



Control Number: 48006



Item Number: 109

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SOUTHWESTERN PUBLIC SERVICE COMPANY
FUEL COST REPORT
FOR THE MONTH OF DECEMBER 2018
PROJECT NUMBER 48000

2019 MAR 14 PM 3:54

Current System Fuel Factor (\$/kwh):

0.019547

FILING NUMBER

	ACCOUNT	RECONCILABLE	RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASED POWER COSTS				
Fuel Cost:				
Fuel	501	\$25,511,345.00		\$25,511,345.00
Environmental Consumable Chemicals	502	119,865.36		\$119,865.36
Steam-Other Sources	503	0.00		0.00
Less: Coal Residual Disposal	501	134,222.70		134,222.70
Total Fuel Cost		\$25,496,987.66	\$0.00	\$25,496,987.66
Allowances	509	\$124,830.00		\$124,830.00
Other Fuel Cost	547	832,978.57		832,978.57
Purchased Power Cost	555	36,141,653.67		36,141,653.67
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		\$62,596,449.90	\$0.00	\$62,596,449.90
LESS (from Texas Retail Collections detail).				
Off-System Sales Energy Cost		\$7,812,297.93		\$7,812,297.93
NM Co-ops Incremental Fuel Costs		0.00		0.00
TUCO Handling Costs (8)		3,231,459.05		3,231,459.05
Renewable Energy Credits (3)		88,115.31		88,115.31
SunEd Direct Assigned Costs to New Mexico Retail		506,995.91		506,995.91
ICO (6)		0.00		0.00
Variable O & M Costs (Long-term PPAs) (7)		1,391,257.10		1,391,257.10
NET SYSTEM COST		\$49,566,324.60	\$0.00	\$49,566,324.60
Texas Retail Allocator (Texas Retail/Total System)		0.5547517597097		0.5547517597097
SUB TOTAL		\$27,497,005.79	\$0.00	\$27,497,005.79
ARR and TCR Credits		(\$1,794,215.48)		
Retail Allocator (Texas Retail/(Texas Retail plus New Mexico Retail))		0.6768800607972		
Texas Allocated Share of ARR/TCR Credits		(\$1,214,468.68)	\$0.00	(\$1,214,468.68)
TEXAS RETAIL FUEL AND PURCHASED POWER		\$26,282,537.11	\$0.00	\$26,282,537.11

	ACCOUNT	FUEL REVENUES	kWh SALES
TEXAS RETAIL REVENUES & SALES			
Residential	440	\$4,107,354.25	201,292,617
Commercial & Industrial	442	17,943,167.51	928,437,880
Street & Highway	444	57,594.10	2,822,547
Public Authorities	445	608,572.24	29,863,963
TOTAL TEXAS RETAIL		\$22,716,688.10	1,162,417,007

	OVER(UNDER) RECOVERY	INTEREST	TOTAL
OVER(UNDER) RECOVERY OF FUEL COSTS			
	Interest Rate :	1.05%	
Beginning Cumulative Balance	\$18,419,318.89	\$24,833.09	\$18,444,151.98
Current Month	(3,565,849.01)	16,061.48	(3,549,787.53)
Prior Period Adjustment (1)	(9,734,811.89)	(10,550.70)	(9,745,362.59)
Off-System Sales Margin (5)	1,190,900.75	0.00	1,190,900.75
Electric Commodity Trading Margin (2)	498,661.48	0.00	498,661.48
Sulfur Dioxide Emission Allowance Credits (4)	0.00	0.00	0.00
Ending Cumulative Balance	\$6,808,220.22	\$30,343.87	\$6,838,564.09

- (1) Prior Surcharge/Refund Amounts Docket No. 48718
(2) Per Order in PUC Docket No. 42004, Page 7
(3) Per Order in PUC Docket No. 47527, Page 15
(4) Per Order in PUC Docket No. 29801, Pages 16 - 17;
16 Tex. Admn. Code § 25.236(a)(4)

- (5) Per Order in PUC Docket No. 37849, Page 3
(6) Per Order in PUC Docket No. 42004, Page 7, approved Tariff IV-177
(7) Per Order in PUC Docket No. 35763, Page 5
(8) Per Order in PUC Docket No. 32766, Page 4 - 5

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SOUTHWESTERN PUBLIC SERVICE COMPANY
TEXAS RETAIL
FUEL COST REPORT
FOR THE MONTH OF DECEMBER 2018
PROJECT NUMBER 48006

