



Control Number: 29163



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May 14, 2004

**VIA FEDERAL EXPRESS**

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PUBLIC UTILITY COMMISSION OF TEXAS  
1701 N. Congress Avenue, Room G-112  
Austin, TX 78701

RE: 2004 Electric Utilities Fuel Cost and Use Information Pursuant to Subst. R. § 25.82 –  
**Project No. 29163**

Enclosed are revised Southwestern Public Service Company's Fuel Cost Reports for the months January and February 2004. If you need any further information, please contact me at (303) 294-2193 or Michael Mally at (303) 294-2172.

Sincerely,

Sherri Rodden  
Senior Rate Analyst

SR/sr  
Enclosures

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**SOUTHWESTERN PUBLIC SERVICE COMPANY  
TEXAS DEFERRED FUEL COST REPORT  
FOR THE MONTH OF JANUARY 2004**

Current System Fuel Factor (¢/kwh):		0.022314		
	ACCOUNT	RECONCILABLE	NON-RECONCILABLE	TOTAL
<b>TOTAL SYSTEM FUEL AND PURCHASED POWER COSTS</b>				
Fuel Cost:				
Fuel	501	\$44,803,218.34		\$44,803,218.34
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	231,073.19		231,073.19
Coal Residual Disposal	50170	(2,556.00)		(2,556.00)
Total Fuel Cost		<u>\$45,031,735.53</u>	<u>\$0.00</u>	<u>\$45,031,735.53</u>
Nuclear Fuel Cost	518	\$0.00		\$0.00
Other Fuel Cost	547	458,742.95		458,742.95
Purchased Power Cost	55502	32,616,041.71		32,616,041.71
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		<u>\$78,106,520.19</u>	<u>\$0.00</u>	<u>\$78,106,520.19</u>
LESS (from Texas Retail Collections detail):				
Economy & Emergency Sales Cost		\$234,385.67		\$234,385.67
Celanese Direct Assigned Cost		173,381.74		173,381.74
Interruptible Demand Fee		877,820.00		877,820.00
NET SYSTEM COST		<u>\$76,820,932.78</u>	<u>\$0.00</u>	<u>\$76,820,932.78</u>
Texas Retail Allocator (Texas Cost/Total System)		0.4784138360692		0.4784138360692
TEXAS RETAIL FUEL AND PURCHASED POWER		<u>\$36,752,197.14</u>	<u>\$0.00</u>	<u>\$36,752,197.14</u>
	ACCOUNT	FUEL REVENUES	kWh SALES	
<b>TEXAS RETAIL REVENUES &amp; SALES</b>				
Residential	440	\$5,091,786.71	222,449,920	
Commercial & Industrial	442	17,493,358.92	791,826,471	
Street & Highway	444	67,413.68	2,949,792	
Public Authorities	445	644,505.13	28,160,306	
TOTAL TEXAS RETAIL		<u>\$23,297,064.44</u>	<u>1,045,386,489</u>	
		OVER(UNDER) RECOVERY	INTEREST	TOTAL
<b>OVER(UNDER) RECOVERY OF FUEL COSTS</b>		Interest Rate :	1.17%	
Beginning Cumulative Balance		(\$41,978,493.78)	(\$1,717,415.00)	(43,695,908.78)
Current Month		(13,455,132.69)	(42,376.74)	(13,497,509.43)
Prior Period Adjustment (1)		3,299,698.19	264,546.36	3,564,244.55
Transfer from Economy & Emerg Sales		12,229.32	0.00	12,229.32
Ending Cumulative Balance		<u>(\$52,121,698.96)</u>	<u>(\$1,495,245.38)</u>	<u>(\$53,616,944.34)</u>

(1) Prior Surcharge Amounts & Docket Nos. 27751, 28170

**SOUTHWESTERN PUBLIC SERVICE COMPANY  
TEXAS RETAIL  
FUEL COST REPORT  
FOR THE MONTH OF JANUARY 2004**

NET SYSTEM FUEL COST

Total Company Fuel Cost	\$45,490,478.48
Plus: Energy Cost of Purchased Power	32,616,041.71
Plus: Transmission of Electricity by Others	0.00
Less: Energy Cost of Economy & Emergency Sales	234,385.67
Less: Celanese Fuel Cost	173,381.74
Less: Interruptible Demand Fee	877,820.00
NET SYSTEM FUEL COST	<u>\$ 76,820,932.78</u>

