



Control Number: 37856



Item Number: 149

Addendum StartPage: 0

SOUTHWESTERN PUBLIC SERVICE COMPANY  
FUEL COST REPORT  
FOR THE MONTH OF MARCH 2010  
PROJECT NUMBER 37856

RECEIVED  
12 SEP 26 PM 2:00  
PUBLIC UTILITY COMMISSION  
FILING CLERK

Current System Fuel Factor (\$/kwh): 0.027902

	ACCOUNT	RECONCILABLE	NON-RECONCILABLE	TOTAL
<b>TOTAL SYSTEM FUEL AND PURCHASED POWER COSTS</b>				
<b>Fuel Cost:</b>				
Fuel	501	\$35,603,642.63		\$35,603,642.63
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	0.00		0.00
Less: Coal Residual Disposal	50170	6,671.50		6,671.50
Total Fuel Cost		<u>\$35,596,971.13</u>	<u>\$0.00</u>	<u>\$35,596,971.13</u>
Allowances	509	\$866,201.24		\$866,201.24
Other Fuel Cost	547	53,729.40		53,729.40
Purchased Power Cost	55502	32,005,478.51		32,005,478.51
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		<u>\$68,522,380.28</u>	<u>\$0.00</u>	<u>\$68,522,380.28</u>
<b>LESS (from Texas Retail Collections detail):</b>				
Economy & Emergency Sales Cost		\$371,711.02		\$371,711.02
SPP Energy Loss Reimbursement		47,772.57		47,772.57
Celanese Direct Assigned Cost		0.00		0.00
TUCO Handling Costs		3,494,304.59		3,494,304.59
Renewable Energy Credits (3)		428,680.00		428,680.00
Variable O & M Costs (Long-term PPAs)		557,523.70		557,523.70
NET SYSTEM COST		<u>\$63,622,388.40</u>	<u>\$0.00</u>	<u>\$63,622,388.40</u>
Texas Retail Allocator (Texas Cost/Total System)		<u>0.5117515602180</u>		<u>0.5117515602180</u>
<b>TEXAS RETAIL FUEL AND PURCHASED POWER</b>				
		<u>\$32,558,856.53</u>	<u>\$0.00</u>	<u>\$32,558,856.53</u>

	ACCOUNT	FUEL REVENUES	kWh SALES
<b>TEXAS RETAIL REVENUES &amp; SALES</b>			
Residential	440	\$6,639,715.87	229,504,639
Commercial & Industrial	442	24,215,400.37	876,817,623
Street & Highway	444	84,868.05	2,933,567
Public Authorities	445	882,492.44	30,492,177
TOTAL TEXAS RETAIL		<u>\$31,822,476.73</u>	<u>1,139,748,006</u>

	OVER(UNDER) RECOVERY	INTEREST	TOTAL
<b>OVER(UNDER) RECOVERY OF FUEL COSTS</b>			
	Interest Rate :	0.61%	
Beginning Cumulative Balance	(\$21,028,517.15)	(\$1,618,166.15)	(\$22,646,683.30)
Current Month	(736,379.80)	(11,480.00)	(747,859.80)
Prior Period Adjustment (1)	(1,057,041.59)	(49,305.06)	(1,106,346.65)
Transfer from Economy & Emerg Sales (5)	96,846.73	0.00	96,846.73
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	<u>(\$22,725,091.81)</u>	<u>(\$1,678,951.21)</u>	<u>(\$24,404,043.02)</u>

- (1) Prior Surcharge/Refund Amounts Docket Nos. 27751, 28170, 28861, 29670, 30397, 31978, 32685, 36712  
(2) Per Order in PUC Docket No. 38147, Page 10  
(3) Per Order in PUC Docket No. 35763, Pages 7 - 8  
(4) Per Order in PUC Docket No. 29801, Pages 16 - 17  
(5) Per Order in PUC Docket No. 37849, Page 3

SOUTHWESTERN PUBLIC SERVICE COMPANY  
TEXAS RETAIL  
FUEL COST REPORT  
FOR THE MONTH OF MARCH 2010  
PROJECT NUMBER 37856