NET SYSTEM FUEL COST		
Total Company Fuel Cost		\$26,454,796.23
Plus: Energy Cost of Purchased Power		36,141,653.67
Plus: Transmission of Electricity by Others		0.00
Less: Off-System Sales Energy Cost		7,812,297.93
Less: NM Co-ops Incremental Fuel Cost		0.00
Less: TUCO Handling Costs		3,231,459.05
Less: Renewable Energy Credits		88,115.31
Less: SunEd Direct Assigned Costs to NM		506,995.91
Less: ICO		0.00
Less: Variable O & M Costs (Long-term PPAs)		1,391,257.10
NET SYSTEM FUEL COST		<u><u>\$49,566,324.60</u></u>
TEXAS RETAIL ALLOCATOR		<u>0.5547517597097</u>
SUB TOTAL		<u>\$27,497,005.79</u>
Plus: Texas Allocated Share of ARR/TCR Credits		(\$1,214,468.68)

TEXAS RETAIL ACTUAL FUEL COST FACTOR		
Texas Retail Applicable Fuel Cost		\$26,282,537.11
Texas Retail kWh Billed		<u>1,162,417,007</u>
TEXAS RETAIL ACTUAL FUEL COST FACTOR		<u><u>0.0226102482581</u></u>

TEXAS RETAIL			
Total Texas Retail kWh Sales @ Source	<u>kWh BILLED</u>	<u>LOSS FACTOR *</u>	<u>kWh @ Source</u>
Secondary 03	432,713,031 *	1.126935 =	487,639,460
Primary 05	183,365,463 *	1.105898 =	202,783,499
Sub-Transmission 07	94,768,086 *	1.035919 =	98,172,061
Backbone Transmission 09	451,570,427 *	1.029633 =	464,951,813
Total Texas Retail kWh Sales @ Source	<u>1,162,417,007</u>	<u>1.0783968449734</u>	<u>1,253,546,833</u>

TEXAS RETAIL OVER/(UNDER) RECOVERY		
Texas Retail Fuel Revenue		\$22,716,688.10

Actual Fuel Cost	<u>kWh BILLED</u>	<u>LOSS MULTIPLIER</u>	<u>ACTUAL FUEL COST FACTOR</u>		
Secondary	432,713,031 *	1.0450095484356 *	0.0226102482581 =	\$	10,224,111.19
Primary	183,365,463 *	1.0255018875053 *	0.0226102482581 =		4,251,667.90
Sub-Transmission	94,768,086 *	0.9606101917199 *	0.0226102482581 =		2,058,328.23
Backbone Transmission	451,570,427 *	0.9547811687314 *	0.0226102482581 =		9,748,429.79
Total Texas Retail Actual Fuel Cost	<u>1,162,417,007</u>			\$	<u>26,282,537.11</u>

TOTAL OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH		<u><u>(\$3,565,849.01)</u></u>
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* Line loss factors per Order in PUC Docket No. 47527, Page 14.

SOUTHWESTERN PUBLIC SERVICE COMPANY
 TEXAS RETAIL
 FUEL COST REPORT
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Calculation of Materiality Threshold

TEXAS RETAIL FUEL AND PURCHASED POWER - from each monthly report

Jan-18	\$32,189,887.47		
Feb-18	\$23,850,399.66		
Mar-18	\$23,030,629.22		
Apr-18	\$24,957,083.94		
May-18	\$27,415,250.38		
Jun-18	\$23,005,721.39		
Jul-18	\$29,909,200.45		
Aug-18	\$28,591,850.84		
Sep-18	\$25,198,166.30		
Oct-18	\$26,695,731.05		
Nov-18	\$25,506,422.60		
Dec-18	\$26,282,537.11		
Total of Rolling 12 Months	\$316,632,880.41		
Threshold Percentage		4%	
Materiality Threshold			<u>\$ 12,665,315.22</u>

SOUTHWESTERN PUBLIC SERVICE COMPANY
OFF-SYSTEM SALES MARGIN
FUEL COST REPORT
FOR THE MONTH OF DECEMBER 2018
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OFF-SYSTEM SALES MARGIN

Off-System Sales Revenue	\$10,077,875.16
Off-System Sales Energy Cost	7,812,297.93
Off-System Sales Transmission Cost	0.00
Off-System Sales Other Cost of Sales	0.00
Margin (Revenue - Fuel Cost - Transmission Cost - Other Cost of Sales)	\$2,265,577.23

	<u>Total Margins</u>	<u>Sharing Percentage</u>		
Prior Month Margin True Ups (October 1 thru 31, 2018)	(\$547,029.08)	90%	(9)	(\$492,326.17)
Prior Month Margin True Ups (November 1 thru 30, 2018)	\$331,162.71	90%	(9)	\$298,046.44
Current Month Margins (December 1 thru 9, 2018)	\$1,404,365.70	90%	(9)	\$1,263,929.13
Current Month Margins (December 10 thru 31, 2018)	\$1,077,077.90	100%	(10)	\$1,077,077.90
Company Net Margin Sharing	\$2,265,577.23			\$2,146,727.30

