



Control Number: 50448



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

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Current System Fuel Factor (¢/kwh):		0.011957		
ACCOUNT		RECONCILABLE	NON-RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASED POWER COSTS				
Fuel Cost:				
Fuel	501	\$19,215,093.16		\$19,215,093.16
Environmental Consumable Chemicals	502	14,013.93		\$14,013.93
Steam-Other Sources	503	0.00		0.00
Less: Coal Residual Disposal	501	9,071.07		9,071.07
Total Fuel Cost		\$19,220,036.02	\$0.00	\$19,220,036.02
Allowances	509	\$0.00		\$0.00
Other Fuel Cost	547	3,073,185.48		3,073,185.48
Purchased Power Cost	555	29,363,827.45		29,363,827.45
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		\$51,657,048.95	\$0.00	\$51,657,048.95
LESS (from Texas Retail Collections detail):				
Off-System Sales Energy Cost		\$6,882,165.64		\$6,882,165.64
Off-System Sales Energy Margin (5)		1,412,328.43		1,412,328.43
LPL Capacity Reserves Credit (10)		960,000.00		960,000.00
Federal Production Tax Credit (PTC) (9)		4,029,037.58		4,029,037.58
TUCO Handling Costs (7)		2,557,740.24		2,557,740.24
Renewable Energy Credits (3)		93,389.01		93,389.01
SunEd Direct Assigned Costs to New Mexico Retail		1,091,044.10		1,091,044.10
Disallowed Resources (8)		430,093.53		430,093.53
Variable O & M Costs (Long-term PPAs) (6)		1,236,958.42		1,236,958.42
NET SYSTEM COST		\$32,964,292.00	\$0.00	\$32,964,292.00
Texas Retail Allocator (Texas Retail/Total System)		0.5942569822908		0.5942569822908
SUB TOTAL		\$19,589,260.69	\$0.00	\$19,589,260.69
ARR and TCR Credits		(\$536,344.08)		(536,344.08)
Retail Allocator (Texas Retail/(Texas Retail plus New Mexico Retail))		0.6422985415706		0.6422985415706
Texas Allocated Share of ARR/TCR Credits		(\$344,493.02)	\$0.00	(\$344,493.02)
TEXAS RETAIL FUEL AND PURCHASED POWER		\$19,244,767.67	\$0.00	\$19,244,767.67
TEXAS RETAIL REVENUES & SALES				
ACCOUNT		FUEL REVENUES	kWh SALES	
Residential	440	\$3,109,062.25	248,697,432	
Commercial & Industrial	442	10,923,200.51	921,941,967	
Street & Highway	444	26,784.07	2,142,555	
Public Authorities	445	416,847.91	33,413,099	
TOTAL TEXAS RETAIL		\$14,475,894.74	1,206,195,053	
OVER(UNDER) RECOVERY OF FUEL COSTS				
		OVER(UNDER) RECOVERY	INTEREST	TOTAL
		Interest Rate :	2.35%	
Beginning Cumulative Balance		\$10,586,498.28	\$233,454.34	\$10,819,952.62
Current Month		(4,768,872.93)	20,964.22	(4,747,908.71)
Prior Period Adjustment (1)		(954.32)	(17.42)	(971.74)
Rate Case Expense (RCE) Rider True up (12)		123,437.28	0.00	123,437.28
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		\$5,940,108.31	\$254,401.14	\$6,194,509.45

(1) Prior Surcharge/Refund Amounts Docket Nos. 49690 & 50556

(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. Admin. Code § 25.236(a)(4)