TEXAS RETAIL ALLOCATOR

Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source
Secondary 03	542,121,165 *	1.090461 =	591,161,988
Primary 05	114,732,938 *	1.075571 =	123,403,421
Sub-Transmission 07	132,970,056 *	1.029501 =	136,892,806
Backbone Transmission 09	255,562,329 *	1.023659 =	261,608,678
Total Texas Retail kWh Sales @ Source	<u>1,045,386,489</u>	<u>1.0647419927888</u>	<u>1,113,066,893</u>

Total Applicable Company kWh Sales @ Source

Total Company kWh	1,785,818,000
Plus: Purchased Power kWh	570,311,343
Less: Economy & Emergency Sales kWh	3,892,000
Less: Economy & Emergency Sales kWh Losses	151,788
Less: Celanese kWh	25,508,000
Total Applicable Company kWh Sales @ Source	<u>2,326,577,555</u>

TEXAS RETAIL ALLOCATOR0.4784138360692TEXAS RETAIL ACTUAL FUEL COST FACTOR

Texas Retail Applicable Fuel Cost	\$ 36,752,197.14
Texas Retail kWh Billed	1,045,386,489
TEXAS RETAIL ACTUAL FUEL COST FACTOR	<u>0.0351565641473</u>

TEXAS RETAIL OVER/(UNDER) RECOVERY

Texas Retail Fuel Revenue	\$23,297,064.44
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Actual Fuel Cost	kWh BILLED	LOSS MULTIPLIER	ACTUAL FUEL COST FACTOR
Secondary	542,121,165 *	1.0241551543805 *	0.0351565641473 = \$ 19,519,493.45
Primary	114,732,938 *	1.0101705458079 *	0.0351565641473 = \$ 4,074,639.97
Sub-Transmission	132,970,056 *	0.9669018475579 *	0.0351565641473 = \$ 4,520,044.04
Backbone Transmission	255,562,329 *	0.9614150723208 *	0.0351565641473 = \$ 8,638,019.67
Total Texas Retail Actual Fuel Cost	<u>1,045,386,489</u>		<u>\$ 36,752,197.13</u>

TOTAL OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH(\$13,455,132.69)

**SOUTHWESTERN PUBLIC SERVICE COMPANY  
ECONOMY & EMERGENCY SALES MARGIN CREDIT  
FUEL COST REPORT  
FOR THE MONTH OF JANUARY 2004**

ECONOMY & EMERGENCY SALES

Economy & Emergency Revenue		\$261,604.00
Economy & Emergency Fuel Cost		234,385.67
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>\$27,218.33</u>
SPS Net Electric Commodity Trading Margin		<u>\$3,527.16</u>
Total Company Net Margin		<u>\$30,745.49</u>
Texas Retail Allocator		<u>0.4784138360692</u>
Texas Applicable Margin Credit	<u>C</u>	<u>\$14,709.07</u>
Total Texas Retail kWh Billed	<u>K</u>	<u>1,045,386,489</u>

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

\$0.0000140704612

ECONOMY & EMERGENCY SALES

MARGIN CREDIT	kWh BILLED	LOSS MULTIPLIER	MARGIN CREDIT FACTOR	
Secondary	542,121,165 *	1.0241551543805 *	0.0000140704612 =	7,812.15
Primary	114,732,938 *	1.0101705458079 *	0.0000140704612 =	1,630.76
Sub-Transmission	132,970,056 *	0.9669018475579 *	0.0000140704612 =	1,809.03
Backbone Transmission	255,562,329 *	0.9614150723208 *	0.0000140704612 =	\$3,457.13
Total Texas Retail Economy & Emergency Sales Margin Credit				<u>\$ 14,709.07</u>

