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Item Number - 125

SOUTHWESTERN PUBLIC SERVICE COMPANY
FUEL COST REPORT
FOR THE MONTH OF SEPTEMBER 2024
PROJECT NUMBER 56004

Current System Fuel Factor (#/kwh):

0.014393

	ACCOUNT	RECONCILABLE	NON-RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASED POWER COSTS				
Fuel Cost:				
Fuel	501	\$13,697,368.80		\$13,697,368.80
Environmental Consumable Chemicals	502	44,690.80		44,690.80
Steam-Other Sources	503	0.00		0.00
Less: Coal Residual Disposal	501	(206,517.31)		(206,517.31)
Total Fuel Cost		\$13,948,576.91	\$0.00	\$13,948,576.91
Allowances	509	\$0.00		\$0.00
Other Fuel Cost	547	753,500.67		753,500.67
Purchased Power Cost	555	60,827,301.38		60,827,301.38
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		\$75,529,378.96	\$0.00	\$75,529,378.96
LESS (from Texas Retail Collections detail):				
Off-System Sales Energy Cost		\$1,854,822.89		\$1,854,822.89
Off-System Sales Energy Margin (5)		1,115,361.73		1,115,361.73
Federal Production Tax Credit (PTC) (9)		10,603,569.13		10,603,569.13
TUCO Handling Costs (7)		3,180,569.04		3,180,569.04
Renewable Energy Credits (3)		112,076.50		112,076.50
SunEd Direct Assigned Costs to New Mexico Retail		894,463.04		894,463.04
Disallowed Resources (8)		(144,565.05)		(144,565.05)
Variable O & M Costs (Long-term PPAs) (6)		447,904.56		447,904.56
NET SYSTEM COST		\$57,465,177.12	\$0.00	\$57,465,177.12
Texas Retail Allocator (Texas Retail/Total System)		0.5183341674879		0.5183341674879
SUB TOTAL		\$29,786,164.74	\$0.00	\$29,786,164.74
ARR and TCR Credits		(\$32,324,216.77)		(\$32,324,216.77)
Retail Allocator (Texas Retail/(Texas Retail plus New Mexico Retail))		0.5345379093751		0.5345379093751
Texas Allocated Share of ARR/TCR Credits		(\$17,278,519.25)	\$0.00	(\$17,278,519.25)
TEXAS RETAIL FUEL AND PURCHASED POWER		\$12,507,645.49	\$0.00	\$12,507,645.49
TEXAS RETAIL REVENUES & SALES				
	ACCOUNT	FUEL REVENUES	kWh SALES	
Residential	440	\$3,743,674.23	249,948,789	
Commercial & Industrial	442	13,695,833.64	959,129,749	
Street & Highway	444	18,019.63	1,203,073	
Public Authorities	445	558,353.13	37,313,202	
TOTAL TEXAS RETAIL		\$18,015,880.63	1,247,594,812	
OVER(UNDER) RECOVERY OF FUEL COSTS				
		OVER(UNDER) RECOVERY	INTEREST	TOTAL
		Interest Rate :	4.90%	
Beginning Cumulative Balance		\$64,658,750.01	(\$142,470.34)	\$64,516,279.67
Current Month		5,508,235.14	257,703.86	5,765,939.00
Prior Period Adjustment (1)		(1,240.31)	(9.82)	(1,250.13)
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		\$70,165,744.84	\$115,223.70	\$70,280,968.54

(1) Prior Surcharge/Refund Amounts Docket Nos. 52210 & 54282

(2) Per Order in PUC Docket No. 42004, Page 7

(3) Per Order in PUC Docket No. 54634, Page 14

(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, Page 4 - 5

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

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

SOUTHWESTERN PUBLIC SERVICE COMPANY
TEXAS RETAIL
FUEL COST REPORT
FOR THE MONTH OF SEPTEMBER 2024
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NET SYSTEM FUEL COST

