

Control Number: 25382



Item Number: 269

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PUBLIC UTILITY COMMISSION
FILING CLERK

May 28, 2004

# **VIA FEDERAL EXPRESS**

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

RE: 2002 Electric Utilities Fuel Cost and Use Information (i.e., monthly fuel reports, PCRFs, peak demand & consumption reports, etc) Pursuant to Subst. R. § 25.82 – **Project No. 25382** 

Enclosed are revised Southwestern Public Service Company's Fuel Cost Reports for the months January through December 2002. 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

Shemi Rodden

SR/sr Enclosures

## SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS DEFERRED FUEL COST REPORT FOR THE MONTH OF JANUARY 2002

Current System F	uel Factor (¢/kwh):	0.021500	NON	
	ACCOUNT	RECONCILABLE	NON- RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASED	POWER COSTS			
Fuel Cost:		<del></del>		
Fuel	501	\$24,221,726.14		\$24,221,726.14
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	256,755.84		256,755.84
Coal Residual Disposal	50175	(12,183.09)		(12,183.09)
Total Fuel Cost	30.70	\$24,466,298.89	\$0.00	\$24,466,298.89
Nuclear Fuel Cost	518	\$0.00		\$0.00
Other Fuel Cost	547	79,744.92		79,744.92
Purchased Power Cost	555	7,447,526.67		7,447,526.67
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		\$31,993,570.48	\$0.00	\$31,993,570.48
LESS (from Texas Retail Collections detail)	<b>:</b>			
Economy & Emergency Sales	•	\$1,077,109.21		\$1,077,109.21
Celanese Direct Assigned Cost		213,793.45		213,793.45
Interruptible Demand Fee		877,820.00		877,820.00
NET SYSTEM COST		\$29,824,847.82	\$0.00	\$29,824,847.82
NET STOTEM COOT		Ψ20,024,047.02	φο.οσ	Ψ20,024,041.02
Texas Retail Allocator (Texas Cost/Total Sy TEXAS RETAIL FUEL AND PURCHASED	rstem)	0.5573283932533		0.5573283932533
POWER (Including Asarco)		\$16,622,234.51	\$0.00	\$16,622,234.51
		FUEL		
	ACCOUNT	REVENUES	<u>kWh SALES</u>	
TEXAS RETAIL REVENUES & SALES				
Residential	440	\$4,556,411.42	206,997,888	
Commercial & Industrial	442	16,151,517.87	751,625,211	
Asarco	442	252,982.03	14,665,625	
Street & Highway	444	64,215.34	2,913,485	
Public Authorities	445	660,887.36	28,880,829	
TOTAL TEXAS RETAIL (Including Asard	co)	\$21,686,014.02	1,005,083,038	
		OVER(UNDER)		
		RECOVERY	INTEREST	TOTAL
OVER(UNDER) RECOVERY OF FUEL CO	STS	Interest Rate :	4.39%	
Beginning Cumulative Balance		\$4,242,954.07	(\$2,146,756.62)	2,096,197.45
Current Month		5,071,736.94	7,518.48	5,079,255.42
Prior Period Adjustment (1)		5,246.63	307.81	5,554.44
Transfer from Economy & Emerg Sales		0.00	0.00	0.00
Ending Cumulative Balance		\$9,319,937.64	(\$2,138,930.33)	\$7,181,007.31
mirania comonderio comonios		44,5,5,55,101		4.,.0.,0001

<sup>(1)</sup> Prior Surcharge Amounts

## SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT FOR THE MONTH OF JANUARY 2002

	FOR THE I	MONTH OF JANUARY	2002		
NET SYSTEM FUEL COST					****
Total Company Fuel Cost					\$24,546,043.81
Plus: Energy Cost of Purchased Power					7,447,526.67
Plus: Transmission of Electricity by Others	··· Onlan				0.00
Less: Energy Cost of Economy & Emergence	cy Sales				1,077,109.21
Less: Celanese Fuel Cost					213,793.45
Less: Interruptible Demand Fee				•	877,820.00
NET SYSTEM FUEL COST				<u>\$</u>	29,824,847.82
TEVAS DETAIL ALLOCATOR					
TEXAS RETAIL ALLOCATOR Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	Wh @ Source		
			kWh @ Source		
Secondary 03	519,845,295	1.090461 =	566,871,020		
Primary 05	108,677,925 *	1.075571 =	116,890,824		
Sub-Transmission 07 Backbone Transmission 09	128,740,261 *	1.029501 =	132,538,227		
Asarco 11	233,153,932 <b>•</b> 14,665,625 <b>*</b>	1.023659 = 1.023659 =	238,670,121		
Total Texas Retail kWh Sales @ Source	1,005,083,038	1.06457153344	15,012,599		
Total Texas Retail RVVII Sales @ Source	1,000,000,000	1.0045/155544	1,069,982,791		
Total Applicable Company kWh Sales @ Sou	rce				
Total Company kWh	106		1,613,350,000		
Plus: Purchased Power kWh			400,670,484		
Less: Economy & Emergency Sales kWh			65,715,000		
Less: Economy & Emergency Gales kWh Lo	2000		2,562,885		
Less: Celanese kWh	J3363		25,900,000		
Total Applicable Company kWh Sales @ S	Source		1,919,842,599		
TEXAS RETAIL ALLOCATOR	Jource		1,818,042,388		0.5573283932533
TEXAS RETAIL ALLOSATOR					0.007 0200902000
TEXAS RETAIL ACTUAL FUEL COST FACT	OR				
Texas Retail Applicable Fuel Cost	<del></del>			\$	16,622,234,51
Texas Retail kWh Billed				Ψ.	1,005,083,038
TEXAS RETAIL ACTUAL FUEL COST FA	CTOR				0.01653817037
				==	
TEXAS RETAIL (EXCLUDING ASARCO) OV	ER/(UNDER) RECOV	ERY			
TEXAS RETAIL (EXCLUDING ASARCO) OVI		'ERY			\$21.433.031.99
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco		ERY .			\$21,433,031.99
		ERY LOSS	ACTUAL FUEL		\$21,433,031.99
			ACTUAL FUEL COST FACTOR		\$21,433,031.99
Texas Retail Fuel Revenue (Excluding Asarco	kWh BILLED	LOSS MULTIPLIER	COST FACTOR	= <b>\$</b>	
Texas Retail Fuel Revenue (Excluding Asarco	kWh BILLED * *	LOSS MULTIPLIER 1.02431914225 •	0.01653817037		8,806,368.77
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary	kWh BILLED 519,845,295 * 108,677,925 *	LOSS MULTIPLIER 1.02431914225 • 1.01033229446 *	0.01653817037 0.01653817037	=	8,806,368.77 1,815,904.62
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 *	LOSS MULTIPLIER 1.02431914225 •	0.01653817037 0.01653817037 0.01653817037	= =	8,806,368.77 1,815,904.62 2,058,987.79
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission	kWh BILLED 519,845,295 * 108,677,925 *	LOSS MULTIPLIER 1.02431914225 * 1.01033229446 * 0.96705666802 *	0.01653817037 0.01653817037	= =	8,806,368.77 1,815,904.62
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 *	LOSS MULTIPLIER 1.02431914225 * 1.01033229446 * 0.96705666802 *	0.01653817037 0.01653817037 0.01653817037	= =	8,806,368.77 1,815,904.62 2,058,987.79
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 *	LOSS MULTIPLIER 1.02431914225 * 1.01033229446 * 0.96705666802 *	0.01653817037 0.01653817037 0.01653817037	= = =	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413	LOSS MULTIPLIER 1.02431914225 * 1.01033229446 * 0.96705666802 * 0.96156901424 *	0.01653817037 0.01653817037 0.01653817037 0.01653817037	= = =	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413	LOSS MULTIPLIER 1.02431914225 * 1.01033229446 * 0.96705666802 * 0.96156901424 *	0.01653817037 0.01653817037 0.01653817037 0.01653817037	= = = \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90 16,389,013.08
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF	LOSS MULTIPLIER 1.02431914225 * 1.01033229446 * 0.96705666802 * 0.96156901424 *	COST FACTOR  0.01653817037 0.01653817037 0.01653817037 0.01653817037	= = = \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90 16,389,013.08
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF	LOSS MULTIPLIER 1.02431914225 • 1.01033229446 * 0.96705666802 * 0.96156901424 * RCO) CURRENT MON	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	= = = \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90 16,389,013.08
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF	LOSS MULTIPLIER 1.02431914225 • 1.01033229446 * 0.96705666802 * 0.96156901424 * RCO) CURRENT MON COST ADJUSTMENT : LOSS	COST FACTOR  0.01653817037 0.01653817037 0.01653817037 0.01653817037	= = = \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90 16,389,013.08 5,044,018.91
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF	LOSS MULTIPLIER 1.02431914225 • 1.01033229446 * 0.96705666802 * 0.96156901424 * RCO) CURRENT MON	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	= = = \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90 16,389,013.08 5,044,018.91
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF	LOSS MULTIPLIER  1.02431914225 • 1.01033229446 * 0.96705666802 * 0.96156901424 *  RCO) CURRENT MON COST ADJUSTMENT LOSS MULTIPLIER	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	= = = \$ \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90 16,389,013.08 5,044,018.91 \$0.015360
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF	LOSS MULTIPLIER 1.02431914225 • 1.01033229446 * 0.96705666802 * 0.96156901424 * RCO) CURRENT MON COST ADJUSTMENT : LOSS	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	= = = \$ \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90 16,389,013.08 5,044,018.91
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF	LOSS MULTIPLIER  1.02431914225 • 1.01033229446 * 0.96705666802 * 0.96156901424 *  RCO) CURRENT MON COST ADJUSTMENT LOSS MULTIPLIER	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	= = = \$ \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90 16,389,013.08 5,044,018.91 \$0.015360 \$0.015903
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF	LOSS MULTIPLIER  1.02431914225 • 1.01033229446 * 0.96705666802 * 0.96156901424 *  RCO) CURRENT MON COST ADJUSTMENT LOSS MULTIPLIER	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	= = = \$ \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90 16,389,013.08 5,044,018.91 \$0.015360 \$0.015903
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra  Asarco kWh Billed	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF	LOSS MULTIPLIER  1.02431914225 • 1.01033229446 * 0.96705666802 * 0.96156901424 *  RCO) CURRENT MON COST ADJUSTMENT LOSS MULTIPLIER	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	= = = \$ \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90 16,389,013.08 5,044,018.91 \$0.015360 \$0.015903 \$0.015960
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra  Asarco kWh Billed  Asarco Fuel Revenue	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF	LOSS MULTIPLIER  1.02431914225 • 1.01033229446 * 0.96705666802 * 0.96156901424 *  RCO) CURRENT MON COST ADJUSTMENT LOSS MULTIPLIER	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	= = = \$ \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90  16,389,013.08  5,044,018.91  \$0.015360  \$0.015903 \$0.015360  14,665,625 252,982.03
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF  AS ASARCO FUEL Comments of the comments of	LOSS MULTIPLIER  1.02431914225 * 1.01033229446 * 0.96705666802 * 0.96156901424 *  RCO) CURRENT MON COST ADJUSTMENT  LOSS MULTIPLIER  0.96156901424 *	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	\$ \$ \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90  16,389,013.08  5,044,018.91  \$0.015360  \$0.015903 \$0.015360  14,665,625  252,982.03 225,264.00
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra  Asarco kWh Billed  Asarco Fuel Revenue	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF  AS ASARCO FUEL Comments of the comments of	LOSS MULTIPLIER  1.02431914225 * 1.01033229446 * 0.96705666802 * 0.96156901424 *  RCO) CURRENT MON COST ADJUSTMENT  LOSS MULTIPLIER  0.96156901424 *	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	\$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90  16,389,013.08  5,044,018.91  \$0.015360  \$0.015903 \$0.015360  14,665,625 252,982.03
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF F	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF  AS ASARCO FUEL CO	LOSS MULTIPLIER  1.02431914225 * 1.01033229446 * 0.96705666802 * 0.96156901424 *  RCO) CURRENT MON COST ADJUSTMENT  LOSS MULTIPLIER  0.96156901424 *	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	\$ \$ \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90  16,389,013.08  5,044,018.91  \$0.015360  \$0.015903 \$0.015360  14,665,625  252,982.03 225,264.00
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX  System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF F  Texas Retail Fuel Revenue (Including Asarco)	kWh BILLED 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413  T (EXCLUDING ASAF  AS ASARCO FUEL C	LOSS MULTIPLIER  1.02431914225 * 1.01033229446 * 0.96705666802 * 0.96156901424 *  RCO) CURRENT MON COST ADJUSTMENT  LOSS MULTIPLIER  0.96156901424 *	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	\$ \$ \$ \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90  16,389,013.08  5,044,018.91  \$0.015360  \$0.015903 \$0.015360  14,665,625  252,982.03 225,264.00 27,718.03  21,686,014.02
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF F  Texas Retail Fuel Revenue (Including Asarco) Total Texas Retail Actual Fuel Cost (Including	www.billed 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413 T (EXCLUDING ASAF AS ASARCO FUEL CONTINUE CONTI	LOSS MULTIPLIER  1.02431914225 * 1.01033229446 * 0.96705666802 * 0.96156901424 *  RCO) CURRENT MON COST ADJUSTMENT  LOSS MULTIPLIER  0.96156901424 *  T MONTH	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	=	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90  16,389,013.08  5,044,018.91  \$0.015360  \$0.015360  14,665,625 252,982.03 225,264.00 27,718.03  21,686,014.02 16,614,277.08
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX  System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF F  Texas Retail Fuel Revenue (Including Asarco)	www.billed 519,845,295 * 108,677,925 * 128,740,261 * 233,153,932 * 990,417,413 T (EXCLUDING ASAF AS ASARCO FUEL CONTINUE CONTI	LOSS MULTIPLIER  1.02431914225 * 1.01033229446 * 0.96705666802 * 0.96156901424 *  RCO) CURRENT MON COST ADJUSTMENT  LOSS MULTIPLIER  0.96156901424 *  T MONTH	0.01653817037 0.01653817037 0.01653817037 0.01653817037 0.01653817037	\$ \$ \$ \$	8,806,368.77 1,815,904.62 2,058,987.79 3,707,751.90  16,389,013.08  5,044,018.91  \$0.015360  \$0.015903 \$0.015360  14,665,625  252,982.03 225,264.00 27,718.03  21,686,014.02