(5) Per Order in PUC Docket No. 37849, Page 3

(6) Per Order in PUC Docket No. 35763, Page 5

(7) Per Order in PUC Docket No. 32766, Pages 4 - 5

(8) Per Order in PUC Docket No. 48973, Page 25

(9) Per Order in PUC Docket No. 46936, Page 19

(10) Per SOAH Order No. 2 in PUC Docket No. 49616

(12) Per Order in PUC Docket No. 46328, Pages 3 - 4

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NET SYSTEM FUEL COST

Total Company Fuel Cost	\$22,293,221.50
Plus: Energy Cost of Purchased Power	29,363,827.45
Plus: Transmission of Electricity by Others	0 00
Less: Off-System Sales Energy Cost	6,882,165.64
Less: Off-System Sales Energy Margin (5)	1,412,328.43
Less: LPL Capacity Reserves Credit (10)	960,000 00
Less: Federal Production Tax Credit (PTC) (9)	4,029,037.58
Less: TUCO Handling Costs (7)	2,557,740.24
Less: Renewable Energy Credits (3)	93,389.01
Less: SunEd Direct Assigned Costs to New Mexico Retail	1,091,044.10
Less: Disallowed Resources (8)	430,093.53
Less: Variable O & M Costs (Long-term PPAs) (6)	1,236,958.42
NET SYSTEM FUEL COST	<u>\$32,964,292.00</u>

TEXAS RETAIL ALLOCATOR

SUB TOTAL	<u>0.5942569822908</u>
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Plus: Texas Allocated Share of ARR/TCR Credits	(\$344,493.02)
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TEXAS RETAIL ACTUAL FUEL COST FACTOR

Texas Retail Applicable Fuel Cost	\$19,244,767.67
Texas Retail kWh Billed	1,206,195,053
TEXAS RETAIL ACTUAL FUEL COST FACTOR	<u>0.0159549383159</u>

TEXAS RETAIL

Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR *	kWh @ Source
Secondary 03	520,761,459 *	1.126935 =	586,864,315
Primary 05	158,412,864 *	1.105898 =	175,188,470
Sub-Transmission 07	89,100,662 *	1.035919 =	92,301,069
Backbone Transmission 09	437,920,068 *	1.029633 =	450,896,953
Total Texas Retail kWh Sales @ Source	<u>1,206,195,053</u>	<u>1.0821225004955</u>	<u>1,305,250,807</u>

TEXAS RETAIL OVER/(UNDER) RECOVERY

Texas Retail Fuel Revenue	\$14,475,894.74
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Actual Fuel Cost	kWh BILLED	LOSS MULTIPLIER	ACTUAL FUEL COST FACTOR	
Secondary	520,761,459 *	1.0414116696437 *	0.0159549383159 =	\$ 8,652,794.80
Primary	158,412,864 *	1.0219711719270 *	0.0159549383159 =	2,582,998.90
Sub-Transmission	89,100,662 *	0.9573028927184 *	0.0159549383159 =	1,360,897.55
Backbone Transmission	437,920,068 *	0.9514939385592 *	0.0159549383159 =	6,648,076.42
Total Texas Retail Actual Fuel Cost	<u>1,206,195,053</u>			<u>\$ 19,244,767.67</u>

TOTAL OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH	<u>(\$4,768,872.93)</u>
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* Line loss factors per Order in PUC Docket No. 47527, Page 14.

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TEXAS RETAIL
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Calculation of Materiality Threshold

TEXAS RETAIL FUEL AND PURCHASED POWER - from each monthly report

	Oct-19	\$15,560,893.05		
	Nov-19	\$18,818,962.52		
	Dec-19	\$15,013,845.41		
	Jan-20	\$14,037,258.54		
	Feb-20	\$12,586,330.63		
	Mar-20	\$11,630,369.71		
	Apr-20	\$9,247,814.72		
	May-20	\$16,968,588.76		
	Jun-20	\$13,845,710.80		
	Jul-20	\$19,852,048.52		
	Aug-20	\$16,733,764.21		
	Sep-20	\$19,244,767.67		
Total of Rolling 12 Months		\$183,540,354.54		
Threshold Percentage			4%	
Materiality Threshold				<u>\$ 7,341,614.18</u>

SOUTHWESTERN PUBLIC SERVICE COMPANY
OFF-SYSTEM SALES MARGIN
FUEL COST REPORT
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OFF-SYSTEM SALES MARGIN

Off-System Sales Revenue				\$8,415,801.81
Off-System Sales Energy Cost				6,882,165.64
Off-System Sales Margins - Adjustment for Disallowed Resources (8)				32,055.88
Off-System Sales Other Cost of Sales				0.00
Margin (Revenue - Fuel Cost + Adj for Disallowed Resources - Other Cost of Sales)				<u>\$1,565,692.05</u>