Total Company Fuel Cost	\$14,702,077.58
Plus: Energy Cost of Purchased Power	60,827,301.38
Plus: Transmission of Electricity by Others	0.00
Less: Off-System Sales Energy Cost	1,854,822.89
Less: Off-System Sales Energy Margin (5)	1,115,361.73
Less: Federal Production Tax Credit (PTC) (9)	10,603,569.13
Less: TUCO Handling Costs (7)	3,180,569.04
Less: Renewable Energy Credits (3)	112,076.50
Less: SunEd Direct Assigned Costs to New Mexico Retail	894,463.04
Less: Disallowed Resources (8)	(144,565.05)
Less: Variable O & M Costs (Long-term PPAs) (6)	447,904.56
NET SYSTEM FUEL COST	\$57,465,177.12

TEXAS RETAIL ALLOCATOR
SUB TOTAL

0.5183341674879
\$29,786,164.74

Plus: Texas Allocated Share of ARR/TCR Credits

(\$17,278,519.25)

TEXAS RETAIL ACTUAL FUEL COST FACTOR

Texas Retail Applicable Fuel Cost	\$12,507,645.49
Texas Retail Production kWh Billed	1,148,809,685
TEXAS RETAIL ACTUAL FUEL COST FACTOR	0.0108874826316

TEXAS RETAIL

	PRODUCTION kWh BILLED	LOSS FACTOR *	PRODUCTION kWh @ SOURCE
Total Texas Retail Prod kWh Sales @ Source			
Secondary 03	464,481,429 *	1.112937 =	516,938,568
Primary 05	189,788,954 *	1.095331 =	207,881,725
Sub-Transmission 07	94,983,002 *	1.028269 =	97,668,076
Backbone Transmission 09	399,556,300 *	1.022750 =	408,646,206
Total Texas Retail Prod kWh Sales @ Source	1,148,809,685	1.0716610343048	1,231,134,575

TEXAS RETAIL OVER/(UNDER) RECOVERY

Texas Retail Fuel Revenue	\$18,015,880.63
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	PRODUCTION kWh BILLED	LOSS MULTIPLIER	ACTUAL FUEL COST FACTOR	
Actual Fuel Cost				
Secondary	464,481,429 *	1.0385158780379 *	0.0108874826316 =	\$ 5,251,809.57
Primary	189,788,954 *	1.0220871758303 *	0.0108874826316 =	2,111,963.20
Sub-Transmission	94,983,002 *	0.9595095530062 *	0.0108874826316 =	992,253.57
Backbone Transmission	399,556,300 *	0.9543596037001 *	0.0108874826316 =	4,151,619.15
Total Texas Retail Actual Fuel Cost	1,148,809,685			\$ 12,507,645.49

TOTAL OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH

\$5,508,235.14

* Line loss factors per Order in PUC Docket No. 54634, Page 15.

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

Oct-23	11,657,148.79		
Nov-23	14,927,004.71		
Dec-23	17,260,551.57		
Jan-24	22,223,211.14		
Feb-24	12,083,912.76		
Mar-24	12,814,782.75		
Apr-24	5,345,916.76		
May-24	5,751,207.69		
Jun-24	(4,098,173.35)		
Jul-24	15,461,071.07		
Aug-24	15,273,456.33		
Sep-24	12,507,645.49		
Total of Rolling 12 Months	\$141,207,735.71		
Threshold Percentage		4%	
Materiality Threshold			\$ <u>5,648,309.43</u>

SOUTHWESTERN PUBLIC SERVICE COMPANY
OFF-SYSTEM SALES MARGIN
FUEL COST REPORT
FOR THE MONTH OF SEPTEMBER 2024
PROJECT NUMBER 56004

OFF-SYSTEM SALES MARGIN

Off-System Sales Revenue	3,083,520.44
Off-System Sales Energy Cost	1,854,822.89
Off-System Sales Margins - Adjustment for Disallowed Resources (8)	9,533.93
Off-System Sales Other Cost of Sales	0.00
Margin (Revenue - Fuel Cost + Adj for Disallowed Resources - Other Cost of Sales)	<u>\$1,238,231.48</u>

	<u>Total Margins</u>	<u>Sharing Percentage</u>		
Monthly Margins (Apr, Jun, Aug and Sep 2024)	\$1,228,697.55	90%	(10)	\$1,105,827.80
Current Month 10% Margins (Adj) for Disallowed Resources	\$9,533.93		(8)	\$9,533.93
Company Net Margin Sharing	<u>\$1,238,231.48</u>			<u>\$1,115,361.73</u>