## SOUTHWESTERN PUBLIC SERVICE COMPANY ECONOMY & EMERGENCY SALES MARGIN CREDIT FUEL COST REPORT FOR THE MONTH OF JANUARY 2002

ECONOMY & EMERGENCY SALES		•		
Economy & Emergency Revenue				\$1,288,029.73
Economy & Emergency Fuel Cost				1,077,109.21
Economy & Emergency Transmission Cost				0.00
Economy & Emergency Other Cost of Sales				0.00
Margin (Revenue - Fuel Cost - Transmission Cos	t - Other Cost of Sa	ales)	-	\$210,920.52
Total Company Net Margin				\$210,920.52
Texas Retail Allocator				0.55732839325
Texas Applicable Margin Credit	_ <u>C</u>		_	\$117,551.99
Total Texas Retail kWh Billed	K			1,005,083,038
Texas Retail Economy & Emergency Sales Margi	n Credit Factor ≃	C/K =		\$0.00011695749
ECONOMY & EMERGENCY SALES		LOSS	MARGIN CREDIT	
MARGIN CREDIT	kWh BILLED	MULTIPLIER	FACTOR	
Secondary	519,845,295	1.02431914225 *	0.00011695749 =	62,278.40
Primary	108,677,925 *	1.01033229446 *	0.00011695749 =	12,842.03
Sub-Transmission	128,740,261	0.96705666802 *	0.00011695749 =	14,561.11
Backbone Transmission	233,153,932 *	0.96156901424 *	0.00011695749 =	26,221.11
Total Texas Retail Economy & Emergency Sal				\$ 115,902.65
	14.665.625 *	0.96156901424 *	0.00011695749 =	\$ 1,649.34
Asarco	14,005,025	0.50150501424	0.00011033743 -	Ψ 1,040.04
TOTAL TEXAS ECONOMY & EMERGENCY SAL	ES MARGIN CRE	DIT (Including Asarco	)	\$ 117,551.99
		MARGIN		
		CREDIT	INTEREST	TOTAL
ECONOMY & EMERGENCY SALES MARGIN CI	REDIT	Interest Rate :	4.39%	
Beginning Cumulative Balance		\$9,616.09	(\$25,606.09)	(\$15,990.00)
Current Month		117,551.99	0.00	117,551.99
Prior Period Adjustment		0.00	0.00	0.00
Transfer to Over/(Under) Recovery		0.00	0.00	0.00
Ending Cumulative Balance	-	\$127,168.08	(\$25,606.09)	\$101,561.99
	=			

#### SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS DEFERRED FUEL COST REPORT FOR THE MONTH OF FEBRUARY 2002

Current System Fuel	Factor (¢/kwh):	0.021500	NON	
	ACCOUNT	RECONCILABLE	NON- RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASED PO	WER COSTS	<del></del>		
Fuel Cost:		_		
Fuel	501	\$23,807,641.33		\$23,807,641.33
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	233,626.56		233,626.56
Coal Residual Disposal	50175	60.02		60.02
Total Fuel Cost		\$24,041,327.91	\$0.00	\$24,041,327.91
Nuclear Fuel Cost	518	\$0.00		\$0.00
Other Fuel Cost	547	341,811.74		341,811.74
Purchased Power Cost	555	3,530,506.20		3,530,506.20
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		\$27,913,645.85	\$0.00	\$27,913,645.85
LESS (from Texas Retail Collections detail):				
Economy & Emergency Sales		\$308,257.52		\$308,257.52
Celanese Direct Assigned Cost		140,029.35		140,029.35
Interruptible Demand Fee		877,820.00		877,820.00
NET SYSTEM COST		\$26,587,538.98	\$0.00	\$26,587,538.98
Texas Retail Allocator (Texas Cost/Total Syster	n)	0.5248521035564		0.5248521035564
POWER (Including Asarco)		\$13,954,525.76	\$0.00	\$13,954,525.76
		FUEL		
	ACCOUNT	REVENUES	kWh SALES	
TEXAS RETAIL REVENUES & SALES	7,0000111	112121020	THE STATE OF THE S	
Residential	440	\$4,093,505.70	185,886,147	
Commercial & Industrial	442	14,260,096.07	668,333,750	
Asarco	442	190,416.87	10,301,156	
Street & Highway	444	64,196.98	2,912,653	
Public Authorities	445	586,788.17	26,644,514	
TOTAL TEXAS RETAIL (Including Asarco)		\$19,195,003.79	894,078,220	
		OVER(UNDER)		
		RECOVERY	INTEREST	TOTAL
OVER(UNDER) RECOVERY OF FUEL COSTS	3	Interest Rate :	4.39%	
Beginning Cumulative Balance		\$9,319,937.64	(\$2,138,930.33)	7,181,007.31
Current Month		5,240,478.03	25,756,30	5,266,234.33
Prior Period Adjustment (1)		1,026.44	25,756.50 61.59	1,088.03
Transfer from Economy & Emerg Sales		0.00	0.00	0.00
Ending Cumulative Balance		\$14,561,442.11	(\$2,113,112.44)	\$12,448,329,67
Ending Camalative Dalation		V13,001, 172.11	(42,110,112.77)	Ψ12,110,020.01

<sup>(1)</sup> Prior Surcharge Amounts

## SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT FOR THE MONTH OF FEBRUARY 2002

	FOR THE M	IONTH OF FEBRUAR	Y 2002		
NET SYSTEM FUEL COST					•• • • • • • • • • • • • • • • • • • • •
Total Company Fuel Cost					\$24,383,139.65
Plus: Energy Cost of Purchased Power					3,530,506.20
Plus: Transmission of Electricity by Other	rs				0.00
Less: Energy Cost of Economy & Emerge	ency Sales				308,257.52
Less: Celanese Fuel Cost					140,029.35
Less: Interruptible Demand Fee					877,820.00
NET SYSTEM FUEL COST				_\$	26,587,538.98
					<del></del>
TEXAS RETAIL ALLOCATOR					
Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source	_	
Secondary 03	464,332,648 *	1.090461 =	506,336,644	•	
Primary 05	94,645,445 *	1.075571 =	101,797,896		
Sub-Transmission 07	115,304,726 *	1.029501 =	118,706,331		
Backbone Transmission 09	209,494,245 *	1.023659 =	214,450,669		
Asarco 11	10,301,156 *	1.023659 🔁	10,544,871		
Total Texas Retail kWh Sales @ Source		1.06460082497	951,836,411	•	
Total Applicable Company kWh Sales @ S	Source				
Total Company kWh			1,558,938,000		
Plus: Purchased Power kWh			300,399,549		
Less: Economy & Emergency Sales kWh	ı		21,152,000		
Less: Economy & Emergency Sales kWh			824,928		
Less: Celanese kWh			23,828,000		
Total Applicable Company kWh Sales (	2) Source	•	1,813,532,621	•	
TEXAS RETAIL ALLOCATOR		•			0.5248521035564
TEXAS RETAIL ACTUAL FUEL COST FA	CTOR			æ	12 054 505 76
Texas Retail Applicable Fuel Cost				\$	13,954,525.76
					894,078,220
Texas Retail kWh Billed	FACTOR				0.04560770060
Texas Retail kWh Billed TEXAS RETAIL ACTUAL FUEL COST	FACTOR			-	0.01560772362
TEXAS RETAIL ACTUAL FUEL COST		/FDV			0.01560772362
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO)	OVER/(UNDER) RECOV	/ERY		=	
TEXAS RETAIL ACTUAL FUEL COST	OVER/(UNDER) RECOV	/ERY		-	0.01560772362 \$19,004,586.92
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO)	OVER/(UNDER) RECOV		ACTUAL FUEL	-	
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO) ( Texas Retail Fuel Revenue (Excluding Asarca))	OVER/(UNDER) RECOV arco)	LOSS	ACTUAL FUEL		
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO) ( Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost	OVER/(UNDER) RECOV arco) kWh BILLED	LOSS MULTIPLIER	COST FACTOR		\$19,004,586.92
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO) ( Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary	OVER/(UNDER) RECOVATCO)  kWh BILLED 464,332,648	LOSS MULTIPLIER 1.02429095904 *	0.01560772362		\$19,004,586.92 7,423,216.49
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO) ( Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary	OVER/(UNDER) RECOV arco) <u>kWh BILLED</u> 464,332,648 94,645,445	LOSS MULTIPLIER 1.02429095904 * 1.01030449608 *	0.01560772362 0.01560772362	= '	\$19,004,586.92 7,423,216.49 1,492,421.75
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO) (Texas Retail Fuel Revenue (Excluding Asarctual Fuel Cost Secondary Primary Sub-Transmission	OVER/(UNDER) RECOV arco) <u>kWh BILLED</u> 464,332,648 *  94,645,445 *  115,304,726 *	LOSS MULTIPLIER 1.02429095904 * 1.01030449608 * 0.96703006033 *	OST FACTOR 0.01560772362 0.01560772362 0.01560772362	=	\$19,004,586.92 7,423,216.49 1,492,421.75 1,740,310.13
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	OVER/(UNDER) RECOV arco) <u>kWh BILLED</u> 464,332,648 94,645,445	LOSS MULTIPLIER 1.02429095904 * 1.01030449608 *	0.01560772362 0.01560772362	=	\$19,004,586.92 7,423,216.49 1,492,421.75
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	OVER/(UNDER) RECOV arco)  kWh BILLED  464,332,648 * 94,645,445 * 115,304,726 * 209,494,245 *	LOSS MULTIPLIER 1.02429095904 * 1.01030449608 * 0.96703006033 *	OST FACTOR 0.01560772362 0.01560772362 0.01560772362	= = = = = = = = = = = = = = = = = = = =	\$19,004,586.92 7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO) ( Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	OVER/(UNDER) RECOV arco) <u>kWh BILLED</u> 464,332,648 *  94,645,445 *  115,304,726 *	LOSS MULTIPLIER 1.02429095904 * 1.01030449608 * 0.96703006033 *	OST FACTOR 0.01560772362 0.01560772362 0.01560772362	=	\$19,004,586.92 7,423,216.49 1,492,421.75 1,740,310.13
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO) ( Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	OVER/(UNDER) RECOV arco)  kWh BILLED  464,332,648 * 94,645,445 * 115,304,726 * 209,494,245 *  883,777,064	LOSS MULTIPLIER 1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *	COST FACTOR 0.01560772362 0.01560772362 0.01560772362 0.01560772362	= = = = = = = = = = = = = = = = = = = =	\$19,004,586.92 7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C	OVER/(UNDER) RECOVATCO)    KWh BILLED	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *	COST FACTOR  0.01560772362 0.01560772362 0.01560772362 0.01560772362	= = = = = = = = = = = = = = = = = = = =	\$19,004,586.92 7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89 13,799,931.26
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C	OVER/(UNDER) RECOV arco)  kWh BILLED  464,332,648 * 94,645,445 * 115,304,726 * 209,494,245 *  883,777,064	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *	COST FACTOR  0.01560772362 0.01560772362 0.01560772362 0.01560772362	= = = = = = = = = = = = = = = = = = = =	\$19,004,586.92 7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89 13,799,931.26 5,204,655.66
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C	OVER/(UNDER) RECOVATCO)    KWh BILLED	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON	COST FACTOR  0.01560772362 0.01560772362 0.01560772362 0.01560772362	= = = = = = = = = = = = = = = = = = = =	\$19,004,586.92 7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89 13,799,931.26
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C	OVER/(UNDER) RECOVATCO)    KWh BILLED	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT (	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL	= = = = = = = = = = = = = = = = = = = =	\$19,004,586.92 7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89 13,799,931.26 5,204,655.66
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C	OVER/(UNDER) RECOVATCO)    KWh BILLED	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT : LOSS MULTIPLIER	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL COST FACTOR	= = = = \$ \$	\$19,004,586.92 7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89 13,799,931.26 5,204,655.66
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C	NOVER/(UNDER) RECOVATCO)    KWh BILLED	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT (	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL	= = = = \$ \$	\$19,004,586.92  7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89  13,799,931.26  5,204,655.66  \$0.016380  \$0.015007
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C  System Coal Cost	OVER/(UNDER) RECOVATCO)    kWh BILLED	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT : LOSS MULTIPLIER	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL COST FACTOR	= = = = \$ \$	\$19,004,586.92  7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89  13,799,931.26  5,204,655.66  \$0.016380
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO) ( Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C  Tysystem Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas	OVER/(UNDER) RECOVATCO)    kWh BILLED	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT : LOSS MULTIPLIER	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL COST FACTOR	= = = = \$ \$	\$19,004,586.92  7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89  13,799,931.26  5,204,655.66  \$0.016380  \$0.015007 \$0.015007
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO) ( Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C  System Coal Cost  Texas Retail Backbone Transmission Rate	OVER/(UNDER) RECOVATCO)    kWh BILLED	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT : LOSS MULTIPLIER	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL COST FACTOR	= = = = \$ \$	\$19,004,586.92  7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89  13,799,931.26  5,204,655.66  \$0.016380  \$0.015007
TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C  System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas  Asarco kWh Billed	OVER/(UNDER) RECOVATCO)    kWh BILLED	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT : LOSS MULTIPLIER	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL COST FACTOR	= = = = \$ \$	\$19,004,586.92  7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89  13,799,931.26  5,204,655.66  \$0.016380  \$0.015007 \$0.015007 10,301,156
TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C  System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas  Asarco kWh Billed  Asarco Fuel Revenue	OVER/(UNDER) RECOVATCO)    kWh BILLED	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT : LOSS MULTIPLIER	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL COST FACTOR	= = = = \$ \$	\$19,004,586.92  7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89  13,799,931.26  5,204,655.66  \$0.016380  \$0.015007 \$0.015007 10,301,156 190,416.87
TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C  Tysystem Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	Wh BILLED   464,332,648 * 94,645,445 * 115,304,726 * 209,494,245 * 883,777,064   OST (EXCLUDING ASAITEXAS ASARCO FUEL COMMENT   COMMEN	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT : LOSS MULTIPLIER  0.96154255754 *	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL COST FACTOR	= = = = \$ \$ \$	\$19,004,586.92  7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89  13,799,931.26  5,204,655.66  \$0.015007 \$0.015007 10,301,156 190,416.87 154,594.50
TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C  System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas  Asarco kWh Billed  Asarco Fuel Revenue	Wh BILLED   464,332,648 * 94,645,445 * 115,304,726 * 209,494,245 * 883,777,064   OST (EXCLUDING ASAITEXAS ASARCO FUEL COMMENT   COMMEN	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT : LOSS MULTIPLIER  0.96154255754 *	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL COST FACTOR	= = = = \$ \$	\$19,004,586.92  7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89  13,799,931.26  5,204,655.66  \$0.016380  \$0.015007 \$0.015007 10,301,156 190,416.87
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO) Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C  Tysystem Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY O	Note	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT : LOSS MULTIPLIER  0.96154255754 *	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL COST FACTOR	= = = = = = = = = = = = = = = = = = =	\$19,004,586.92  7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89  13,799,931.26  5,204,655.66  \$0.015007 \$0.015007 10,301,156 190,416.87 154,594.50 35,822.37
TEXAS RETAIL (EXCLUDING ASARCO) Texas Retail Fuel Revenue (Excluding Asa Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C  Tysystem Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF Texas Retail Fuel Revenue (Including Asar	No.   No.	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT : LOSS MULTIPLIER  0.96154255754 *	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL COST FACTOR	### ### ### #### #####################	\$19,004,586.92  7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89  13,799,931.26  5,204,655.66  \$0.016380  \$0.015007 \$0.015007 10,301,156 190,416.87 154,594.50 35,822.37
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO)  Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C  Total Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY O  Texas Retail Fuel Revenue (Including Asar Total Texas Retail Actual Fuel Cost (Including Asar Total Texas Retail Actual Fuel Cost (Including Asar Total Texas Retail Actual Fuel Cost (Including Asar	Note	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT: LOSS MULTIPLIER  0.96154255754 *	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL COST FACTOR		\$19,004,586.92  7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89  13,799,931.26  5,204,655.66  \$0.016380  \$0.015007 \$0.015007 10,301,156 190,416.87 154,594.50 35,822.37  19,195,003.79 13,954,525.76
TEXAS RETAIL ACTUAL FUEL COST  TEXAS RETAIL (EXCLUDING ASARCO) Texas Retail Fuel Revenue (Excluding Asa  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL C  Tysystem Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY O  Texas Retail Fuel Revenue (Including Asar	Note	LOSS MULTIPLIER  1.02429095904 * 1.01030449608 * 0.96703006033 * 0.96154255754 *  RCO) CURRENT MON COST ADJUSTMENT: LOSS MULTIPLIER  0.96154255754 *	0.01560772362 0.01560772362 0.01560772362 0.01560772362 0.01560772362 ITH #11 ACTUAL FUEL COST FACTOR	### ### ### #### #####################	\$19,004,586.92  7,423,216.49 1,492,421.75 1,740,310.13 3,143,982.89  13,799,931.26  5,204,655.66  \$0.016380  \$0.015007 \$0.015007 10,301,156 190,416.87 154,594.50 35,822.37