**NET SYSTEM FUEL COST**

Total Company Fuel Cost	\$36,516,901.77
Plus: Energy Cost of Purchased Power	32,005,478.51
Plus: Transmission of Electricity by Others	0.00
Less: Energy Cost of Economy & Emergency Sales	371,711.02
Less: SPP Energy Loss Reimbursement	47,772.57
Less: Celanese Fuel Cost	0.00
Less: TUCO Handling Costs	3,494,304.59
Less: Renewable Energy Credits	428,680.00
Less: Variable O & M Costs (Long-term PPAs)	557,523.70
<b>NET SYSTEM FUEL COST</b>	<b>\$63,622,388.40</b>

**TEXAS RETAIL ALLOCATOR**

0.5117515602180

**TEXAS RETAIL ACTUAL FUEL COST FACTOR**

Texas Retail Applicable Fuel Cost	\$ 32,558,856.53
Texas Retail kWh Billed	1,139,748,006
<b>TEXAS RETAIL ACTUAL FUEL COST FACTOR</b>	<b>0.0285667150621</b>

**TEXAS RETAIL**

Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source
Secondary 03	501,340,162 *	1.132439 =	567,737,152
Primary 05	170,866,618 *	1.112001 =	190,003,850
Sub-Transmission 07	75,596,344 *	1.032089 =	78,022,155
Backbone Transmission 09	391,944,882 *	1.024427 =	401,518,920
<b>Total Texas Retail kWh Sales @ Source</b>	<b>1,139,748,006</b>	<b>1.0855751187864</b>	<b>1,237,282,077</b>

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

Texas Retail Fuel Revenue	\$31,822,476.73
---------------------------	-----------------

Actual Fuel Cost	kWh BILLED	LOSS MULTIPLIER	ACTUAL FUEL COST FACTOR	
Secondary	501,340,162 *	1.0431696346044 *	0.0285667150621 =	\$ 14,939,901.60
Primary	170,866,618 *	1.0243427476886 *	0.0285667150621 =	4,999,917.33
Sub-Transmission	75,596,344 *	0.9507301541268 *	0.0285667150621 =	2,053,139.05
Backbone Transmission	391,944,882 *	0.9436721441675 *	0.0285667150621 =	10,565,898.55
<b>Total Texas Retail Actual Fuel Cost</b>	<b>1,139,748,006</b>			<b>\$ 32,558,856.53</b>

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

(\$736,379.80)

SOUTHWESTERN PUBLIC SERVICE COMPANY  
 TEXAS RETAIL  
 FUEL COST REPORT  
 FOR THE MONTH OF MARCH 2010  
 PROJECT NUMBER 37856

Calculation of Materiality Threshold

TEXAS RETAIL FUEL AND PURCHASED POWER - from each monthly report

Apr-09	\$24,205,137.74		
May-09	\$26,028,708.79		
Jun-09	\$29,901,728.08		
Jul-09	\$34,775,385.69		
Aug-09	\$33,401,143.91		
Sep-09	\$23,783,721.10		
Oct-09	\$27,730,824.68		
Nov-09	\$29,800,576.50		
Dec-09	\$40,505,870.54		
Jan-10	\$42,916,051.15		
Feb-10	\$39,461,924.61		
Mar-10	\$32,558,856.53		
Total of Rolling 12 Months	\$385,069,929.32		
Threshold Percentage		4%	
Materiality Threshold			<u>\$ 15,402,797.17</u>

SOUTHWESTERN PUBLIC SERVICE COMPANY  
ECONOMY & EMERGENCY SALES MARGIN CREDIT  
FUEL COST REPORT  
FOR THE MONTH OF MARCH 2010  
PROJECT NUMBER 37856

**ECONOMY & EMERGENCY SALES**

Economy & Emergency Revenue	\$581,983.90
Economy & Emergency Fuel Cost	371,711.02
Economy & Emergency Transmission Cost	0.00
Economy & Emergency Other Cost of Sales	0.00
Margin (Revenue - Fuel Cost - Transmission Cost - Other Cost of Sales)	<u>\$210,272.88</u>

90% of Company Net Margin (6) \$189,245.59

Texas Retail Allocator 0.5117515602180

Texas Applicable Margin Credit	<u>C</u>	<u>\$96,846.73</u>
Total Texas Retail kWh Billed	<u>K</u>	<u>1,139,748,006</u>

