



Control Number: 45514



Item Number: 123

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SOUTHWESTERN PUBLIC SERVICE COMPANY  
FUEL COST REPORT  
FOR THE MONTH OF FEBRUARY 2016  
PROJECT NUMBER 45514

Current System Fuel Factor (#/kwh): 0.022074

	ACCOUNT	RECONCILABLE	NON-RECONCILABLE	TOTAL
<b>TOTAL SYSTEM FUEL AND PURCHASED POWER COSTS</b>				
<b>Fuel Cost:</b>				
Fuel	501	\$20,322,190.10		\$20,322,190.10
Environmental Consumable Chemicals	502	68,248.51		\$68,248.51
Steam-Other Sources	503	0.00		0.00
Less: Coal Residual Disposal	501	(758,532.49)		(758,532.49)
Total Fuel Cost		\$21,148,971.10	\$0.00	\$21,148,971.10
Allowances	509	\$0.00		\$0.00
Other Fuel Cost	547	340,772.37		340,772.37
Purchased Power Cost	555	28,845,163.42		28,845,163.42
Transmission of Electricity by Others	565	0.00		0.00
<b>TOTAL SYSTEM COST</b>		<b>\$50,334,906.89</b>	<b>\$0.00</b>	<b>\$50,334,906.89</b>
<b>LESS (from Texas Retail Collections detail):</b>				
Off-System Sales Energy Cost		\$1,589,656.81		\$1,589,656.81
SPP Energy Loss Reimbursement (Prior Period)		0.00		0.00
NM Co-ops Incremental Fuel Costs		0.00		0.00
TUCO Handling Costs (8)		3,563,376.38		3,563,376.38
Renewable Energy Credits (3)		134,475.60		134,475.60
SunEd Direct Assigned Costs to New Mexico Retail		871,891.35		871,891.35
ICO (6)		0.00		0.00
Variable O & M Costs (Long-term PPAs) (7)		1,075,916.62		1,075,916.62
<b>NET SYSTEM COST</b>		<b>\$43,099,590.13</b>	<b>\$0.00</b>	<b>\$43,099,590.13</b>
Texas Retail Allocator (Texas Retail/Total System)		0.5734790656713		0.5734790656713
<b>SUB TOTAL</b>		<b>\$24,716,712.68</b>	<b>\$0.00</b>	<b>\$24,716,712.68</b>
<b>PLUS: Ancillary Services Load Charges</b>				
Texas Retail Allocator, less Wholesale FCA #14 (Texas Retail/(Total System less Wholesale FCA #14))		\$473,976.10		\$473,976.10
		0.5752050098561		
Texas Allocated Share of AS Load Charges		\$272,633.43	\$0.00	\$272,633.43
ARR and TCR Credits		(\$1,382,377.82)		(\$1,382,377.82)
Retail Allocator (Texas Retail/(Texas Retail plus New Mexico Retail))		0.7177072974438		
Texas Allocated Share of ARR/TCR Credits		(\$992,142.65)	\$0.00	(\$992,142.65)
<b>TEXAS RETAIL FUEL AND PURCHASED POWER</b>		<b>\$23,997,203.46</b>	<b>\$0.00</b>	<b>\$23,997,203.46</b>

	ACCOUNT	FUEL REVENUES	kWh SALES
<b>TEXAS RETAIL REVENUES &amp; SALES</b>			
Residential	440	\$4,684,424.97	191,223,085
Commercial & Industrial	442	21,017,540.95	881,201,774
Street & Highway	444	72,308.76	2,818,801
Public Authorities	445	730,497.99	28,852,410
<b>TOTAL TEXAS RETAIL</b>		<b>\$26,504,772.67</b>	<b>1,104,096,069</b>

	OVER(UNDER) RECOVERY	INTEREST	TOTAL
<b>OVER(UNDER) RECOVERY OF FUEL COSTS</b>			
	Interest Rate :	0.18%	
Beginning Cumulative Balance	\$9,379,745.45	(\$7,299.54)	\$9,372,445.91
Current Month	2,507,569.21	1,404.71	2,508,973.92
Prior Period Adjustment (1)	(12,055.17)	175.37	(11,879.80)
Off-System Sales Margin (5)	286,739.44	0.00	286,739.44
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	\$12,161,998.93	(\$5,719.46)	\$12,156,279.47

- (1) Prior Surcharge/Refund Amounts Docket Nos. 36712, 39740  
(2) Per Order in PUC Docket No. 42004, Page 7  
(3) Per Order in PUC Docket No. 43695, Page 39  
(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. 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