<u>ECONOMY &amp; EMERGENCY SALES MARGIN CREDIT</u>	<u>MARGIN CREDIT</u>	<u>INTEREST</u>	<u>TOTAL</u>
	Interest Rate :	1.17%	
Beginning Cumulative Balance	\$12,229.32	(\$16,817.35)	(\$4,588.03)
Current Month	14,709.07	1.06	14,710.13
Prior Period Adjustment	0.00	0.00	0.00
Transfer to Over/(Under) Recovery	(12,229.32)	0.00	(12,229.32)
Ending Cumulative Balance	<u>\$14,709.07</u>	<u>(\$16,816.29)</u>	<u>(\$2,107.22)</u>

**SOUTHWESTERN PUBLIC SERVICE COMPANY  
TEXAS DEFERRED FUEL COST REPORT  
FOR THE MONTH OF FEBRUARY 2004**

Current System Fuel Factor (¢/kwh): 0.022314

	ACCOUNT	RECONCILABLE	NON-RECONCILABLE	TOTAL
<b>TOTAL SYSTEM FUEL AND PURCHASED POWER COSTS</b>				
Fuel Cost:				
Fuel	501	\$44,465,889.31		\$44,465,889.31
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	1,128,269.71		1,128,269.71
Coal Residual Disposal	50170	84,047.51		84,047.51
Total Fuel Cost		<u>\$45,678,206.53</u>	<u>\$0.00</u>	<u>\$45,678,206.53</u>
Nuclear Fuel Cost	518	\$0.00		\$0.00
Other Fuel Cost	547	491,656.41		491,656.41
Purchased Power Cost	555	22,146,895.84		22,146,895.84
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		<u>\$68,316,758.78</u>	<u>\$0.00</u>	<u>\$68,316,758.78</u>
LESS (from Texas Retail Collections detail):				
Economy & Emergency Sales Cost		\$225,335.26		\$225,335.26
Celanese Direct Assigned Cost		701,165.29		701,165.29
Interruptible Demand Fee		877,820.00		877,820.00
NET SYSTEM COST		<u>\$66,512,438.23</u>	<u>\$0.00</u>	<u>\$66,512,438.23</u>
Texas Retail Allocator (Texas Cost/Total System)		<u>0.4762009013623</u>		<u>0.4762009013623</u>
TEXAS RETAIL FUEL AND PURCHASED POWER		<u>\$31,673,283.04</u>	<u>\$0.00</u>	<u>\$31,673,283.04</u>

	ACCOUNT	FUEL REVENUES	kWh SALES
<b>TEXAS RETAIL REVENUES &amp; SALES</b>			
Residential	440	\$4,419,397.95	193,087,874
Commercial & Industrial	442	15,979,716.85	721,949,624
Street & Highway	444	67,625.15	2,958,620
Public Authorities	445	616,585.74	26,939,376
TOTAL TEXAS RETAIL		<u>\$21,083,325.69</u>	<u>944,935,494</u>

	OVER(UNDER) RECOVERY	INTEREST	TOTAL
<b>OVER(UNDER) RECOVERY OF FUEL COSTS</b>	Interest Rate :	1.17%	
Beginning Cumulative Balance	(\$52,121,698.96)	(\$1,495,245.38)	(53,616,944.34)
Current Month	(10,589,957.35)	(51,998.27)	(10,641,955.62)
Prior Period Adjustment (1)	3,061,682.89	243,503.12	3,305,186.01
Transfer from Economy & Emerg Sales	14,709.07	0.00	14,709.07
Ending Cumulative Balance	<u>(\$59,635,264.35)</u>	<u>(\$1,303,740.53)</u>	<u>(\$60,939,004.88)</u>

(1) Prior Surcharge Amounts & Docket Nos. 27751, 28170

**SOUTHWESTERN PUBLIC SERVICE COMPANY  
TEXAS RETAIL  
FUEL COST REPORT  
FOR THE MONTH OF FEBRUARY 2004**

NET SYSTEM FUEL COST

Total Company Fuel Cost	\$46,169,862.94
Plus: Energy Cost of Purchased Power	22,146,895.84
Plus: Transmission of Electricity by Others	0.00
Less: Energy Cost of Economy & Emergency Sales	225,335.26
Less: Celanese Fuel Cost	701,165.29
Less: Interruptible Demand Fee	877,820.00
NET SYSTEM FUEL COST	<u>\$ 66,512,438.23</u>