Texas Retail Economy & Emergency Sales Margin Credit Factor = C/K = 0.0000849720548

**ECONOMY & EMERGENCY SALES MARGIN CREDIT**

	kWh BILLED	LOSS MULTIPLIER	MARGIN CREDIT FACTOR	
Secondary	501,340,162 *	1.0431696346044 *	0.0000849720548 =	\$ 44,438.93
Primary	170,866,618 *	1.0243427476886 *	0.0000849720548 =	14,872.32
Sub-Transmission	75,596,344 *	0.9507301541268 *	0.0000849720548 =	6,107.09
Backbone Transmission	391,944,882 *	0.9436721441675 *	0.0000849720548 =	\$31,428.39
Total Texas Retail Sales Margin Credit	<u>1,139,748,006</u>			<u>\$ 96,846.73</u>

(6) Per Order in PUC Docket No. 32766, Page 14 and PUC Docket No. 35763, Page 10

**SOUTHWESTERN PUBLIC SERVICE COMPANY  
FUEL COST REPORT  
FOR THE MONTH OF MARCH 2010  
PROJECT NUMBER 37856**

**TEXAS RETAIL ALLOCATOR**

Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source
Secondary 03	449,562,855 *	1.132439 =	509,102,510
Primary 05	167,734,993 *	1.112001 =	186,521,480
Sub-Transmission 07	87,090,385 *	1.032089 =	89,885,028
Backbone Transmission 09	425,122,518 *	1.024427 =	435,506,986
	<u>1,129,510,751</u>	<u>1.0810131757657</u>	<u>1,221,016,004</u>

Total NM Retail Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source
Secondary 02 and 03	161,703,762	1.132439 =	183,119,647
Primary 05	82,724,234	1.112001 =	91,989,431
Sub-Transmission 07	22,913,958	1.032089 =	23,649,244
Backbone Transmission 09	81,259,112	1.024427 =	83,244,028
	<u>348,601,066</u>	<u>1.0958152090103</u>	<u>382,002,350</u>

FCR 21	25,676	1.0958152090103	28,136
--------	--------	-----------------	--------

Total NM Retail kWh Sales @ Source			<u>382,030,486</u>
------------------------------------	--	--	--------------------

Total Applicable Company kWh Sales @ Source	
Total Texas Retail Sales @ Source (kWh)	1,221,016,004
Plus: Total New Mexico Retail Sales @ Source (kWh)	382,030,486
Plus: SPS Wholesale Sales @ Source (kWh)	782,908,139
Total Applicable Company kWh Sales @ Source	<u>2,385,954,629</u>

TEXAS RETAIL ALLOCATOR	<u>0.5117515602180</u>
------------------------	------------------------

**Information by Voltage Level**

Texas Billed (kWhs)	Secondary 03	Primary 05
March Billed March	219,969,078	59,502,259
March Billed April	222,052,525	104,172,678
March Billed May	7,969,144	4,092,004
March Billed (other)	(427,892)	(31,948)
Total	<u>449,562,855</u>	<u>167,734,993</u>

Texas Billed (kWhs)	Sub-Transmission 07	Backbone Transmission 09	Total
March Billed March	3,670,935	15,830,849	298,973,121
March Billed April	83,419,450	409,291,669	818,936,322
March Billed May	-	-	12,061,148
March Billed (other)	-	-	(459,840)
Total	<u>87,090,385</u>	<u>425,122,518</u>	<u>1,129,510,751</u>

New Mexico Billed (kWhs)	Secondary 02	Secondary 03	Primary 05
March Billed March	47,273,871	29,144,229	33,814,951
March Billed April	44,610,318	36,920,729	45,309,513
March Billed May	376,896	3,377,719	3,599,770
March Billed (other)	-	-	-
Total	<u>92,261,085</u>	<u>69,442,677</u>	<u>82,724,234</u>

New Mexico Billed (kWhs)	Sub-Transmission 07	Backbone Transmission 09	Total
March Billed March	-	11,468,392	121,701,443
March Billed April	22,913,958	69,046,516	218,801,034
March Billed May	-	744,204	8,098,589
March Billed (other)	-	-	-
Total	<u>22,913,958</u>	<u>81,259,112</u>	<u>348,601,066</u>