



Control Number: 29163



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July 14, 2004

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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 is Southwestern Public Service Company's revised Efficiency Report for the month April 2004. If you need any further information, please contact me at (303) 294-2193 or Michael Mally at (303) 294-2172.

Sincerely,

Sherri Rodden
Principal Rate Analyst

SR/sr
Enclosures

SOUTHWESTERN PUBLIC SERVICE COMPANY
FUEL EFFICIENCY REPORT
Apr-04

Time Period
720 Hrs.

	PLANT	NDC MW	MWH	MMBTU	COST	%CF	HR	\$/MMBTU	\$/MWH	%MIX
COAL:	Harrington	1,066	500,957	5,151,777	\$ 6,686,891	65.26957	10.28	1.298	\$ 13.35	22.24%
	Tolk Station	1,080	648,595	6,341,655	\$ 7,977,497	83.409851	9.78	1.258	\$ 12.30	28.80%
	Prior Period Adjustments:							#DIV/0!		
	1)TOTAL COAL:	2,146	1,149,552	11,493,432	\$ 14,664,389	74.398882	10.00	1.276	\$ 12.76	51.04%
GAS/OIL:	Carlsbad	13	-	-	\$ -	0	#DIV/0!	#DIV/0!	#DIV/0!	0.00%
	Cunningham	487	89,416	975,397	\$ 5,199,058	25.500799	10.91	5.330	\$ 58.14	3.97%
	Jones Station	486	165,771	1,931,747	\$ 9,618,235	47.373971	11.65	4.979	\$ 58.02	7.36%
	Maddox	183	32,177	347,917	\$ 1,872,966	24.420917	10.81	5.383	\$ 58.21	1.43%
	Moore County	48	(41)	-	\$ -	-0.118634	-	#DIV/0!	\$ -	0.00%
	Nichols Station	457	112,621	1,223,858	\$ 6,585,165	34.227146	10.87	5.381	\$ 58.47	5.00%
	Plant X	442	103,046	1,130,128	\$ 5,922,963	32.379965	10.97	5.241	\$ 57.48	4.58%
	Riverview	23	18	-	\$ -	0.1086957	-	#DIV/0!	\$ -	0.00%
	Tucumcari	0	-	-	\$ -	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00%
	Prior Period Adjustments:				\$ -			#DIV/0!		0.00%
	TOTAL GAS/OIL:	2,139	503,008	5,609,047	\$ 29,198,386	32.66116	11.15	5.206	\$ 58.05	22.33%
OTHER	Celanese (note 2 and 3)	39	17,876	95,387	\$ 158,813	63.660969	5.34	1.665	\$ 8.88	0.79%
	TOTAL NET GENERATION	4,324	1,670,436	17,197,866	\$ 44,021,587		10.30	2.560	\$ 26.35	74.16%
	FIRM COGEN		-	0	\$ -	N/A	N/A	N/A	#DIV/0!	0.00%
	NON-FIRM COGEN		-	-	\$ -	N/A	N/A	N/A	#DIV/0!	0.00%
	Prior Period Adjustments:		-	-						
	TOTAL COGEN:	-	-	-	\$ -	N/A	N/A	N/A	#DIV/0!	0.00%
	OTHER FIRM:		487,800		\$ 20,207,549	N/A	N/A	N/A	\$ 41.43	21.66%
	OTHER NON-FIRM:		90,529		\$ 3,250,477	N/A	N/A	N/A	\$ 35.91	4.02%
	Prior Period Adjustments:									
	TOTAL OTHER:		578,329	-	\$ 23,458,026	N/A	N/A	N/A	\$ 40.56	25.68%
	TOTAL PURCHASES: (note 5)		578,329	-	\$ 23,458,026	N/A	N/A	N/A	\$ 40.56	25.68%
	IMPORTS-OTHER		3,822							0.17%
	NET INTERCHANGE		(258)							-0.01%
	NET TRANSMISSION (WHEELING):									0.00%
	SYSTEM TOTAL AT SOURCE:		2,252,329	17,197,866	\$ 67,479,614	N/A	N/A	N/A	\$ 29.96	100.00%
DISPOSITION	Sales to Ultimate Customers		1,237,635							54.95%
OF ENERGY:	Sales for Resale		703,158							31.22%
	Energy Furnished Without Charge									0.00%
	Energy Used by Utility									0.00%
	Electric Dept. Only		1,818							0.08%
	TOTAL @ THE METER: (note 4)		1,942,611							86.25%
	Total Energy Losses		309,718							13.75%
	Percent Losses									
FUEL OIL:	Tucumcari	0	-	-	\$ -	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00%
	Cunningham	0	-	-	\$ -	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00%
(Included in	Plant X	0	-	-	\$ -	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00%
above generati	Jones Station	0	-	-	\$ -	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00%
	Prior Period Adjustments:									
	TOTAL OIL:	0	-	-	\$ 0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00%

* MWH at Source and Disposition as defined for FERC Form No. 1 (p.401)

** Reconcilable Cost as defined by PUCT substantive rules..

NDC MW is the Net Dependable Capacity of the Plant and/or unit specified in Megawatts.

MWH is the Total Net Electrical Generation in Megawatt-hours.

MMBTU is amount of fuel consumed in Million Btu's.

%CF = MWH/(Time Period * MW) * 100%

HR = MMBTU/MWH

\$/MMBTU = COST/MMBTU

\$/MWH = COST/MWH

% MIX = MWH(Source)/MWH(Total at Source) * 100%

Utility's Notes:

1.) Coal Plant Data includes ignitor gas and excludes coal sampling and ash handling expense (income) of (\$88,065.14).

2.) Celanese Unit 1- 10 MW waste gas expander turbine; fuel for listed generation is hot nitrogen.

3.) Celanese Unit 2- 29 MW coal fired topping cycle steam turbine; fuel for listed generation is steam.

4.) Includes change in delivered no billed of (13,477) MWH

5.) Purchased power cost excludes capacity which are not allowable for Texas fuel.