TEXAS RETAIL ALLOCATOR

Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source
Secondary 03	469,053,409 *	1.090461 =	511,484,449
Primary 05	100,579,974 *	1.075571 =	108,180,903
Sub-Transmission 07	128,263,672 *	1.029501 =	132,047,579
Backbone Transmission 09	247,038,440 *	1.023659 =	252,883,122
Total Texas Retail kWh Sales @ Source	944,935,494	1.0631371758903	1,004,596,053

## Total Applicable Company kWh Sales @ Source

Total Company kWh	1,619,330,000
Plus: Purchased Power kWh	518,782,514
Less: Economy & Emergency Sales kWh	4,692,000
Less: Economy & Emergency Sales kWh Losses	182,988
Less: Celanese kWh	23,632,000
Total Applicable Company kWh Sales @ Source	<u>2,109,605,526</u>

## TEXAS RETAIL ALLOCATOR

0.4762009013623

TEXAS RETAIL ACTUAL FUEL COST FACTOR

Texas Retail Applicable Fuel Cost	\$ 31,673,283.04
Texas Retail kWh Billed	944,935,494
TEXAS RETAIL ACTUAL FUEL COST FACTOR	<u>0.0335189896262</u>

TEXAS RETAIL OVER/(UNDER) RECOVERY

Texas Retail Fuel Revenue	\$21,083,325.69
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Actual Fuel Cost	kWh BILLED	LOSS MULTIPLIER	ACTUAL FUEL COST FACTOR
Secondary	469,053,409 *	1.0257011275020 *	0.0335189896262 = \$ 16,126,274.51
Primary	100,579,974 *	1.0116954090137 *	0.0335189896262 = \$ 3,410,768.29
Sub-Transmission	128,263,672 *	0.9683613962026 *	0.0335189896262 = \$ 4,163,245.83
Backbone Transmission	247,038,440 *	0.9628663386197 *	0.0335189896262 = \$ 7,972,994.41
Total Texas Retail Actual Fuel Cost	944,935,494		<u>\$ 31,673,283.04</u>

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

(\$10,589,957.35)

**SOUTHWESTERN PUBLIC SERVICE COMPANY  
ECONOMY & EMERGENCY SALES MARGIN CREDIT  
FUEL COST REPORT  
FOR THE MONTH OF FEBRUARY 2004**

ECONOMY & EMERGENCY SALES

Economy & Emergency Revenue	\$271,646.00
Economy & Emergency Fuel Cost	225,335.26
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>\$46,310.74</u>

SPS Net Electric Commodity Trading Margin	<u>\$0.00</u>
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Total Company Net Margin	\$46,310.74
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Texas Retail Allocator	<u>0.4762009013623</u>
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Texas Applicable Margin Credit	<u>C</u>	<u>\$22,053.22</u>
Total Texas Retail kWh Billed	<u>K</u>	<u>944,935,494</u>

Texas Retail Economy & Emergency Sales Margin Credit Factor = C/K =	\$0.0000233383338
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ECONOMY & EMERGENCY SALES

MARGIN CREDIT	kWh BILLED	LOSS MULTIPLIER	MARGIN CREDIT FACTOR	
Secondary	469,053,409 *	1.0257011275020 *	0.0000233383338 =	11,228.27
Primary	100,579,974 *	1.0116954090137 *	0.0000233383338 =	2,374.82
Sub-Transmission	128,263,672 *	0.9683613962026 *	0.0000233383338 =	2,898.75
Backbone Transmission	247,038,440 *	0.9628663386197 *	0.0000233383338 =	\$5,551.38
Total Texas Retail Economy & Emergency Sales Margin Credit				<u>\$ 22,053.22</u>

ECONOMY & EMERGENCY SALES MARGIN CREDIT	MARGIN CREDIT	INTEREST	TOTAL
	Interest Rate :	1.17%	
Beginning Cumulative Balance	\$14,709.07	(\$16,816.29)	(\$2,107.22)
Current Month	22,053.22	0.99	22,054.21
Prior Period Adjustment	0.00	0.00	0.00
Transfer to Over/(Under) Recovery	(14,709.07)	0.00	(14,709.07)
Ending Cumulative Balance	<u>\$22,053.22</u>	<u>(\$16,815.30)</u>	<u>\$5,237.92</u>