## SOUTHWESTERN PUBLIC SERVICE COMPANY ECONOMY & EMERGENCY SALES MARGIN CREDIT FUEL COST REPORT FOR THE MONTH OF FEBRUARY 2002

ECONOMY & EMERGENCY SALES				
Economy & Emergency Revenue		•		\$315,180.95
Economy & Emergency Fuel Cost				308,257.52
Economy & Emergency Transmission Cost				0.00
Economy & Emergency Other Cost of Sales				0.00
Margin (Revenue - Fuel Cost - Transmission		ales)	=	\$6,923.43
Total Company Net Margin				\$6,923.43
Texas Retail Allocator				0.52485210356
Texas Applicable Margin Credit	_C_			\$3,633.78
Total Texas Retail kWh Billed	к			894,078,220
Texas Retail Economy & Emergency Sales	Margin Credit Factor =	C/K =		\$0.00000406428
ECONOMY & EMERGENCY SALES		LOSS	MARGIN CREDIT	
MARGIN CREDIT	kWh BILLED	MULTIPLIER	FACTOR	
Secondary	464,332,648 *	1.02429095904 •	0.00000406428 =	1,933.02
Primary	94,645,445 *	1.01030449608 *	0.00000406428 =	388.63
Sub-Transmission	115,304,726 *	0.96703006033 *	0.00000406428 =	453.18
Backbone Transmission	209,494,245 *	0.96154255754 *	0.00000406428 =	818.69
Total Texas Retail Economy & Emergene	cy Sales Margin Credit (I	Excluding Asarco)	=	\$ 3,593.52
Asarco	10,301,156 *	0.96154255754 *	0.00000406428 =	\$ 40.26
TOTAL TEXAS ECONOMY & EMERGENC	Y SALES MARGIN CRE	DIT (Including Asarco	)	\$ 3,633.78
		MARGIN		
		CREDIT	INTEREST	TOTAL
ECONOMY & EMERGENCY SALES MARG	SIN CREDIT	Interest Rate :	4.39%	101712
	<u> </u>			
Beginning Cumulative Balance		\$127,168.08	(\$25,606.09)	\$101,561.99
Current Month		3,633.78	395.88	4,029.66
Prior Period Adjustment		0.00	0.00	0.00
Transfer to Over/(Under) Recovery	_	0.00	0.00	0.00
Ending Cumulative Balance	<u>-</u>	\$130,801.86	(\$25,210.21)	\$105,591.65

## SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS DEFERRED FUEL COST REPORT FOR THE MONTH OF MARCH 2002

Current System Fuel	Factor (¢/kwh):	0.021500	NON	
	ACCOUNT_	RECONCILABLE	NON- RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASED PO	OWER COSTS			
Fuel Cost:				
Fuel	501	\$28,277,891.83		\$28,277,891.83
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	304,432.00		304,432.00
Coal Residual Disposal	50175	(20,686.75)		(20,686.75)
Total Fuel Cost		\$28,561,637.08	\$0.00	\$28,561,637.08
Nuclear Fuel Cost	518	\$0.00		\$0.00
Other Fuel Cost	547	272,814.15		272,814.15
Purchased Power Cost	555	9,815,019.56		9,815,019.56
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		\$38,649,470.79	\$0.00	\$38,649,470.79
LESS (from Texas Retail Collections detail):				
Economy & Emergency Sales Cost		\$546,450.11		\$546,450.11
Celanese Direct Assigned Cost		176,050.24		176,050.24
Interruptible Demand Fee		877,820.00		877,820.00
NET SYSTEM COST		\$37,049,150.44	\$0.00	\$37,049,150.44
Texas Retail Allocator (Texas Cost/Total Syste	em)	0.4670172996770		0.4670172996770
POWER (Including Asarco)		\$17,302,594.19	\$0.00	\$17,302,594.19
		FUEL		
	ACCOUNT	REVENUES	kWh SALES	
TEVAC DETAIL DEVENUES 9 SALES	ACCOUNT	TEVENOLO	KVII OALLO	
TEXAS RETAIL REVENUES & SALES Residential	440	\$4,036,627.61	183,344,259	
Commercial & Industrial	442	14.728.601.85	690,175,477	
Asarco	442	151,725.20	9,885,022	
Street & Highway	444	64,755.77	2,938,093	
Public Authorities	445	606,910.32	27,566,066	
TOTAL TEXAS RETAIL (Including Asarco)	770	\$19,588,620.75	913,908,917	
,				
		OVER(UNDER)		
		RECOVERY	INTEREST	TOTAL
OVER(UNDER) RECOVERY OF FUEL COST	s	Interest Rate:	4.39%	
Beginning Cumulative Balance		\$14,561,442.11	(\$2,113,112.44)	12,448,329.67
Current Month		2,309,422.54	44,648.74	2,354,071.28
Prior Period Adjustment (1)		154.00	13.44	167.44
Transfer from Economy & Emerg Sales		0.00	0.00	0.00
Ending Cumulative Balance		\$16,871,018.65	(\$2,068,450.26)	\$14,802,568.39
			·	

# SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT FOR THE MONTH OF MARCH 2002

NET SYSTEM FUEL COST   128	Total Company Fuel Cost Plus: Energy Cost of Purchased Power					
Puis: Energy Cost of Purchased Power   9,816,019,050     Less: Ehergy Cost of Economy & Emergency Sales   544,640,11     Less: Calense Fue Cost   716,050,014     Less: Calense Fue Cost   717,020,000     Less: Ehergy Cost of Economy & Emergency Sales   117,000,000     Less: Calense Fue Cost   717,000,000     Less: Economy 8 Fue Genomy 9   91,919,23   1,009461   513,183,011     Primary 05   99,391,923   1,075571   106,903,070     Sub-Transmission 07   118,430,318   1,029569   1,021,18,92     Total Applicable Company kWh Sales @ Source   913,300,917   1,0644609476060   977,820,352     Total Applicable Company kWh Sales @ Source   913,300,917   1,0644609476060   977,820,352     Total Applicable Company kWh Sales @ Source   1,576,906,000     Less: Economy & Emergency Sales kWh Losse   9,285,002   9,285,002   9,285,000     Less: Economy & Emergency Sales kWh Losse   9,285,000   9,285,000   9,285,000     Less: Economy & Emergency Sales kWh Losse   9,285,000   9,285,000   9,285,000   9,285,000     Less: Economy & Emergency Sales kWh Losse   9,285,000   9,2	Plus: Energy Cost of Purchased Power					COO 004 454 00
Pius: Transmission of Electricity by Others   549,450.11     Less: Celainese Fuel Cost   549,450.11     Less: Celainese Fuel Cost   176,060.20     NET SYSTEM FUEL COST   277,020.00     NET SYSTEM FUEL COST   277,020.00	Plus: Energy Cost of Purchased Power Plus: Transmission of Electricity by Others					
Eless: Elenergy Cost of Economy & Emergency Sales   544,84,014     Less: Interruptible Denand Fee   177,800,000     Eless: Interruptible Denand Fee   177,800,000     Eless: Elenergy Will COST   177,800,000     Eless: Elenergy Will Will Sales @ Source   470,611,064   1,090,461   513,183,011     Elenergy Will Will Will Will Will Will Will Wil	Plus: Transmission of Electricity by Others					
170,000,000   170,000,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   170,000,000   1						
S77,820.00   S77		cy Sales				•
NET SYSTEM FUEL COST						•
Texas Retail ALLOCATOR	Less: Interruptible Demand Fee					
Total Texas Retail KMN Sales @ Source   KMN BILLED   CIOS FACTOR   Secondary 03   99,391.923   1.075571   106,903.070   106,903.070   121,924,131   121,92	NET SYSTEM FUEL COST				\$	37,049,150.44
	TEVAS DETAIL ALL COATOD					
Secondary 03		- WARILED	LOSS FACTOR	kWh @ Source		
Primary OS   99,391,923   1.075571   106,990,3070   121,924,131   121						
Sub-Transmission 07						
Backbone Transmission 09		· ·				
Name		· · ·		· · ·		
Total Applicable Company kWh Sales @ Source				• •		
Total Applicable Company kWh Sales @ Source Total Company kWh Plus: Purchased Power kWh Less: Economy & Emergency Sales kWh Less: Economy & Emergency Sales kWh Less: Economy & Emergency Sales kWh Losses Less: Celanese kWh Total Applicable Company kWh Sales @ Source TEXAS RETAIL ACTUAL FUEL COST FACTOR  TEXAS RETAIL (EXCLUDING ASARCO) OVER/(UNDER) RECOVERY TEXAS RETAIL (EXCLUDING ASARCO) OVER/(UNDER) RECOVERY Texas Retail Fuel Revenue (Excluding Asarco)  Actual Fuel Cost Secondary  470.611.064  470.611.064  Backbone Transmission 118.430.318  Backbone Transmissi						
Total Company kWh   Plus: Purchased Power kWh   25,028,000   25,028,000   25,028,000   276,032   25,928,000   276,032   25,928,000   276,032   25,928,000   276,032   25,928,000   276,032   25,928,000   276,032   25,928,000   276,032   25,928,000   276,032   25,928,000   276,032   276,032,049,927   276,032   276,032,049,927   276,032   276,032,049,927   276,032   276,032,049,927   276,032   276,032,049,927   276,032   276,032,049,927   276,032   276,032,049,927   276,032,049	lotal Lexas Retail KVVn Sales @ Source	913,906,917	1.0044609476060	912,020,332		
Total Company kWh	Total Applicable Company kWh Sales @ Sou	rce				
Plus: Purchased Power kWh				1,576,906,000		
Less: Economy & Emergency Sales kWh Losses   25,028,000   Less: Ceonomy & Emergency Sales kWh Losses   976,092   Less: Celanese kWn   70tal Applicable Company kWh Sales @ Source   25,928,000   Total Applicable Company kWh Sales @ Source   70tal Applicable Fuel Cost   70tal Applicable Fuel Cost				558,076,019		
Less: Colanomy & Emergency Sales kWh Losses Less: Colanomy kWh Sales @ Source TEXAS RETAIL ALLOCATOR  TEXAS RETAIL ALLOCATOR  Texas Retail Applicable Fuel Cost Texas Retail Aduption for the same of				25,028,000		
	Less: Economy & Emergency Sales kWh L	osses				
Total Applicable Company kWh Sales @ Source TEXAS RETAIL ALCCATOR						
TEXAS RETAIL ACTUAL FUEL COST FACTOR		Source	,			
TEXAS RETAIL ACTUAL FUEL COST FACTOR   \$ 17,302,594,19   17,402,695,19   17,403,695,59   17,403,695,69   17,						0.4670172996770
Texas Retail Applicable Fuel Cost   \$17,302,594.19   913,908,917   72438 Retail kVh Billed   913,908,917   72438 RETAIL (EXCLUDING ASARCO) OVER/(UNDER) RECOVERY   \$19,436,895.55   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL COST FACTOR   \$19,436,895.55   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL COST FACTOR   \$1,201,379.26   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL COST FACTOR   \$1,201,379.26   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL COST FACTOR   \$1,701,379.26   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL COST FACTOR   \$1,701,379.26   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL COST FACTOR   \$1,701,379.26   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL COST FACTOR   \$1,701,379.26   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL COST FACTOR   \$1,701,379.26   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL COST FACTOR   \$2,314,276.09   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL COST FACTOR   \$2,314,276.09   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL COST FACTOR   \$2,0015840   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL COST FACTOR   \$2,0015840   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL FURL COST FACTOR   \$2,0015840   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL FURL COST FACTOR   \$2,0015840   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL FURL COST FACTOR   \$2,0015840   72438 RETAIL (EXCLUDING ASARCO) CURRENT FURL FURL FURL FURL FURL FURL FURL FURL						
Para		OR			•	47.000.504.40
TEXAS RETAIL ACTUAL FUEL COST FACTOR         0.0189325149060           TEXAS RETAIL (EXCLUDING ASARCO) OVER/(UNDER) RECOVERY           Texas Retail Fuel Revenue (Excluding Asarco)         LOSS MULTIPILER         ACTUAL FUEL COST FACTOR           Actual Fuel Cost         kWh BILLED 476,11,064 * 1,02842555759985 * 0.0189325149060 = \$ 9,127,479.06           Primary         99,391,923 * 1,0104372567308 * 0.0189325149060 = \$ 9,127,479.06           Primary         99,391,923 * 1,0104372567308 * 0.0189325149060 = \$ 1,901,379.26           Sub-Transmission         118,430,318 * 0.9671571344350 * 0.0189325149060 = \$ 1,901,379.26           Backbone Transmission         215,590,590 * 0.9616689105486 * 0.0189325149060 = \$ 3,925,217.12           TOTAI Texas Retail Actual Fuel Cost         (EXCLUDING ASARCO) CURRENT MONTH         \$ 17,122,619.46           OVER (UNDER) RECOVERY OF FUEL COST (EXCLUDING ASARCO) CURRENT MONTH         \$ \$ 17,122,619.46           System Coal Cost         LOSS MULTIPLIER         ACTUAL FUEL COST FACTOR         \$ 0.015840           Texas Retail Backbone Transmission Rate         D.9616689105486 * 0.0189325149060 = \$ 0.018207         \$ 0.018207           Texas Retail Backbone Transmission Rate         D.9616689105486 * 0.018932					\$	
TEXAS RETAIL (EXCLUDING ASARCO) OVER/(UNDER) RECOVERY           Texas Retail Fuel Revenue (Excluding Asarco)         \$19,436,895.55           Actual Fuel Cost         kWh BILLED         MULTIPLIER         COST FACTOR         \$9,127,479.06           Secondary         470,611,064         1.0244255575985         0.0189325149060         \$9,127,479.06           Primary         99,391,923         1.0104372567306         0.0189325149060         \$1,901,379.26           Sub-Transmission         118,430,318         0.9671571344350         0.0189325149060         \$1,901,379.26           Backbone Transmission         215,590,590         0.9616689105486         0.0189325149060         \$3,925,217.12           Total Texas Retail Actual Fuel Cost (Excluding Asarco)         904,023,895         \$17,122,619.46           OVER (UNDER) RECOVERY OF FUEL COST (EXCLUDING ASARCO) CURRENT MONTH         \$2,314,276.09           TEXAS ASARCO FUEL COST ADJUSTMENT #11           System Coal Cost           Texas Retail Backbone Transmission Rate         LOSS MULTIPLIER         ACTUAL FUEL COST FACTOR         \$0.018207           The Lesser of System Coal Cost or Texas Transmission Rate         0.9616689105486         0.0189325149060         \$0.018207           Asarco Fuel Revenue         \$9,885,022						
Name	TEXAS RETAIL ACTUAL FUEL COST FA	CTOR				0.0189325149060
Name	TEVAS BETAIL (EVOLUBING ASABOO) O	ED// INDED/ DECO	VEDV			
Actual Fuel Cost			VEIXI			\$19 436 895 55
Actual Fuel Cost   AVH BILLED   MULTIPLIER   COST FACTOR     Secondary   470,611,064 * 1.0244255575985 * 0.0189325149060 = \$ 9,127,479.06     Primary   99,391,923 * 1.0104372567306 * 0.0189325149060 = 1,901,792.68     Sub-Transmission   118,430,318 * 0.9671571344350 * 0.0189325149060 = 2,168,544.02     Backbone Transmission   215,590,590 * 0.9616689105486 * 0.0189325149060 = 3,925,217.12     Total Texas Retail Actual Fuel Cost   (Excluding Asarco)   904,023,895	lexas Retail Fuel Revenue (Excluding Asarc	0)				Ψ10,100,000.00
Secondary         470,611,064         1.0244255575985         0.0189325149060         \$ 9,127,479.06           Primary         99,391,923         1.0104372567306         0.0189325149060         1,901,379.26           Sub-Transmission         118,430,318         0.9671571344350         0.0189325149060         2,168,544.02           Backbone Transmission         215,590,590         0.9616689105486         0.0189325149060         3,925,217.12           Total Texas Retail Actual Fuel Cost           (Excluding Asarco)         904,023,895         \$ 17,122,619.46           OVER (UNDER) RECOVERY OF FUEL COST (EXCLUDING ASARCO) CURRENT MONTH         \$ 2,314,276.09           TEXAS ASARCO FUEL COST ADJUSTMENT #11           System Coal Cost         LOSS MULTIPLIER         ACTUAL FUEL COST FACTOR           Texas Retail Backbone Transmission Rate         0.9616689105486         0.0189325149060         \$ \$0.018207           The Lesser of System Coal Cost or Texas Transmission Rate         0.9616689105486         0.0189325149060         \$ \$0.018207           Asarco kWh Billed         9,885,022           Asarco Fuel Revenue         \$ 151,725.20           Asarco Fuel Revenue         \$ 156,578.75 <td></td> <td></td> <td>LOSS</td> <td>ACTUAL FUEL</td> <td></td> <td></td>			LOSS	ACTUAL FUEL		
Secondary Primary         470,611,064 ° 1.0244255575985 ° 0.0189325149060 □ 1,901,379.26 ° Sub-Transmission         99,391,923 ° 1.0104372567306 ° 0.0189325149060 □ 1,901,379.26 ° Sub-Transmission         118,430,318 ° 0.9671571344350 ° 0.0189325149060 □ 2,168,544.02 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.015840 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.015840 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.015840 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.015840 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.015840 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.015840 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.015840 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.015840 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.9616689105486 ° 0.0189325149060 □ 3,925,217.12 ° 0.961			2000	11010111011		
Primary         99,391,923 * 1.0104372567306 * 0.0189325149060 ■ 2,168,544.02         1,901,379.26           Sub-Transmission         118,430,318 * 0.9671571344350 * 0.0189325149060 ■ 2,168,544.02         2,168,544.02           Backbone Transmission         215,590,590 * 0.9616689105486 * 0.0189325149060 ■ 3,925,217.12         3,925,217.12           Total Texas Retail Actual Fuel Cost (Excluding Asarco)         904,023,895         \$ 17,122,619.46           OVER (UNDER) RECOVERY OF FUEL COST (EXCLUDING ASARCO) CURRENT MONTH         \$ 2,314,276.09           TEXAS ASARCO FUEL COST ADJUSTMENT #11           System Coal Cost         LOSS ACTUAL FUEL COST FACTOR           Texas Retail Backbone Transmission Rate         N.0.015840           Asarco KWh Billed         9,885,022           Asarco Fuel Revenue         \$ 151,725.20           Asarco Fuel Revenue         \$ 151,725.20           Asarco Actual Fuel Cost         (Including Asarco)         \$ 19,588,620.75           Total Texas Retail Actual Fuel Cost (Including Asarco)         \$ 19,588,620.75           Total Texas Retail Actual Fuel Cost (Including Asarco)         \$ 17,279,198.21	Actual Fuel Cost	kWh BILLED				
Sub-Transmission         118,430,318 * 0.9671571344350 * 0.0189325149060 = 2,168,544.02           Backbone Transmission         215,590,590 * 0.9616689105486 * 0.0189325149060 = 3,925,217.12           Total Texas Retail Actual Fuel Cost (Excluding Asarco)         904,023,895         \$ 17,122,619.46           COVER (UNDER) RECOVERY OF FUEL COST (EXCLUDING ASARCO) CURRENT MONTH         \$ 2,314,276.09           TEXAS ASARCO FUEL COST ADJUSTMENT #11           System Coal Cost         LOSS MULTIPLIER         ACTUAL FUEL COST FACTOR           Texas Retail Backbone Transmission Rate         0.9616689105486 * 0.0189325149060 = \$0.018207           The Lesser of System Coal Cost or Texas Transmission Rate         9,885,022           Asarco kWh Billed         9,885,022           Asarco Fuel Revenue         \$ 151,725.20           Asarco Fuel Revenue         \$ 151,725.20           Asarco OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH         \$ (4,853.55)           Texas Retail Fuel Revenue (Including Asarco)         \$ 19,588,620.75           Total Texas Retail Actual Fuel Cost (Including Asarco)         \$ 17,279,198.21			MULTIPLIER	COST FACTOR	= \$	9.127.479.06
Backbone Transmission         215,590,590 * 0.9616689105486 * 0.0189325149060 = 3,925,217.12           Total Texas Retail Actual Fuel Cost (Excluding Asarco)         904,023,895         \$ 17,122,619.46           OVER (UNDER) RECOVERY OF FUEL COST (EXCLUDING ASARCO) CURRENT MONTH         \$ 2,314,276.09           TEXAS ASARCO FUEL COST ADJUSTMENT #11           System Coal Cost         LOSS MULTIPLIER         ACTUAL FUEL COST FACTOR           Texas Retail Backbone Transmission Rate         0.9616689105486 * 0.0189325149060 = \$0.018207           The Lesser of System Coal Cost or Texas Transmission Rate         \$ 0.0189325149060 = \$0.018207           Asarco kWh Billed         9,885,022           Asarco Fuel Revenue         \$ 151,725.20           Asarco Actual Fuel Cost         \$ 156,578.75           ASARCO OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH         \$ 19,588,620.75           Total Texas Retail Actual Fuel Cost (Including Asarco)         \$ 19,588,620.75           Total Texas Retail Actual Fuel Cost (Including Asarco)         \$ 17,279,198.21	Secondary	470,611,064	MULTIPLIER 1.0244255575985 *	0.0189325149060		· · ·
Total Texas Retail Actual Fuel Cost (Excluding Asarco)         904,023,895         \$ 17,122,619.46           OVER (UNDER) RECOVERY OF FUEL COST (EXCLUDING ASARCO) CURRENT MONTH         \$ 2,314,276.09           TEXAS ASARCO FUEL COST ADJUSTMENT #11           System Coal Cost         LOSS ACTUAL FUEL COST FACTOR         \$0.015840           MULTIPLIER COST FACTOR         \$ 0.018207           Texas Retail Backbone Transmission Rate         0.9616689105486 * 0.0189325149060 = \$0.018207           The Lesser of System Coal Cost or Texas Transmission Rate         \$ 0.0189325149060 = \$0.018207           Asarco kWh Billed         9,885,022           Asarco Fuel Revenue         \$ 151,725.20           Asarco Fuel Revenue         \$ 156,578.75           ASARCO OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH         \$ 19,588,620.75           Total Texas Retail Fuel Revenue (Including Asarco)         \$ 19,588,620.75           Total Texas Retail Actual Fuel Cost (Including Asarco)         \$ 17,279,198.21	Secondary Primary	470,611,064 • 99,391,923 *	MULTIPLIER 1.0244255575985 * 1.0104372567306 *	0.0189325149060 0.0189325149060	=	1,901,379.26
Excluding Asarco  904,023,895   17,122,619.46	Secondary Primary Sub-Transmission	470,611,064 • 99,391,923 * 118,430,318 *	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 *	COST FACTOR 0.0189325149060 0.0189325149060 0.0189325149060	-	1,901,379.26 2,168,544.02
System Coal Cost   LOSS	Secondary Primary Sub-Transmission Backbone Transmission	470,611,064 • 99,391,923 * 118,430,318 *	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 *	COST FACTOR 0.0189325149060 0.0189325149060 0.0189325149060	-	1,901,379.26 2,168,544.02
System Coal Cost   LOSS	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	470,611,064 • 99,391,923 * 118,430,318 * 215,590,590 *	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 *	COST FACTOR 0.0189325149060 0.0189325149060 0.0189325149060	=	1,901,379.26 2,168,544.02 3,925,217.12
System Coal Cost	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)	470,611,064 • 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060	= = \$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46
System Coal Cost	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)	470,611,064 • 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060	= = \$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46
LOSS   MULTIPLIER   COST FACTOR	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	470,611,064 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060 0.0189325149060	= = \$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46
MULTIPLIER         COST FACTOR           Texas Retail Backbone Transmission Rate         0.9616689105486 * 0.0189325149060 = \$0.018207           The Lesser of System Coal Cost or Texas Transmission Rate         \$0.0189325149060 = \$0.015840           Asarco kWh Billed         9,885,022           Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH         \$ 151,725.20           ASARCO OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH         \$ (4,853.55)           Texas Retail Fuel Revenue (Including Asarco)         \$ 19,588,620.75           Total Texas Retail Actual Fuel Cost (Including Asarco)         \$ 17,279,198.21	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	470,611,064 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060 0.0189325149060	= = \$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46 2,314,276.09
Texas Retail Backbone Transmission Rate         0.9616689105486 * 0.0189325149060 = \$0.018207           The Lesser of System Coal Cost or Texas Transmission Rate         \$0.0189325149060 = \$0.018207           Asarco kWh Billed         9,885,022           Asarco Fuel Revenue         \$ 151,725.20           Asarco Actual Fuel Cost         156,578.75           ASARCO OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH         \$ (4,853.55)           Texas Retail Fuel Revenue (Including Asarco)         \$ 19,588,620.75           Total Texas Retail Actual Fuel Cost (Including Asarco)         \$ 17,279,198.21	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	470,611,064 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060 0.0189325149060  NTH #11	= = \$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46 2,314,276.09
The Lesser of System Coal Cost or Texas Transmission Rate         \$0.015840           Asarco kWh Billed         9,885,022           Asarco Fuel Revenue         \$ 151,725.20           Asarco Actual Fuel Cost         156,578.75           ASARCO OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH         \$ (4,853.55)           Texas Retail Fuel Revenue (Including Asarco)         \$ 19,588,620.75           Total Texas Retail Actual Fuel Cost (Including Asarco)         \$ 17,279,198.21	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	470,611,064 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON  COST ADJUSTMENT LOSS	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060  NTH  #11  ACTUAL FUEL	= = \$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46 2,314,276.09
Asarco kWh Billed 9,885,022  Asarco Fuel Revenue \$ 151,725.20  Asarco Actual Fuel Cost 156,578.75  ASARCO OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH \$ (4,853.55)  Texas Retail Fuel Revenue (Including Asarco) \$ 19,588,620.75  Total Texas Retail Actual Fuel Cost (Including Asarco) \$ 17,279,198.21	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX	470,611,064 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060  NTH  #11  ACTUAL FUEL COST FACTOR	\$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46 2,314,276.09 \$0.015840
Asarco Fuel Revenue       \$ 151,725.20         Asarco Actual Fuel Cost       156,578.75         ASARCO OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH       \$ (4,853.55)         Texas Retail Fuel Revenue (Including Asarco)       \$ 19,588,620.75         Total Texas Retail Actual Fuel Cost (Including Asarco)       \$ 17,279,198.21	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX System Coal Cost  Texas Retail Backbone Transmission Rate	470,611,064 • 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895  ST (EXCLUDING ASA	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060  NTH  #11  ACTUAL FUEL COST FACTOR	\$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46 2,314,276.09 \$0.015840 \$0.018207
Asarco Fuel Revenue       \$ 151,725.20         Asarco Actual Fuel Cost       156,578.75         ASARCO OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH       \$ (4,853.55)         Texas Retail Fuel Revenue (Including Asarco)       \$ 19,588,620.75         Total Texas Retail Actual Fuel Cost (Including Asarco)       \$ 17,279,198.21	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX System Coal Cost  Texas Retail Backbone Transmission Rate	470,611,064 • 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895  ST (EXCLUDING ASA	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060  NTH  #11  ACTUAL FUEL COST FACTOR	\$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46 2,314,276.09 \$0.015840 \$0.018207
Asarco Actual Fuel Cost         156,578.75           ASARCO OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH         \$ (4,853.55)           Texas Retail Fuel Revenue (Including Asarco)         \$ 19,588,620.75           Total Texas Retail Actual Fuel Cost (Including Asarco)         \$ 17,279,198.21	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tr	470,611,064 • 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895  ST (EXCLUDING ASA	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060  NTH  #11  ACTUAL FUEL COST FACTOR	\$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46 2,314,276.09 \$0.015840 \$0.018207 \$0.015840
ASARCO OVER (UNDER) RECOVERY OF FUEL COST CURRENT MONTH  \$ (4,853.55)  Texas Retail Fuel Revenue (Including Asarco)  Total Texas Retail Actual Fuel Cost (Including Asarco)  \$ 19,588,620.75  Total Texas Retail Actual Fuel Cost (Including Asarco)  \$ 17,279,198.21	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Asarco kWh Billed	470,611,064 • 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895  ST (EXCLUDING ASA	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46 2,314,276.09 \$0.015840 \$0.018207 \$0.015840 9,885,022
Texas Retail Fuel Revenue (Including Asarco) \$ 19,588,620.75 Total Texas Retail Actual Fuel Cost (Including Asarco) \$ 17,279,198.21	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tr  Asarco kWh Billed  Asarco Fuel Revenue	470,611,064 • 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895  ST (EXCLUDING ASA	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46 2,314,276.09 \$0.015840 \$0.018207 \$0.015840 9,885,022 151,725.20
Total Texas Retail Actual Fuel Cost (Including Asarco) \$ 17,279,198.21	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tr  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	470,611,064 • 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895  ST (EXCLUDING ASA  KAS ASARCO FUEL  ansmission Rate	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON  COST ADJUSTMENT  LOSS  MULTIPLIER  0.9616689105486 *	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46 2,314,276.09 \$0.015840 \$0.018207 \$0.015840 9,885,022 151,725.20 156,578.75
Total Texas Retail Actual Fuel Cost (Including Asarco) \$ 17,279,198.21	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tr  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	470,611,064 • 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895  ST (EXCLUDING ASA  KAS ASARCO FUEL  ansmission Rate	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON  COST ADJUSTMENT  LOSS  MULTIPLIER  0.9616689105486 *	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46 2,314,276.09 \$0.015840 \$0.018207 \$0.015840 9,885,022 151,725.20 156,578.75
	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tr  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF	470,611,064 • 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895  ST (EXCLUDING ASA  KAS ASARCO FUEL  ansmission Rate	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON  COST ADJUSTMENT  LOSS  MULTIPLIER  0.9616689105486 *	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	1,901,379.26 2,168,544.02 3,925,217.12 17,122,619.46 2,314,276.09 \$0.015840 \$0.018207 \$0.015840 9,885,022 151,725.20 156,578.75 (4,853.55)
IUTAL OVER (UNDER) RECOVERT OF FUEL COST CURRENT WONTH	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEXAS Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Asarco kWh Billed Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF Texas Retail Fuel Revenue (Including Asarco	970,611,064 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895  ST (EXCLUDING ASA  KAS ASARCO FUEL  ansmission Rate	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON  COST ADJUSTMENT  LOSS  MULTIPLIER  0.9616689105486 *	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	1,901,379.26 2,168,544.02 3,925,217.12  17,122,619.46  2,314,276.09  \$0.015840  \$0.015840  9,885,022  151,725.20 156,578.75 (4,853.55)  19,588,620.75
	Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEXAS System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tr  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF ITEXAS  Texas Retail Fuel Revenue (Including Asarco Total Texas Retail Actual Fuel Cost (Including Including Inclu	470,611,064 • 99,391,923 * 118,430,318 * 215,590,590 * 904,023,895  ST (EXCLUDING ASA  KAS ASARCO FUEL  ansmission Rate  FUEL COST CURRE	MULTIPLIER  1.0244255575985 * 1.0104372567306 * 0.9671571344350 * 0.9616689105486 *  ARCO) CURRENT MON  COST ADJUSTMENT  LOSS  MULTIPLIER  0.9616689105486 *	COST FACTOR  0.0189325149060 0.0189325149060 0.0189325149060  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	1,901,379.26 2,168,544.02 3,925,217.12  17,122,619.46  2,314,276.09  \$0.015840  \$0.015840  9,885,022  151,725.20 156,578.75 (4,853.55)  19,588,620.75 17,279,198.21