Texas Retail Allocator 0.5547517597097

Texas Applicable Margin Credit	<u>C</u>	<u>\$1,190,900.75</u>
Total Texas Retail kWh Billed	<u>K</u>	<u>1,162,417,007</u>

Texas Retail Off-System Sales Margin Factor = C/K = 0.0010245038938

OFF-SYSTEM SALES MARGIN	kWh BILLED	LOSS MULTIPLIER	MARGIN CREDIT FACTOR		
Secondary	432,713,031 *	1.0450095484356 *	0.0010245038938 =	\$	463,269.65
Primary	183,365,463 *	1.0255018875053 *	0.0010245038938 =		192,649.38
Sub-Transmission	94,768,086 *	0.9606101917199 *	0.0010245038938 =		93,265.91
Backbone Transmission	451,570,427 *	0.9547811687314 *	0.0010245038938 =		\$441,715.81
Total Texas Retail Sales Margin Credit	<u>1,162,417,007</u>			\$	<u>1,190,900.75</u>

(9) Per Order in PUC Docket No. 32766, Page 14; PUC Docket No. 35763, Page 11; PUC Docket No. 40824, Page 9; and 16 Tex. Admin. Code § 25.236(a)(8) and (9)

(10) Per Order in PUC Docket No. 47527, Page 14

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FUEL COST REPORT
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TEXAS RETAIL ALLOCATOR

Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR *	kWh @ Source
Secondary 03	455,189,786 *	1.126935 =	512,969,302
Primary 05	179,599,441 *	1.105898 =	198,618,663
Sub-Transmission 07	97,066,654 *	1.035919 =	100,553,191
Backbone Transmission 09	458,548,570 *	1.029633 =	472,136,740
	<u>1,190,404,451</u>	<u>1.0788584457655</u>	<u>1,284,277,896</u>

Total NM Retail Sales @ Source	kWh BILLED	LOSS FACTOR *	kWh @ Source
Secondary 02 and 03	199,705,270	1.126935 =	225,054,858
Primary 05	151,949,470	1.105898 =	168,040,615
Sub-Transmission 07	13,910,280	1.035919 =	14,409,923
Backbone Transmission 09	199,649,766	1.029633 =	205,565,988
	<u>565,214,786</u>	<u>1.0846697564859</u>	<u>613,071,384</u>

FCR 21 - 1.0846697564859 0

Total NM Retail Sales @ Source 613,071,384

Total Applicable Company kWh Sales @ Source

Total Texas Retail Sales @ Source (kWh)	1,284,277,896
Plus: Total New Mexico Retail Sales @ Source (kWh)	613,071,384
Plus: SPS Wholesale Sales @ Source (kWh)	417,700,422
Total Applicable Company kWh Sales @ Source	<u>2,315,049,702</u>

TEXAS RETAIL ALLOCATOR

0.5547517597097

Total Texas Retail Sales @ Source (kWh)	1,284,277,896
Plus: Total New Mexico Retail Sales @ Source (kWh)	613,071,384
Total Retail Company kWh Sales @ Source	<u>1,897,349,280</u>

RETAIL ALLOCATOR

0.6768800607972

Texas Billed (kWhs)

	Secondary 03	Primary 05
December Billed December	169,326,873	51,239,448
December Billed January	277,951,316	122,601,045
December Billed February	8,950,243	5,754,412
December Billed (other)	(1,038,646)	4,536
Total	<u>455,189,786</u>	<u>179,599,441</u>

Texas Billed (kWhs)

	Sub-Transmission 07	Backbone Transmission 09	Total
December Billed December	-	10,585,102	231,151,423
December Billed January	97,066,654	447,594,119	945,213,134
December Billed February	-	369,349	15,074,004
December Billed (other)	-	-	(1,034,109)
Total	<u>97,066,654</u>	<u>458,548,570</u>	<u>1,190,404,451</u>

New Mexico Billed (kWhs)

	Secondary 02	Secondary 03	Primary 05
December Billed December	48,205,066	24,206,813	47,208,211
December Billed January	83,838,243	40,602,624	93,879,681
December Billed February	823,537	2,845,073	10,853,178
December Billed (other)	(16,128)	(799,957)	8,399
Total	<u>132,850,718</u>	<u>66,854,552</u>	<u>151,949,470</u>

New Mexico Billed (kWhs)

	Sub-Transmission 07	Backbone Transmission 09	Total
December Billed December	520,181	13,642,177	133,782,449
December Billed January	13,390,099	184,797,455	416,508,101
December Billed February	-	1,210,134	15,731,922
December Billed (other)	-	-	(807,686)
Total	<u>13,910,280</u>	<u>199,649,766</u>	<u>565,214,786</u>

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