	Total Margins	Sharing Percentage		
Monthly Margins (April, June, August & September 2020)	<u>\$1,533,636.17</u>	90%	(11)	\$1,380,272.55
Current Month 10% Margins (Adj) for Disallowed Resources	<u>\$32,055.88</u>		(8)	<u>\$32,055.88</u>
Company Net Margin Sharing	\$1,565,692.05			\$1,412,328.43

Texas Retail Allocator 0.5942569822908

Texas Applicable Margin Credit	<u>C</u>	<u>\$839,286.03</u>
Total Texas Retail kWh Billed	<u>K</u>	<u>1,206,195,053</u>

Texas Retail Off-System Sales Margin Factor = C/K = 0.0006958128603

OFF-SYSTEM SALES MARGIN	kWh BILLED	LOSS MULTIPLIER	MARGIN CREDIT FACTOR	
Secondary	520,761,459 *	1.0414116696437 *	0.0006958128603 =	\$ 377,358.14
Primary	158,412,864 *	1.0219711719270 *	0.0006958128603 =	112,647.50
Sub-Transmission	89,100,662 *	0.9573028927184 *	0.0006958128603 =	59,350.28
Backbone Transmission	437,920,068 *	0.9514939385592 *	0.0006958128603 =	<u>\$289,930.11</u>
Total Texas Retail Sales Margin Credit	<u>1,206,195,053</u>			<u>\$ 839,286.03</u>

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

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TEXAS RETAIL ALLOCATOR

Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR *	kWh @ Source
Secondary 03	440,111,525 *	1.126935 =	495,977,081
Primary 05	152,411,531 *	1.105898 =	168,551,607
Sub-Transmission 07	86,540,891 *	1.035919 =	89,649,353
Backbone Transmission 09	412,042,466 *	1.029633 =	424,252,520
	1,091,106,412	1.0800326600467	1,178,430,561

Total NM Retail Sales @ Source	kWh BILLED	LOSS FACTOR *	kWh @ Source
Secondary 02 and 03	186,378,381 *	1.126935 =	210,036,321
Primary 05	174,268,718 *	1.105898 =	192,723,426
Sub-Transmission 07	10,846,324 *	1.035919 =	11,235,913
Backbone Transmission 09	235,309,308 *	1.029633 =	242,282,228
	606,802,731	1.0815341706704	656,277,888

Total Applicable Company kWh Sales @ Source	
Total Texas Retail Sales @ Source (kWh)	1,178,430,561
Plus: Total New Mexico Retail Sales @ Source (kWh)	656,277,888
Plus: SPS Wholesale Sales @ Source (kWh)	148,323,465
Total Applicable Company kWh Sales @ Source	1,983,031,914

TEXAS RETAIL ALLOCATOR	0.5942569822908
Total Texas Retail Sales @ Source (kWh)	1,178,430,561
Plus: Total New Mexico Retail Sales @ Source (kWh)	656,277,888
Total Retail Company kWh Sales @ Source	1,834,708,449

RETAIL ALLOCATOR	0.6422985415706
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Texas Billed (kWhs)	Secondary 03	Primary 05
September Billed September	207,740,326	41,087,506
September Billed October	222,284,084	107,672,540
September Billed November	9,581,183	4,770,811
September Billed (other)	505,932	(1,119,325)
Total	440,111,525	152,411,531

Texas Billed (kWhs)	Sub-Transmission 07	Backbone Transmission 09	Total
September Billed September	-	9,359,019	258,186,851
September Billed October	86,540,891	402,683,446	819,180,962
September Billed November	-	-	14,351,994
September Billed (other)	-	-	(613,394)
Total	86,540,891	412,042,466	1,091,106,412

New Mexico Billed (kWhs)	Secondary 02	Secondary 03	Primary 05
September Billed September	55,711,885	33,930,080	59,578,073
September Billed October	52,152,360	41,462,732	95,861,767
September Billed November	83,474	2,906,709	18,407,433
September Billed (other)	97,352	33,790	421,445
Total	108,045,070	78,333,311	174,268,718

New Mexico Billed (kWhs)	Sub-Transmission 07	Backbone Transmission 09	Total
September Billed September	519,283	4,154,938	153,894,257
September Billed October	10,327,041	229,988,005	429,791,906
September Billed November	-	1,166,365	22,563,981
September Billed (other)	-	-	552,587
Total	10,846,324	235,309,308	606,802,731

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