SOUTHWESTERN PUBLIC SERVICE COMPANY  
TEXAS RETAIL  
FUEL COST REPORT  
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**NET SYSTEM FUEL COST**

Total Company Fuel Cost	\$21,489,743.47
Plus: Energy Cost of Purchased Power	28,845,163.42
Plus: Transmission of Electricity by Others	0.00
Less: Off-System Sales Energy Cost	1,589,656.81
Less: NM Co-ops Incremental Fuel Cost	0.00
Less: TUCO Handling Costs	3,563,376.38
Less: Renewable Energy Credits	134,475.60
Less: SunEd Direct Assigned Costs to NM	871,891.35
Less: ICO	0.00
Less: Variable O & M Costs (Long-term PPAs)	1,075,916.62
<b>NET SYSTEM FUEL COST</b>	<b>\$43,099,590.13</b>

**TEXAS RETAIL ALLOCATOR**

<b>SUB TOTAL</b>	<b>0.5734790656713</b>
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	<b>\$24,716,712.68</b>
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Plus: Texas Allocated Share of AS Load Charges	\$272,633.43
Plus: Texas Allocated Share of ARR/TCR Credits	(\$992,142.65)

**TEXAS RETAIL ACTUAL FUEL COST FACTOR**

Texas Retail Applicable Fuel Cost	\$23,997,203.46
Texas Retail kWh Billed	1,104,096,069
<b>TEXAS RETAIL ACTUAL FUEL COST FACTOR</b>	<b>0.0217347059972</b>

**TEXAS RETAIL**

Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source
Secondary 03	383,211,968 *	1.120217 =	429,280,561
Primary 05	170,476,254 *	1.099263 =	187,398,239
Sub-Transmission 07	98,235,417 *	1.032914 =	101,468,738
Backbone Transmission 09	452,172,430 *	1.025158 =	463,548,184
Total Texas Retail kWh Sales @ Source	<u>1,104,096,069</u>	<u>1.0702834244267</u>	<u>1,181,695,722</u>

**TEXAS RETAIL OVER/(UNDER) RECOVERY**

Texas Retail Fuel Revenue	\$26,504,772.67
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Actual Fuel Cost	kWh BILLED	LOSS MULTIPLIER	ACTUAL FUEL COST FACTOR	
Secondary	383,211,968 *	1.0466545350827 *	0.0217347059972 =	\$ 8,717,585.07
Primary	170,476,254 *	1.0270765433827 *	0.0217347059972 =	3,805,576.66
Sub-Transmission	98,235,417 *	0.9650845527700 *	0.0217347059972 =	2,060,569.31
Backbone Transmission	452,172,430 *	0.9578378741585 *	0.0217347059972 =	9,413,472.42
Total Texas Retail Actual Fuel Cost	<u>1,104,096,069</u>			<u>\$ 23,997,203.46</u>

**TOTAL OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH**

	<b>\$2,507,569.21</b>
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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

Mar-15	\$28,121,357.01		
Apr-15	\$26,771,249.04		
May-15	\$27,050,814.80		
Jun-15	\$25,833,422.61		
Jul-15	\$33,834,050.89		
Aug-15	\$33,734,059.34		
Sep-15	\$28,699,074.10		
Oct-15	\$26,436,122.45		
Nov-15	\$27,872,948.69		
Dec-15	\$25,794,858.29		
Jan-16	\$26,163,545.74		
Feb-16	\$23,997,203.46		
Total of Rolling 12 Months	\$334,308,706.42		
Threshold Percentage		4%	
Materiality Threshold			<u>\$ 13,372,348.26</u>

SOUTHWESTERN PUBLIC SERVICE COMPANY  
OFF-SYSTEM SALES MARGIN  
FUEL COST REPORT  
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<b>OFF-SYSTEM SALES MARGIN</b>		
Off-System Sales Revenue		\$2,145,212.18
Off-System Sales Energy Cost		1,589,656.81
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)		<u>\$555,555.37</u>
90% of Company Net Margin (9)		\$499,999.83
Texas Retail Allocator		<u>0.5734790656713</u>
Texas Applicable Margin Credit	C	<u>\$286,739.44</u>
Total Texas Retail kWh Billed	K	<u>1,104,096,069</u>
Texas Retail Off-System Sales Margin Factor = C/K =		0.0002597051543