## SOUTHWESTERN PUBLIC SERVICE COMPANY ECONOMY & EMERGENCY SALES MARGIN CREDIT FUEL COST REPORT FOR THE MONTH OF MARCH 2002

ECONOMY & EMERGENCY SALES				
Economy & Emergency Revenue				\$652,026.70
Economy & Emergency Fuel Cost				546,450.11
Economy & Emergency Transmission Cost				0.00
Economy & Emergency Other Cost of Sales				0.00
Margin (Revenue - Fuel Cost - Transmission	Cost - Other Cost of	Sales)		\$105,576.59
Total Company Net Margin				\$105,576.59
Texas Retail Allocator				0.4670172996770
Texas Applicable Margin Credit	_ <u>C</u> _			\$49,306.09
Total Texas Retail kWh Billed	K			913,908,917
Texas Retail Economy & Emergency Sales M	argin Credit Factor =	C/K =		\$0.0000539507702
ECONOMY & EMERGENCY SALES		LOSS	MARGIN CREDIT	
MARGIN CREDIT	kWh BILLED	MULTIPLIER	FACTOR	
Secondary	470,611,064 *	1.0244255575985 *	0.0000539507702 =	26,009.99
Primary	99,391,923 *	1.0104372567306 *	0.0000539507702 =	
Sub-Transmission	118,430,318 *	0.9671571344350 *	0.0000539507702 =	
Backbone Transmission	215,590,590	0.9616689105486 *	0.0000539507702 =	
Total Texas Retail Economy & Emergency	Sales Margin Credit	(Excluding Asarco)		\$ 48,793.23
Asarco	9,885,022 *	0.9616689105486 *	0.0000539507702 =	\$ 512.86
TOTAL TEXAS ECONOMY & EMERGENCY	SALES MARGIN CR	EDIT (Including Asarco	)	\$ 49,306.09
			•	
		MARGIN		
		CREDIT	INTEREST	TOTAL
ECONOMY & EMERGENCY SALES MARGIN	N CREDIT	Interest Rate :	4.39%	
Regioning Cumulative Palence		\$430 904 PE	(\$35.340.34)	\$105 E04 65
Beginning Cumulative Balance Current Month		\$130,801.86 49,306.09	(\$25,210.21) 451.84	\$105,591.65 49,757.93
Prior Period Adjustment		49,306.09	0.00	49,757.93
Transfer to Over/(Under) Recovery		0.00	0.00	0.00
Ending Cumulative Balance		\$180,107.95	(\$24,758.37)	\$155,349.58
				7.22,2.0100

# SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS DEFERRED FUEL COST REPORT FOR THE MONTH OF APRIL 2002

Current System Fuel	Factor (¢/kwh):	0.019565	NON	
	ACCOUNT	RECONCILABLE	NON- RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASED PO	WER COSTS			
Fuel Cost:		_		
Fuel	501	\$33,435,835.45		\$33,435,835.45
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	186,704.34		186,704.34
Coal Residual Disposal	50175	26,990.30_		26,990.30
Total Fuel Cost		\$33,649,530.09	\$0.00	\$33,649,530.09
Nuclear Fuel Cost	518	\$0.00		\$0.00
Other Fuel Cost	547	127,221,77		127,221.77
Purchased Power Cost	555	11,340,852.03		11,340,852.03
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		\$45,117,603.89	\$0.00	\$45,117,603.89
LESS (from Texas Retail Collections detail):				
Economy & Emergency Sales Cost		\$311,175.64		\$311,175.64
Celanese Direct Assigned Cost		138,351.15		138,351.15
Interruptible Demand Fee		877,820.00		877,820.00
NET SYSTEM COST		\$43,790,257.10	\$0.00	\$43,790,257.10
NET STSTEM COST		Ψ+0,100,201.10	Ψο.οσ	Ψ10,100,201.10
Texas Retail Allocator (Texas Cost/Total System	n)	0.4658918837075		0.4658918837075
TEXAS RETAIL FUEL AND PURCHASED POWER (Including Asarco)		\$20,401,525.37	\$0.00	\$20,401,525.37
1 OVER (moderning / marrow)		420/101/020101		<u> </u>
		FUEL		
<u>-</u>	ACCOUNT	REVENUES	kWh SALES	
TEXAS RETAIL REVENUES & SALES				
Residential	440	\$3,025,388.04	150,870,424	
Commercial & Industrial	442	13,144,571.32	680,942,683	
Asarco	442	197,573.58	12,077,363	
Street & Highway	444	59,262.69	2,958,160	
Public Authorities	445	507,424.32	25,055,668	
TOTAL TEXAS RETAIL (Including Asarco)		\$16,934,219.95	871,904,298	
		OVER(UNDER)		
		RECOVERY	INTEREST	TOTAL
OVER(UNDER) RECOVERY OF FUEL COSTS	<u> </u>	Interest Rate:	4.39%	
Beginning Cumulative Balance		\$16,871,018.65	(\$2,068,450.26)	14,802,568.39
Current Month		(3,398,517.91)	53,092.75	(3,345,425.16)
Prior Period Adjustment (1)		(35,813.52)	(2,698.19)	(38,511.71)
Transfer from Economy & Emerg Sales		0.00	0.00	0.00
Ending Cumulative Balance		\$13,436,687.22	(\$2,018,055.70)	\$11,418,631.52
-				

# SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT FOR THE MONTH OF APRIL 2002

	FOR TH	E MONTH OF APRIL	2002		
NET SYSTEM FUEL COST					A00 770 754 00
Total Company Fuel Cost					\$33,776,751.86
Plus: Energy Cost of Purchased Power					11,340,852.03
Plus: Transmission of Electricity by Others					0.00
Less: Energy Cost of Economy & Emergen	cy Sales				311,175.64
Less: Celanese Fuel Cost					138,351.15
Less: Interruptible Demand Fee					877,820.00
NET SYSTEM FUEL COST				\$	43,790,257.10
TEXAS RETAIL ALLOCATOR	<b>.</b>				
Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source		
Secondary 03	415,656,199 *	1.090461 =	453,256,874		
Primary 05	94,529,763 *	1.075571 =			
Sub-Transmission 07	118,687,470 *	1.029501 =			
Backbone Transmission 09	230,953,503 *	1.023659 =	236,417,632		
Asarco 11	12,077,363 *	1.023659 ₽			
Total Texas Retail kWh Sales @ Source	871,904,298	1.0619284131165	925,899,948		
Total Applicable Company kWh Sales @ Sou	rce				
Total Company kWh			1,577,067,000		
Plus: Purchased Power kWh			448,078,171		
Less: Economy & Emergency Sales kWh			13,957,000		
Less: Economy & Emergency Sales kWh L	osses		544,323		
Less: Celanese kWh			23,273,000		
Total Applicable Company kWh Sales @ \$	Source		1,987,370,848		
TEXAS RETAIL ALLOCATOR					0.4658918837075
	_				
TEXAS RETAIL ACTUAL FUEL COST FACT	OR				
Texas Retail Applicable Fuel Cost				\$	20,401,525.37
Texas Retail kWh Billed					871,904,298
TEXAS RETAIL ACTUAL FUEL COST FA	CTOR				0.0233988126972
TEXAGRETALE ACTUAL TOLL COOT IT					
TEXAS RETAIL (EXCLUDING ASARCO) OV	ER/(UNDER) RECO	VERY			
	ER/(UNDER) RECO	VERY			\$16,736,646.37
TEXAS RETAIL (EXCLUDING ASARCO) OV	ER/(UNDER) RECO		ACTUAL SUEL		\$16,736,646.37
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarca	ER/(UNDER) RECO	LOSS	ACTUAL FUEL		\$16,736,646.37
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarca Actual Fuel Cost	ER/(UNDER) RECO	LOSS MULTIPLIER	COST FACTOR		
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarca Actual Fuel Cost Secondary	ER/(UNDER) RECO b) kWh BILLED 415,656,199 *	LOSS MULTIPLIER 1.0268686537916 *	COST FACTOR 0.0233988126972		9,987,182.35
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary	ER/(UNDER) RECO b) <u>kWh BILLED</u> 415,656,199 * 94,529,763 *	LOSS MULTIPLIER 1.0268686537916 * 1.0128469929941 *	COST FACTOR 0.0233988126972 0.0233988126972	=	9,987,182.35 2,240,300.29
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission	ER/(UNDER) RECO b) <u>kWh BILLED</u> 415,656,199 * 94,529,763 * 118,687,470 *	LOSS MULTIPLIER 1.0268686537916 * 1.0128469929941 * 0.9694636543142 *	COST FACTOR 0.0233988126972 0.0233988126972 0.0233988126972	= .	9,987,182.35 2,240,300.29 2,692,341.99
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	ER/(UNDER) RECO b) <u>kWh BILLED</u> 415,656,199 * 94,529,763 *	LOSS MULTIPLIER 1.0268686537916 * 1.0128469929941 *	COST FACTOR 0.0233988126972 0.0233988126972	= .	9,987,182.35 2,240,300.29
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	ER/(UNDER) RECO b) <u>kWh BILLED</u> 415,656,199 * 94,529,763 * 118,687,470 * 230,953,503 *	LOSS MULTIPLIER 1.0268686537916 * 1.0128469929941 * 0.9694636543142 *	COST FACTOR 0.0233988126972 0.0233988126972 0.0233988126972	=	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	ER/(UNDER) RECO b) <u>kWh BILLED</u> 415,656,199 * 94,529,763 * 118,687,470 *	LOSS MULTIPLIER 1.0268686537916 * 1.0128469929941 * 0.9694636543142 *	COST FACTOR 0.0233988126972 0.0233988126972 0.0233988126972	= .	9,987,182.35 2,240,300.29 2,692,341.99
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)	ER/(UNDER) RECO b) <u>kWh BILLED</u> 415,656,199 * 94,529,763 * 118,687,470 * 230,953,503 * 859,826,935	LOSS MULTIPLIER 1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *	COST FACTOR 0.0233988126972 0.0233988126972 0.0233988126972 0.0233988126972	= = = 	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	ER/(UNDER) RECO b) <u>kWh BILLED</u> 415,656,199 * 94,529,763 * 118,687,470 * 230,953,503 * 859,826,935	LOSS MULTIPLIER 1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *	COST FACTOR 0.0233988126972 0.0233988126972 0.0233988126972 0.0233988126972	=	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	ER/(UNDER) RECO b)    KWh BILLED	LOSS MULTIPLIER 1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972 0.0233988126972	= = = 	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	ER/(UNDER) RECO b)    KWh BILLED	LOSS MULTIPLIER 1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972 0.0233988126972	= = = 	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15)
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	ER/(UNDER) RECO b)    KWh BILLED	LOSS MULTIPLIER 1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 * ARCO) CURRENT MO	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972 0.0233988126972	= = = 	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	ER/(UNDER) RECO b)    KWh BILLED	LOSS MULTIPLIER 1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 * ARCO) CURRENT MOI COST ADJUSTMENT LOSS	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972  NTH  #11  ACTUAL FUEL	= = = 	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15)
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX	ER/(UNDER) RECO b)    KWh BILLED	LOSS MULTIPLIER  1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *  ARCO) CURRENT MO  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972  NTH  #11  ACTUAL FUEL COST FACTOR	\$	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15) \$0.016860
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarca Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEXASTRETAIL Backbone Transmission Rate	ER/(UNDER) RECO b)    kWh BILLED	LOSS MULTIPLIER 1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 * ARCO) CURRENT MOI COST ADJUSTMENT LOSS	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972  NTH  #11  ACTUAL FUEL	\$	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15) \$0.016860 \$0.022556
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX	ER/(UNDER) RECO b)    kWh BILLED	LOSS MULTIPLIER  1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *  ARCO) CURRENT MO  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972  NTH  #11  ACTUAL FUEL COST FACTOR	\$	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15) \$0.016860
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra	ER/(UNDER) RECO b)    kWh BILLED	LOSS MULTIPLIER  1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *  ARCO) CURRENT MO  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972  NTH  #11  ACTUAL FUEL COST FACTOR	\$	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15) \$0.016860 \$0.022556 \$0.016860
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarca Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEXASTRETAIL Backbone Transmission Rate	ER/(UNDER) RECO b)    kWh BILLED	LOSS MULTIPLIER  1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *  ARCO) CURRENT MO  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972  NTH  #11  ACTUAL FUEL COST FACTOR	\$	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15) \$0.016860 \$0.022556
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra	ER/(UNDER) RECO b)    kWh BILLED	LOSS MULTIPLIER  1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *  ARCO) CURRENT MO  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972  NTH  #11  ACTUAL FUEL COST FACTOR	\$	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15) \$0.016860 \$0.022556 \$0.016860 12,077,363
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Asarco kWh Billed	ER/(UNDER) RECO b)    kWh BILLED	LOSS MULTIPLIER  1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *  ARCO) CURRENT MO  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15) \$0.016860 \$0.022556 \$0.016860 12,077,363 197,573.58
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	ER/(UNDER) RECO (b)    KWh BILLED	LOSS MULTIPLIER  1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *  ARCO) CURRENT MODE  COST ADJUSTMENT  LOSS MULTIPLIER  0.9639623418643 *	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972  NTH  #11  ACTUAL FUEL COST FACTOR		9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15) \$0.016860 \$0.022556 \$0.016860 12,077,363 197,573.58 203,624.34
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed Asarco Fuel Revenue	ER/(UNDER) RECO (b)    KWh BILLED	LOSS MULTIPLIER  1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *  ARCO) CURRENT MODE  COST ADJUSTMENT  LOSS MULTIPLIER  0.9639623418643 *	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15) \$0.016860 \$0.022556 \$0.016860 12,077,363 197,573.58
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF F	ER/(UNDER) RECO    KWh BILLED	LOSS MULTIPLIER  1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *  ARCO) CURRENT MODE  COST ADJUSTMENT  LOSS MULTIPLIER  0.9639623418643 *	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972  NTH  #11  ACTUAL FUEL COST FACTOR	= = = = = = = = = = = = = = = = = = =	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15) \$0.016860 \$0.022556 \$0.016860 12,077,363 197,573.58 203,624.34 (6,050.76)
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF F	ER/(UNDER) RECO    Wh BILLED	LOSS MULTIPLIER  1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *  ARCO) CURRENT MODE  COST ADJUSTMENT  LOSS MULTIPLIER  0.9639623418643 *	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972  NTH  #11  ACTUAL FUEL COST FACTOR		9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15) \$0.016860 \$0.022556 \$0.016860 12,077,363 197,573.58 203,624.34 (6,050.76)
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF F	ER/(UNDER) RECO    Wh BILLED	LOSS MULTIPLIER  1.0268686537916 * 1.0128469929941 * 0.9694636543142 * 0.9639623418643 *  ARCO) CURRENT MORE  COST ADJUSTMENT  LOSS MULTIPLIER  0.9639623418643 *	COST FACTOR  0.0233988126972 0.0233988126972 0.0233988126972  NTH  #11  ACTUAL FUEL COST FACTOR	= = = = = = = = = = = = = = = = = = =	9,987,182.35 2,240,300.29 2,692,341.99 5,209,288.89 20,129,113.52 (3,392,467.15) \$0.016860 \$0.022556 \$0.016860 12,077,363 197,573.58 203,624.34 (6,050.76)

# SOUTHWESTERN PUBLIC SERVICE COMPANY ECONOMY & EMERGENCY SALES MARGIN CREDIT FUEL COST REPORT FOR THE MONTH OF APRIL 2002

ECONOMY & EMERGENCY SALES				
Economy & Emergency Revenue				\$392,288.00
Economy & Emergency Fuel Cost				311,175.64
Economy & Emergency Transmission Cost				0.00
Economy & Emergency Other Cost of Sales			_	0.00
Margin (Revenue - Fuel Cost - Transmission	Cost - Other Cost of S	Sales)	=	\$81,112.36
Total Company Net Margin				\$81,112.36
Texas Retail Allocator			-	0.4658918837075
Texas Applicable Margin Credit	<u>C</u>		_	\$37,789.59
Total Texas Retail kWh Billed	K			871,904,298
Texas Retail Economy & Emergency Sales M	fargin Credit Factor =	C/K =		\$0.0000433414425
ECONOMY & EMERGENCY SALES		LOSS	MARGIN CREDIT	
MARGIN CREDIT	kWh BILLED	MULTIPLIER	FACTOR	
Secondary	415,656,199	1.0268686537916 *	0.0000433414425	18,499.18
Primary	94,529,763 *	1.0128469929941 *	0.0000433414425 =	4,149.69
Sub-Transmission	118,687,470 *	0.9694636543142 *	0.0000433414425 =	4,987.00
Backbone Transmission	230,953,503 *	0.9639623418643 *	0.0000433414425 =	9,649.13
Total Texas Retail Economy & Emergency	Sales Margin Credit	(Excluding Asarco)	-	\$ 37,285.00
Asarco	12,077,363 *	0.9639623418643 *	0.0000433414425 =	\$ 504.59
TOTAL TEXAS ECONOMY & EMERGENCY	SALES MARGIN CR	EDIT (Including Asarco	)	\$ 37,789.59
			-	
		MARGIN		
		CREDIT	INTEREST	TOTAL
ECONOMY & EMERGENCY SALES MARGI	N CREDIT	Interest Rate :	4.39%	
Beginning Cumulative Balance		\$180,107.95	(\$24,758.37)	\$155,349.58
Current Month		37,789.59	615.17	38,404.76
Prior Period Adjustment		0.00	0.00	0.00
Transfer to Over/(Under) Recovery		0.00	0.00	0.00
Ending Cumulative Balance		\$217,897.54	(\$24,143.20)	\$193,754.34
-				

# SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS DEFERRED FUEL COST REPORT FOR THE MONTH OF MAY 2002

Current System Fue	l Factor (¢/kwh):	0.019565		
	ACCOUNT	RECONCILABLE	NON- RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASED P	OWER COSTS	= <del>======</del>		
Fuel Cost:		_		
Fuel	501	\$34,354,221.91		\$34,354,221.91
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	188,692.70		188,692.70
Coal Residual Disposal	50175	(23,385.95)		(23,385.95)
Total Fuel Cost		\$34,519,528.66	\$0.00	\$34,519,528.66
Nuclear Fuel Cost	518	\$0.00		\$0.00
Other Fuel Cost	547	620,780.25		620,780,25
Purchased Power Cost	555	12,350,276.05		12,350,276.05
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST	000	\$47,490,584.96	\$0.00	\$47,490,584.96
LESS (from Texas Retail Collections detail):		******		0400 044 00
Economy & Emergency Sales Cost		\$180,311.06		\$180,311.06
Celanese Direct Assigned Cost		151,290.86		151,290.86
Interruptible Demand Fee		877,820.00		877,820.00
NET SYSTEM COST		\$46,281,163.04	\$0.00	\$46,281,163.04
Texas Retail Allocator (Texas Cost/Total Syste	em)	0.4417237983685		0.4417237983685
TEXAS RETAIL FUEL AND PURCHASED				
POWER (Including Asarco)		\$20,443,491.13	\$0.00	\$20,443,491.13
		FUEL		
	ACCOUNT	REVENUES	kWh SALES	
TEVAC DETAIL DEVENUES & SALES	ACCOUNT	TEVEROLO	KVIII OALLO	
TEXAS RETAIL REVENUES & SALES	440	\$2,889,016.83	144,060,011	
Residential Commercial & Industrial	442	14,108,940.77	722,669,085	
Asarco	442	203,813.22	12,856,445	
Street & Highway	444	59,269.39	2,958,194	
Public Authorities	445	550,055.71	27,435,568	
TOTAL TEXAS RETAIL (Including Asarco)		\$17,811,095.92	909,979,303	
, ,				
		OVER(UNDER)		
		RECOVERY	INTEREST	TOTAL
OVER(UNDER) RECOVERY OF FUEL COST	S	Interest Rate :	4.39%	
Beginning Cumulative Balance		\$13,436,687.22	(\$2,018,055.70)	11,418,631.52
Current Month		(2,560,936.00)	40.955.49	(2,519,980.51)
Prior Period Adjustment (1)		36,917.58	2,335.32	39,252.90
Transfer from Economy & Emerg Sales		0.00	0.00	0.00
Ending Cumulative Balance		\$10,912,668.80	(\$1,974,764.89)	\$8,937,903.91
Ending Caridiative Datation		ψ10,012,000.00		ψο,ου, ,ουο.ο τ

# SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT FOR THE MONTH OF MAY 2002

NET OVOTEN EVEL OCCU	FOR	THE MONTH OF MAY 20	002		
NET SYSTEM FUEL COST					<b>005 440 000 04</b>
Total Company Fuel Cost					\$35,140,308.91
Plus: Energy Cost of Purchased Power					12,350,276.05
Plus: Transmission of Electricity by Others	0-1				0.00
Less: Energy Cost of Economy & Emergence	y Sales				180,311.06
Less: Celanese Fuel Cost					151,290.86
Less: Interruptible Demand Fee					877,820.00
NET SYSTEM FUEL COST				<u>\$</u>	46,281,163.04
TEXAS RETAIL ALLOCATOR					
Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source		
Secondary 03	448,496,355	1.090461 =	489,067,784		
Primary 05	95,006,229		102,185,945		
Sub-Transmission 07	126,168,612		129,890,712		
Backbone Transmission 09	227,451,662		232,832,941		
Asarco 11	12,856,445		13,160,616		
Total Texas Retail kWh Sales @ Source					
Total Texas Retail KVVII Sales @ Source	909,979,303	1.0628131810755	967,137,998		
Total Applicable Company kWh Sales @ Sour	rce				
Total Company kWh			1,811,666,000		
Plus: Purchased Power kWh			413,342,118		
Less: Economy & Emergency Sales kWh			12,075,000		
Less: Economy & Emergency Sales kWh Lo	sses		470,925		
Less: Celanese kWh	,0000		22,999,000		
Total Applicable Company kWh Sales @ S	inurce	•	2,189,463,193		
TEXAS RETAIL ALLOCATOR	-0u:00	-	2,100,400,100		0.4417237983685
LEVI CONTENTE MEDOSMICA					0.4417207903003
TEXAS RETAIL ACTUAL FUEL COST FACTO	OR				
Texas Retail Applicable Fuel Cost				\$	20,443,491.13
Texas Retail kWh Billed					909,979,303
TEXAS RETAIL ACTUAL FUEL COST FAC	CTOR				0.0224658858261
TEVAS DETAIL (EVOLUDING ASSESSOR OF					<del></del>
TEXAS RETAIL (EXCLUDING ASARCO) OVE		VERY		-	
TEXAS RETAIL (EXCLUDING ASARCO) OVE Texas Retail Fuel Revenue (Excluding Asarco		VERY		-	\$17,607,282.70
		VERY	ACTUAL FUEL		\$17,607,282.70
Texas Retail Fuel Revenue (Excluding Asarco	)		ACTUAL FUEL		\$17,607,282.70
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost	kWh BILLED	LOSS MULTIPLIER	COST FACTOR		
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary	kWh BILLED 448,496,355	LOSS MULTIPLIER 1.0260138088394 *	COST FACTOR 0.0224658858261		10,337,979.61
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary	kWh BILLED 448,496,355 95,006,229	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 *	COST FACTOR 0.0224658858261 0.0224658858261	=	10,337,979.61 2,160,020.04
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission	kWh BILLED 448,496,355 95,006,229 126,168,612	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 *	COST FACTOR 0.0224658858261 0.0224658858261 0.0224658858261	= =	10,337,979.61 2,160,020.04 2,745,647.08
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	kWh BILLED 448,496,355 95,006,229	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 *	COST FACTOR 0.0224658858261 0.0224658858261	= =	10,337,979.61 2,160,020.04
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	kWh BILLED 448,496,355 95,006,229 126,168,612 227,451,662	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 *	COST FACTOR 0.0224658858261 0.0224658858261 0.0224658858261	= ` = =	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55
Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)	kWh BILLED  448,496,355  95,006,229  126,168,612  227,451,662  897,122,858	LOSS MULTIPLIER 1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	= =	10,337,979.61 2,160,020.04 2,745,647.08
Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	kWh BILLED  448,496,355  95,006,229  126,168,612  227,451,662  897,122,858	LOSS MULTIPLIER 1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	= ` = =	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55
Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	kWh BILLED  448,496,355  95,006,229  126,168,612  227,451,662  897,122,858  T (EXCLUDING ASA	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT	COST FACTOR  0.0224658858261 0.0224658858261 0.0224658858261	= = = 	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28
Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	kWh BILLED  448,496,355  95,006,229  126,168,612  227,451,662  897,122,858  T (EXCLUDING ASA	LOSS MULTIPLIER 1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *	COST FACTOR  0.0224658858261 0.0224658858261 0.0224658858261	= = = 	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58)
Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	kWh BILLED  448,496,355  95,006,229  126,168,612  227,451,662  897,122,858  T (EXCLUDING ASA	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT	COST FACTOR  0.0224658858261 0.0224658858261 0.0224658858261	= = = 	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28
Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	kWh BILLED  448,496,355  95,006,229  126,168,612  227,451,662  897,122,858  T (EXCLUDING ASA	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	= = = 	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58)
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost	kWh BILLED  448,496,355  95,006,229  126,168,612  227,451,662  897,122,858  T (EXCLUDING ASA	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT EL COST ADJUSTMENT EL LOSS MULTIPLIER	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	\$ \$	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58)
Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	kWh BILLED  448,496,355  95,006,229  126,168,612  227,451,662  897,122,858  T (EXCLUDING ASA	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	\$ \$	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58)
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost	kWh BILLED  448,496,355 95,006,229 126,168,612 227,451,662 897,122,858  T (EXCLUDING ASA EXAS ASARCO FUE	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT EL COST ADJUSTMENT EL LOSS MULTIPLIER	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	\$ \$	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58)
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Train	kWh BILLED  448,496,355 95,006,229 126,168,612 227,451,662 897,122,858  T (EXCLUDING ASA EXAS ASARCO FUE	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT EL COST ADJUSTMENT EL LOSS MULTIPLIER	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	\$ \$	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58) \$0.016080 \$0.021638 \$0.016080
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost	kWh BILLED  448,496,355 95,006,229 126,168,612 227,451,662 897,122,858  T (EXCLUDING ASA EXAS ASARCO FUE	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT EL COST ADJUSTMENT EL LOSS MULTIPLIER	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	\$ \$	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58) \$0.016080
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Train	kWh BILLED  448,496,355 95,006,229 126,168,612 227,451,662 897,122,858  T (EXCLUDING ASA EXAS ASARCO FUE	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT EL COST ADJUSTMENT EL LOSS MULTIPLIER	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	\$ \$	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58) \$0.016080 \$0.021638 \$0.016080 12,856,445
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Trail Asarco kWh Billed	kWh BILLED  448,496,355 95,006,229 126,168,612 227,451,662 897,122,858  T (EXCLUDING ASA EXAS ASARCO FUE	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT EL COST ADJUSTMENT EL LOSS MULTIPLIER	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	\$ \$	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58) \$0.016080 \$0.021638 \$0.016080 12,856,445 203,813.22
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Trail Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	kWh BILLED  448,496,355 95,006,229 126,168,612 227,451,662 897,122,858  T (EXCLUDING ASA EXAS ASARCO FUE	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT L COST ADJUSTMENT :  LOSS MULTIPLIER  0.9631598649954 *	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	\$ \$	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58) \$0.016080 \$0.021638 \$0.016080 12,856,445 203,813.22 206,731.64
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Trail Asarco kWh Billed  Asarco Fuel Revenue	kWh BILLED  448,496,355 95,006,229 126,168,612 227,451,662 897,122,858  T (EXCLUDING ASA EXAS ASARCO FUE	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT L COST ADJUSTMENT :  LOSS MULTIPLIER  0.9631598649954 *	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	\$	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58) \$0.016080 \$0.021638 \$0.016080 12,856,445 203,813.22
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Trail Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF FUEL Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF FUEL  Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF FUEL  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Trail  Asarco kWh Billed	kWh BILLED  448,496,355 95,006,229 126,168,612 227,451,662 897,122,858  T (EXCLUDING ASA EXAS ASARCO FUE  Insmission Rate	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT L COST ADJUSTMENT :  LOSS MULTIPLIER  0.9631598649954 *	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	\$ \$	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58) \$0.016080 \$0.021638 \$0.016080 12,856,445 203,813.22 206,731.64 (2,918.42)
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Trait Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF FUEL COST  Texas Retail Fuel Revenue (Including Asarco)	kWh BILLED  448,496,355 95,006,229 126,168,612 227,451,662 897,122,858  T (EXCLUDING ASA XAS ASARCO FUE  Insmission Rate	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT L COST ADJUSTMENT :  LOSS MULTIPLIER  0.9631598649954 *	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	\$ \$	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58) \$0.016080 \$0.021638 \$0.016080 12,856,445 203,813.22 206,731.64 (2,918.42) 17,811,095.92
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Trail Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF FUEL Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF FUEL  Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF FUEL  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Trail  Asarco kWh Billed	kWh BILLED  448,496,355 95,006,229 126,168,612 227,451,662 897,122,858  T (EXCLUDING ASA EXAS ASARCO FUE  Insmission Rate  UEL COST CURRE	LOSS MULTIPLIER  1.0260138088394 * 1.0120038207577 * 0.9686565977270 * 0.9631598649954 *  ARCO) CURRENT MONT  LOSS MULTIPLIER  0.9631598649954 *	0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261 0.0224658858261	\$ \$	10,337,979.61 2,160,020.04 2,745,647.08 4,921,653.55 20,165,300.28 (2,558,017.58) \$0.016080 \$0.021638 \$0.016080 12,856,445 203,813.22 206,731.64 (2,918.42)

## SOUTHWESTERN PUBLIC SERVICE COMPANY ECONOMY & EMERGENCY SALES MARGIN CREDIT FUEL COST REPORT FOR THE MONTH OF MAY 2002

ECONOMY & EMERGENCY SALES				
Economy & Emergency Revenue				\$231,056.50
Economy & Emergency Fuel Cost				180,311.06
Economy & Emergency Transmission Cost				0.00
Economy & Emergency Other Cost of Sales				0.00
Margin (Revenue - Fuel Cost - Transmission	Cost - Other Cost of S	Sales)	=	\$50,745.44
Total Company Net Margin				\$50,745.44
Texas Retail Allocator			_	0.4417237983685
Texas Applicable Margin Credit	_C_			\$22,415.47
Total Texas Retail kWh Billed	_			909,979,303
Texas Retail Economy & Emergency Sales	Margin Credit Factor =	C/K =		\$0.0000246329449
ECONOMY & EMERGENCY SALES			MARGIN CREDIT	
MARGIN CREDIT	kWh BILLED	LOSS MULTIPLIER	FACTOR	
Secondary	448,496,355 *	1.0260138088394 *	0.0000246329449 =	11,335.18
Primary	95,006,229 *	1.0120038207577 *	0.0000246329449 =	2,368.38
Sub-Transmission	126,168,612 *	0.9686565977270 *	0.0000246329449 =	3.010.49
Backbone Transmission	227,451,662 *	0.9631598649954 *	0.0000246329449 =	5,396.39
Total Texas Retail Economy & Emergence		(Excluding Asarco)		\$ 22,110.44
Asarco	12,856,445 *	0.9631598649954 *	0.0000246329449 =	\$ 305.03
TOTAL TEXAS ECONOMY & EMERGENCY	Y SALES MARGIN CRI	EDIT (Including Asarco)	-	\$ 22,415.47
		MARGIN CREDIT	INTEREST	TOTAL
ECONOMY & EMERGENCY SALES MARG	IN CREDIT	Interest Rate:	4.39%	
Beginning Cumulative Balance		\$217,897.54	(\$24,143.20)	\$193,754.34
Current Month		22,415.47	776.58	23,192.05
Prior Period Adjustment		(0.01)	0.00	(0.01)
Transfer to Over/(Under) Recovery		0.00	0.00	0.00
Ending Cumulative Balance		\$240,313.00	(\$23,366.62)	\$216,946.38

#### SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS DEFERRED FUEL COST REPORT FOR THE MONTH OF JUNE 2002

Current System	Fuel Factor (¢/kwh):	0.019565		
	ACCOUNT	RECONCILABLE	NON- RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASE			<del></del>	
Fuel Cost:		<del>-</del>		
Fuel	501	\$37,533,825.09		\$37,533,825.09
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	213,455.95		213,455.95
Coal Residual Disposal	50175	57,599.09	<del> </del>	57,599.09
Total Fuel Cost		\$37,804,880.13	\$0.00	\$37,804,880.13
Nuclear Fuel Cost	518	\$0.00		\$0.00
Other Fuel Cost	547	778,757.17		778,757.17
Purchased Power Cost	555	10,645,263.35		10,645,263.35
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		\$49,228,900.65	\$0.00	\$49,228,900.65
LESS (from Texas Retail Collections detail	D:			
Economy & Emergency Sales Cost	· <i>r</i> ·	\$128,920,45		\$128,920,45
Celanese Direct Assigned Cost		160,245.16		160,245.16
Interruptible Demand Fee		877,820.00		877,820.00
NET SYSTEM COST		\$48,061,915.04	\$0.00	\$48,061,915.04
Texas Retail Allocator (Texas Cost/Total S TEXAS RETAIL FUEL AND PURCHASED		0.4418072320183	· · · · · · · · · · · · · · · · · · ·	0.4418072320183
POWER (Including Asarco)		\$21,234,101.65	\$0.00	\$21,234,101.65
	ACCOUNT	FUEL	144/1- 041 50	
	ACCOUNT	REVENUES	kWh SALES	
TEXAS RETAIL REVENUES & SALES	440	#2 604 062 F1	104 279 106	
Residential Commercial & Industrial	440 442	\$3,694,062.51	184,278,186	
Asarco	442	14,595,506.47 201,363.63	750,253,207 11,933,367	
Street & Highway	444	59,381.72	2,964,118	
Public Authorities	445	607,210.64	30,290,860	
TOTAL TEXAS RETAIL (Including Asa		\$19,157,524.97	979,719,738	
1011/212/01/01/12/11/01/20/11g/10/2	. •••	<u> </u>	3.0,7.10,7.00	
		OVER(UNDER)		
		RECOVERY	INTEREST	TOTAL
OVER(UNDER) RECOVERY OF FUEL CO	OSTS	Interest Rate :	4.39%	
Beginning Cumulative Balance		\$10,912,668.80	(\$1,974,764.89)	8,937,903.91
Current Month		(2,014,141.28)	32,057.81	(1,982,083.47)
Prior Period Adjustment (1)		(291.69)	(15.58)	(307.27)
Transfer from Economy & Emerg Sales		0.00	0.00	0.00
Ending Cumulative Balance		\$8,898,235.83	(\$1,942,722.66)	\$6,955,513.17
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# SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT FOR THE MONTH OF JUNE 2002