Texas Retail Allocator	<u>0.5183341674879</u>
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Texas Applicable Margin Credit	C	<u>\$578,130.10</u>
Total Texas Retail Production kWh Billed	K	<u>1,148,809,685</u>

Texas Retail Off-System Sales Margin Factor = C/K =	0.0005032427108
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OFF-SYSTEM SALES MARGIN	PRODUCTION kWh BILLED	LOSS MULTIPLIER	MARGIN CREDIT FACTOR	
Secondary	464,481,429 *	1.0385158780379 *	0.0005032427108 =	\$ 242,749.86
Primary	189,788,954 *	1.0220871758303 *	0.0005032427108 =	97,619.45
Sub-Transmission	94,983,002 *	0.9595095530062 *	0.0005032427108 =	45,864.08
Backbone Transmission	399,556,300 *	0.9543596037001 *	0.0005032427108 =	\$191,896.71
Total Texas Retail Sales Margin Credit	<u>1,148,809,685</u>			<u>\$ 578,130.10</u>

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

SOUTHWESTERN PUBLIC SERVICE COMPANY
FUEL COST REPORT
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TEXAS RETAIL ALLOCATOR

Total Texas Retail Prod kWh Sales @ Source	PRODUCTION kWh BILLED	LOSS FACTOR *	PRODUCTION kWh @ SOURCE
Secondary 03	464,481,429 *	1.112937 =	516,938,568
Primary 05	189,788,954 *	1.095331 =	207,881,725
Sub-Transmission 07	94,983,002 *	1.028269 =	97,668,076
Backbone Transmission 09	399,556,300 *	1.02275 =	408,646,206
	1,148,809,685	1.0716610343048	1,231,134,575

Total NM Retail Prod Sales @ Source	PRODUCTION kWh BILLED	LOSS FACTOR *	PRODUCTION kWh @ SOURCE
Secondary 02 and 03	197,767,651 *	1.112937 =	220,102,936
Primary 05	374,115,219 *	1.095331 =	409,779,997
Sub-Transmission 07	10,586,537 *	1.028269 =	10,865,808
Backbone Transmission 09	421,678,911 *	1.02275 =	431,272,106
	1,004,148,318	1.0676120526941	1,072,040,847

Total Applicable Company Prod kWh Sales @ Source	
Total Texas Prod Retail Sales @ Source (kWh)	1,231,134,575
Plus: Total New Mexico Prod Retail Sales @ Source (kWh)	1,072,040,847
Plus: SPS Wholesale Prod Sales @ Source (kWh)	72,000,000
Total Applicable Company Prod kWh Sales @ Source	2,375,175,422

TEXAS RETAIL ALLOCATOR 0.5183341674879

Total Texas Retail Prod Sales @ Source (kWh)	1,231,134,575
Plus: Total New Mexico Retail Prod Sales @ Source (kWh)	1,072,040,847
Total Retail Company Prod kWh Sales @ Source	2,303,175,422

RETAIL ALLOCATOR 0.5345379093751

Texas Prod Billed (kWhs)	Secondary 03	Primary 05
September Billed September	204,386,092	33,582,550
September Billed October	240,924,247	142,960,788
September Billed November	17,203,688	12,981,012
September Billed (other)	1,967,401	264,605
Total	464,481,429	189,788,954

Texas Prod Billed (kWhs)	Sub-Transmission 07	Backbone Transmission 09	Total
September Billed September	-	-	237,968,642
September Billed October	94,983,002	399,556,300	878,424,337
September Billed November	-	-	30,184,700
September Billed (other)	-	-	2,232,006
Total	94,983,002	399,556,300	1,148,809,685

New Mexico Prod Billed (kWhs)	Secondary 02	Secondary 03	Primary 05
September Billed September	52,175,728	32,983,558	89,009,972
September Billed October	59,136,906	47,597,583	244,041,002
September Billed November	543,830	5,483,637	41,200,563
September Billed (other)	149,835	(303,426)	(136,317)
Total	112,006,299	85,761,352	374,115,219

New Mexico Prod Billed (kWhs)	Sub-Transmission 07	Backbone Transmission 09	Total
September Billed September	-	235,466	174,404,724
September Billed October	10,586,537	416,333,916	777,695,944
September Billed November	-	5,109,529	52,337,559
September Billed (other)	-	-	(289,908)
Total	10,586,537	421,678,911	1,004,148,318

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