517		
WST Pipeline WST Pipeline	NG NG	FIRM FIRM		Jones Jones - GT	8,704		
WST Pipeline	TRAN	FIRM		Jones	-		
WST Pipeline	TRAN	FIRM		Jones - GT	6.033		
EPNG Pipeline EPNG Pipeline	TRANS TRANS	FIRM FIRM		Jones Jones - GT	6,033 2,142		
Oasis Pipeline	TRANS	FIRM		Jones	-,		
Oasis Pipeline	TRANS	FIRM		Jones - GT	-		
NNG Pipeline	TRAN	FIRM FIRM		Jones Jones - GT	-		
NNG Pipeline	TRAN	FIRM		JUIIES - GT	-		

Southwestern Public Service Company Fuel Purchase Report - Project Number 50448 For the Month of March 2020

SUPPLIER NAME (PIPELINE/PLANT)	FUEL TYPE	PURCHASE TYPE	TRANSACTION DATE	PLANT NAME	MMBTU	TONS	BTU/LB
NNG Pipeline	NG	FIRM		Jones	_		
NNG Pipeline	NG	FIRM		Jones	-		
PTX Pipeline	TRAN	FIRM		Jones	=		
PTX Pipeline	TRAN	FIRM		Jones	(120 114)		
Prior Per Adjustment Prior Per Adjustment				Jones Jones-GT	(120,114) 1,074		
Thorres Adjustment	TOTAL J	IONES PLANT		001103-01	2,161,671		
NNG Pipeline	NG	SPOT		Maddox - ST	29,002		
NNG Pipeline	NG	SPOT		Maddox - GT	8,456		
NNG Pipeline	NG	SPOT		Maddox - ST	-		
NNG Pipeline EPNG Pipeline	NG NG	SPOT SPOT		Maddox - GT Maddox - ST			
EPNG Pipeline	NG	SPOT		Maddox - GT	-		
CIG Pipeline	NG	SPOT		Maddox - ST	-		
CIG Pipeline	NG	SPOT		Maddox - GT	•		
Pinnacle Pipeline	NG	FIRM		Maddox - ST	441,024		
Pinnacle Pipeline	NG NG	FIRM		Maddox - GT	128,589		
Pinnacle Pipeline Pinnacle Pipeline	NG	FIRM FIRM		Maddox - ST Maddox - GT	(85,514) (24,933)		
Pinnacle Pipeline	TRANS	FIRM		Maddox - ST	(2-1,000)		
Pinnacle Pipeline	TRANS	FIRM		Maddox - GT	•		
EPNG Pipeline	TRANS	FIRM		Maddox - ST	253,904		
EPNG Pipeline	TRANS	FIRM		Maddox - GT Maddox - ST	74,030		
NNG Pipeline NNG Pipeline	TRANS TRANS	FIRM FIRM		Maddox - GT	-		
NNG Pipeline	TRANS	FIRM		Maddox - ST	7,860		
NNG Pipeline	TRANS	FIRM		Maddox - GT	2,292		
Prior Per Adjustment				Maddox - ST	95,232		
Prior Per Adjustment				Maddox - GT	(18,019) 911,923		
	TOTAL	MADDOX PLANT			317,320		
CIG Pipeline	NG	SPOT		Nichols	_		
EPNG Pipeline	NG	SPOT		Nichols	479,883		
NGPL Pipeline	NG	SPOT		Nichols	375,000		
WST Pipeline	NG	SPOT		Nichols	875,688		
Oasis Pipeline CIG Pipeline	NG NG	SPOT FIRM		Nichols Nichols	.		
NGPL Pipeline	TRANS	FIRM		Nichols	-		
CIG Pipeline	TRANS	FIRM		Nichols	-		
OTG	NG	FIRM		Nichols	(124,183)		
OTG	NG	FIRM FIRM		Nichols Nichols	•		
ONE WST Pipeline	NG NG	FIRM		Nichols	30,766		
Oasis Pipeline	TRANS	FIRM		Nichols			
WST Pipeline	TRANS	FIRM		Nichols	-		
EPNG Pipeline	TRANS	FIRM		Nichols	257 220		
NNG Pipeline NNG Pipeline	NG TRANS	FIRM FIRM		Nichols Nichols	257,230		
Prior Per Adjustment	1104140	i ii dwi		Nichols	(21,848)		
•	TOTAL	NICHOLS PLANT			1,872,536		
EPNG Pipeline	NG	SPOT		Plant X	974,836		
NGPL Pipeline WST Pipeline	NG NG	SPOT SPOT		Plant X Plant X	216,111		
Oasis Pipeline	NG	SPOT		Plant X	-		
CIG Pipeline	NG	SPOT		Plant X	<u>.</u>		
OTG	NG	FIRM		Plant X	(30,647)		
OTG ONE	NG NG	FIRM FIRM		Plant X Plant X			
WST Pipeline	NG	FIRM		Plant X	69,810		
Oasis Pipeline	TRANS	FIRM		Plant X	-		
WST Pipeline	TRANS	FIRM		Plant X	-		
NNG Pipeline EPNG Pipeline	NG TRANS	FIRM FIRM		Plant X Plant X	-		
NNG Pipeline	TRANS	FIRM		Plant X			
Prior Period Adjustme	nt			Plant X	4,670		
	IUTAL	PLANT X PLANT			1,234,780		
WST Pipeline	NG	SPOT		Tolk	16,726		
NGPL Pipeline	NG NG	SPOT		Tolk	10,720		
Oasis Pipeline	NG	SPOT		Tolk	-		
CIG Pipeline	NG	SPOT		Tolk	/0.0=0:		
OTG	NG NG	FIRM		Tolk Tolk	(2,372)		
OTG	NG	FIRM		IUIN	•		

Southwestern Public Service Company Fuel Purchase Report - Project Number 50448 For the Month of March 2020

SUPPLIER NAME (PIPELINE/PLANT)	FUEL TYPE	PURCHASE TYPE	TRANSACTION DATE	PLANT NAME	MMBTU	TONS	BTU/LB
ONE WST Pipeline Oasis Pipeline WST Pipeline EPNG Pipeline NNG Pipeline Prior Period Adjustmen		FIRM FIRM FIRM FIRM FIRM FIRM		Tolk Tolk Tolk Tolk Tolk Tolk Tolk	490 - - 121 4,913 		
	TOTAL	GAS			7,173,478		
Fuel Oil Fuel Oil Fuel Oil Prior Period Adjustmen				Plant X Jones Quay County	712 (712)		
TOTAL COAL, GAS, &	FUEL OIL	<u> </u>			9,555,145		
	TOTAL TOT TH DIFF	COAL (5004001, IIS PG	5004002)		2,381,667 		
		GAS & OTHER (GAS & OTHER (IIS PG			6,305,576 867,903 7,173,478		
	TOTAL (TOT THI DIFF	OIL (5003001) IS PG					
	TOTAL				9,555,145		
	Total Co Total Co DIFF	al al per Page of of	Efficiency		2,381,667 2,446,351 (64,685)		
	Total Ste Total Oil Total Ga Total Ga DIFF		Efficiency		7,173,478 7,108,794 64,685		
	NET DIF	F			0		
				Tolk Gas Harrington Gas	24,950 39,734 64,685		