OFF-SYSTEM SALES MARGIN	kWh BILLED	LOSS MULTIPLIER	MARGIN CREDIT FACTOR		
Secondary	383,211,968 *	1.0466545350827 *	0.0002597051543 =	\$	104,165.28
Primary	170,476,254 *	1.02707665433827 *	0.0002597051543 =		45,472.34
Sub-Transmission	98,235,417 *	0.9650845527700 *	0.0002597051543 =		24,621.47
Backbone Transmission	452,172,430 *	0.9578378741585 *	0.0002597051543 =		\$112,480.35
Total Texas Retail Sales Margin Credit	<u>1,104,096,069</u>			<u>\$</u>	<u>286,739.44</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)

**SOUTHWESTERN PUBLIC SERVICE COMPANY**  
**FUEL COST REPORT**  
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**TEXAS RETAIL ALLOCATOR**

Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source
Secondary 03	359,275,721 *	1.120217 =	402,466,770
Primary 05	167,338,515 *	1.099263 =	183,949,038
Sub-Transmission 07	92,206,231 *	1.032914 =	95,241,107
Backbone Transmission 09	415,450,318 *	1.025158 =	425,902,217
	<u>1,034,270,784</u>	<u>1.0708599227021</u>	<u>1,107,559,132</u>

Total NM Retail Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source
Secondary 02 and 03	160,990,750	1.120217 =	180,344,575
Primary 05	107,782,879	1.099263 =	118,481,731
Sub-Transmission 07	14,259,123	1.032914 =	14,728,448
Backbone Transmission 09	119,080,846	1.025158 =	122,076,682
	<u>402,113,598</u>	<u>1.0833541525891</u>	<u>435,631,436</u>

FCR 21 - 1.0833541525891 0

Total NM Retail Sales @ Source 435,631,436

Total Applicable Company kWh Sales @ Source	
Total Texas Retail Sales @ Source (kWh)	1,107,559,132
Plus: Total New Mexico Retail Sales @ Source (kWh)	435,631,436
Plus: SPS Wholesale Sales @ Source (kWh)	388,107,710
Total Applicable Company kWh Sales @ Source	<u>1,931,298,278</u>

TEXAS RETAIL ALLOCATOR 0.5734790656713

Total Applicable Company kWh Sales @ Source	
Total Texas Retail Sales @ Source (kWh)	1,107,559,132
Plus: Total New Mexico Retail Sales @ Source (kWh)	435,631,436
Plus: SPS Wholesale Sales @ Source (kWh)	388,107,710
Less: Wholesale FCA #14 @ Source (kWh)	5,795,000
Total Applicable Company kWh Sales @ Source	<u>1,925,503,278</u>

TEXAS RETAIL ALLOCATOR, LESS WHOLESALE FCA #14 0.5752050098561

Total Texas Retail Sales @ Source (kWh)	1,107,559,132
Plus: Total New Mexico Retail Sales @ Source (kWh)	435,631,436
Total Retail Company kWh Sales @ Source	<u>1,543,190,568</u>

RETAIL ALLOCATOR 0.7177072974438

Texas Billed (kWhs)	Secondary 03	Primary 05
February Billed February	151,031,103	50,573,369
February Billed March	202,520,431	118,797,971
February Billed April	7,197,184	3,904,170
February Billed (other)	(1,472,997)	(5,936,995)
Total	<u>359,275,721</u>	<u>167,338,515</u>

Texas Billed (kWhs)	Sub-Transmission 07	Backbone Transmission 09	Total
February Billed February	-	4,662,693	206,267,165
February Billed March	92,015,000	410,237,916	823,571,317
February Billed April	191,231	549,709	11,842,294
February Billed (other)	-	-	(7,409,992)
Total	<u>92,206,231</u>	<u>415,450,318</u>	<u>1,034,270,784</u>

New Mexico Billed (kWhs)	Secondary 02	Secondary 03	Primary 05
February Billed February	46,251,675	22,287,481	29,940,768
February Billed March	53,305,125	37,009,669	70,579,045
February Billed April	234,671	2,008,283	7,192,320
February Billed (other)	(25,553)	(80,601)	70,745
Total	<u>99,765,919</u>	<u>61,224,831</u>	<u>107,782,879</u>

New Mexico Billed (kWhs)	Sub-Transmission 07	Backbone Transmission 09	Total
February Billed February	-	4,955,667	103,435,591
February Billed March	14,259,123	113,219,321	288,372,284
February Billed April	-	905,858	10,341,132
February Billed (other)	-	-	(35,409)
Total	<u>14,259,123</u>	<u>119,080,846</u>	<u>402,113,598</u>