NET SYSTEM FUEL COST		,_ ,,,,,,,,,,			
Total Company Fuel Cost	···				\$38,583,637.30
Plus: Energy Cost of Purchased Power					10,645,263.35
Plus: Transmission of Electricity by Others					0.00
Less: Energy Cost of Economy & Emergen	cv Sales				128,920.45
Less: Celanese Fuel Cost	oy caloo				160,245.16
Less: Interruptible Demand Fee					877,820.00
NET SYSTEM FUEL COST				\$	48,061,915.04
TEXAS RETAIL ALLOCATOR					
Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source		
Secondary 03	517,037,853 *	1.090461 =	563,809,614		
Primary 05	100,535,981 *	1.075571 ≈	108,133,585		
Sub-Transmission 07	130,186,206 *	1.029501 =	134,026,829		
Backbone Transmission 09	220,026,331 *	1.023659 =	225,231,934		
Asarco 11	11,933,367 *	1.023659 =	12,215,699		
Total Texas Retail kWh Sales @ Source	979,719,738	1.0650164744993	1,043,417,661		
Total Applicable Company kWh Sales @ Sou	ırce		4 000 774 000		
Total Company kWh			1,982,774,000		
Plus: Purchased Power kWh			410,265,999		
Less: Economy & Emergency Sales kWh			7,604,000		
Less: Economy & Emergency Sales kWh L	osses		296,556 23,436,000		
Less: Celanese kWh	Course		2,361,703,443		
Total Applicable Company kWh Sales @ TEXAS RETAIL ALLOCATOR	Source		2,301,703,443		0.4418072320183
TEXAS RETAIL ALLOCATOR					0.11100.2020.00
TEXAS RETAIL ACTUAL FUEL COST FACT	TOR				
Texas Retail Applicable Fuel Cost				\$	21,234,101.65
Texas Retail kWh Billed					979,719,738
TEXAS RETAIL ACTUAL FUEL COST FA	ACTOR				0.0216736489356
TEXAS RETAIL (EXCLUDING ASARCO) OV		VERY			P10 056 161 24
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco)		VERY			\$18,956,161.34
			ACTUAL FUEL		\$18,956,161.34
Texas Retail Fuel Revenue (Excluding Asarc	0)	VERY LOSS MULTIPLIER	ACTUAL FUEL COST FACTOR		\$18,956,161.34
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost	kWh BILLED	LOSS MULTIPLIER	COST FACTOR	= \$	
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary	kWh BILLED 517,037,853	LOSS MULTIPLIER 1.0238912036667 *	COST FACTOR 0.0216736489356		11,473,824.06
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary	kWh BILLED 517,037,853 100,535,981	LOSS MULTIPLIER 1.0238912036667 * 1.0099101992818 *	COST FACTOR 0.0216736489356 0.0216736489356	=	11,473,824.06 2,200,575.69
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission	kWh BILLED 517,037,853 100,535,981 130,186,206	LOSS MULTIPLIER 1.0238912036667 * 1.0099101992818 * 0.9666526524709 *	COST FACTOR 0.0216736489356 0.0216736489356 0.0216736489356	=	11,473,824.06 2,200,575.69 2,727,516.91
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	kWh BILLED 517,037,853 100,535,981	LOSS MULTIPLIER 1.0238912036667 * 1.0099101992818 *	COST FACTOR 0.0216736489356 0.0216736489356	=	11,473,824.06 2,200,575.69
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331	LOSS MULTIPLIER 1.0238912036667 * 1.0099101992818 * 0.9666526524709 *	COST FACTOR 0.0216736489356 0.0216736489356 0.0216736489356	=	11,473,824.06 2,200,575.69 2,727,516.91
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371	LOSS MULTIPLIER 1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356	= = = 	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371	LOSS MULTIPLIER 1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356	= = = =	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA	LOSS MULTIPLIER 1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356	= = = 	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA	LOSS MULTIPLIER 1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356	= = = 	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38)
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA	LOSS MULTIPLIER 1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 * ARCO) CURRENT MO	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356	= = = 	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA	LOSS MULTIPLIER  1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *  ARCO) CURRENT MODE  COST ADJUSTMENT  LOSS	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356	= = = 	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38)
Texas Retail Fuel Revenue (Excluding Asarc  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA	LOSS MULTIPLIER  1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *  ARCO) CURRENT MO  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356  NTH  #11  ACTUAL FUEL COST FACTOR	= = = 	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38) \$0.015600
Texas Retail Fuel Revenue (Excluding Asarc  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA  XAS ASARCO FUEL	LOSS MULTIPLIER  1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *  ARCO) CURRENT MODE  COST ADJUSTMENT  LOSS	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356	= = = 	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38) \$0.015600 \$0.020832
Texas Retail Fuel Revenue (Excluding Asarc  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA  XAS ASARCO FUEL	LOSS MULTIPLIER  1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *  ARCO) CURRENT MO  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356  NTH  #11  ACTUAL FUEL COST FACTOR	= = = 	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38) \$0.015600
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tr	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA  XAS ASARCO FUEL	LOSS MULTIPLIER  1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *  ARCO) CURRENT MO  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356  NTH  #11  ACTUAL FUEL COST FACTOR	= = = 	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38) \$0.015600 \$0.020832 \$0.015600
Texas Retail Fuel Revenue (Excluding Asarc  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA  XAS ASARCO FUEL	LOSS MULTIPLIER  1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *  ARCO) CURRENT MO  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356  NTH  #11  ACTUAL FUEL COST FACTOR	= = = 	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38) \$0.015600 \$0.020832
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tr	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA  XAS ASARCO FUEL	LOSS MULTIPLIER  1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *  ARCO) CURRENT MO  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356  NTH  #11  ACTUAL FUEL COST FACTOR	= = = 	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38) \$0.015600 \$0.020832 \$0.015600
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tr Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASAXAS ASARCO FUEL ansmission Rate	LOSS MULTIPLIER  1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *  ARCO) CURRENT MODE  COST ADJUSTMENT  LOSS  MULTIPLIER  0.9611672913147 *	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356  NTH  #11  ACTUAL FUEL COST FACTOR	\$	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38) \$0.015600 \$0.020832 \$0.015600 11,933,367 201,363.63 186,160.53
Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tr Asarco kWh Billed  Asarco Fuel Revenue	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASAXAS ASARCO FUEL ansmission Rate	LOSS MULTIPLIER  1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *  ARCO) CURRENT MODE  COST ADJUSTMENT  LOSS  MULTIPLIER  0.9611672913147 *	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356  NTH  #11  ACTUAL FUEL COST FACTOR	= = = \$ \$	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38) \$0.015600 \$0.020832 \$0.015600 11,933,367 201,363.63
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tr  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA  XAS ASARCO FUEL  ansmission Rate	LOSS MULTIPLIER  1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *  ARCO) CURRENT MODE  COST ADJUSTMENT  LOSS  MULTIPLIER  0.9611672913147 *	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356  NTH  #11  ACTUAL FUEL COST FACTOR	\$	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38) \$0.015600 \$0.020832 \$0.015600 11,933,367 201,363.63 186,160.53 15,203.10
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tr  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF  Texas Retail Fuel Revenue (Including Asarco	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA  XAS ASARCO FUEL  ansmission Rate  FUEL COST CURRE	LOSS MULTIPLIER  1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *  ARCO) CURRENT MODE  COST ADJUSTMENT  LOSS  MULTIPLIER  0.9611672913147 *	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38) \$0.015600 \$0.020832 \$0.015600 11,933,367 201,363.63 186,160.53 15,203.10
Texas Retail Fuel Revenue (Excluding Asarca Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF Texas Retail Fuel Revenue (Including Asarca Total Texas Retail Actual Fuel Cost (Including	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA  XAS ASARCO FUEL  ansmission Rate  FUEL COST CURRE  b) g Asarco)	LOSS MULTIPLIER  1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *  ARCO) CURRENT MORE  COST ADJUSTMENT  LOSS MULTIPLIER  0.9611672913147 *	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38) \$0.015600 \$0.020832 \$0.015600 11,933,367 201,363.63 186,160.53 15,203.10 19,157,524.97 21,171,666.25
Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tr  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF  Texas Retail Fuel Revenue (Including Asarco	kWh BILLED 517,037,853 100,535,981 130,186,206 220,026,331 967,786,371  ST (EXCLUDING ASA  XAS ASARCO FUEL  ansmission Rate  FUEL COST CURRE  b) g Asarco)	LOSS MULTIPLIER  1.0238912036667 * 1.0099101992818 * 0.9666526524709 * 0.9611672913147 *  ARCO) CURRENT MORE  COST ADJUSTMENT  LOSS MULTIPLIER  0.9611672913147 *	COST FACTOR  0.0216736489356 0.0216736489356 0.0216736489356 0.0216736489356  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	11,473,824.06 2,200,575.69 2,727,516.91 4,583,589.06 20,985,505.72 (2,029,344.38) \$0.015600 \$0.020832 \$0.015600 11,933,367 201,363.63 186,160.53 15,203.10

# SOUTHWESTERN PUBLIC SERVICE COMPANY ECONOMY & EMERGENCY SALES MARGIN CREDIT FUEL COST REPORT FOR THE MONTH OF JUNE 2002

ECONOMY & EMERGENCY SALES				
Economy & Emergency Revenue				\$184,112.75
Economy & Emergency Fuel Cost				128,920.45
Economy & Emergency Transmission Cost				0.00
Economy & Emergency Other Cost of Sales				0.00
Margin (Revenue - Fuel Cost - Transmission	Cost - Other Cost of S	Sales)	_	\$55,192.30
Total Company Net Margin				\$55,192.30
Texas Retail Allocator			_	0.4418072320183
Texas Applicable Margin Credit	_C_		_	\$24,384.36
Total Texas Retail kWh Billed	K			979,719,738
Texas Retail Economy & Emergency Sales M	argin Credit Factor =	C/K =		\$0.0000248891178
ECONOMY & EMERGENCY SALES		LOSS	MARGIN CREDIT	
MARGIN CREDIT	kWh BILLED	MULTIPLIER	FACTOR	
Secondary	517,037,853 *	1.0238912036667 *	0.0000248891178 =	13,176.06
Primary	100,535,981 *	1.0099101992818 *	0.0000248891178 =	2,527.05
Sub-Transmission	130,186,206 *	0.9666526524709 *	0.0000248891178 =	3,132.17
Backbone Transmission	220,026,331 *	0.9611672913147 *	0.0000248891178 🖃	5,263.60
Total Texas Retail Economy & Emergency	Sales Margin Credit	(Excluding Asarco)	_	\$ 24,098.88
Asarco	11,933,367 *	0.9611672913147 •	0.0000248891178 =	\$ 285.48
TOTAL TEXAS ECONOMY & EMERGENCY	SALES MARGIN CR	EDIT (Including Asarco	p)	\$ 24,384.36
			_	
		MARGIN CREDIT	INTEREST	TOTAL
ECONOMY & EMERGENCY SALES MARGI	N CREDIT	Interest Rate:	4.39%	
Beginning Cumulative Balance		\$240,313.00	(\$23,366.62)	\$216,946.38
Current Month		24,384.36	832.40	25,216.76
Prior Period Adjustment		0.00	0.00	0.00
Transfer to Over/(Under) Recovery		0.00	0.00	0.00
Ending Cumulative Balance		\$264,697.36	(\$22,534.22)	\$242,163.14
-				

# SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS DEFERRED FUEL COST REPORT FOR THE MONTH OF JULY 2002

Current System Fuel	Factor (¢/kwh):	0.019565	NON	
	ACCOUNT	RECONCILABLE	NON- RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASED PO	OWER COSTS			
Fuel Cost:		<del></del>		
Fuel	501	\$44,536,761.70		\$44,536,761.70
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	224,338.90		224,338.90
Coal Residual Disposal	50175	190,819.21		190,819.21
Total Fuel Cost		\$44,951,919.81	\$0.00	\$44,951,919.81
Nuclear Fuel Cost	518	\$0.00		\$0.00
Other Fuel Cost	547	1,453,975.84		1,453,975.84
Purchased Power Cost	555	6,499,108.25		6,499,108.25
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST	505	\$52,905,003.90	\$0.00	\$52,905,003.90
LESS (from Texas Retail Collections detail):				
Economy & Emergency Sales Cost		\$433,919.32		\$433,919.32
Celanese Direct Assigned Cost		164,008.25		164,008.25
Interruptible Demand Fee		877,820.00		877,820.00
NET SYSTEM COST		\$51,429,256.33	\$0.00	\$51,429,256.33
Texas Retail Allocator (Texas Cost/Total Syste	em)	0.4728577098592		0.4728577098592
TEXAS RETAIL FUEL AND PURCHASED	,			
POWER (Including Asarco)		\$24,318,720.37	\$0.00	\$24,318,720.37
		FUEL		
	ACCOUNT	REVENUES	kWh SALES	
TEVAO DETAIL DEMENUES SOALES	ACCOUNT	KEVENUES	KWII SALES	
TEXAS RETAIL REVENUES & SALES	440	\$4,925,976.83	245,733,855	
Residential	440 442		• •	
Commercial & Industrial	442 442	15,680,490.85 206,905.20	806,768,850 12,844,872	
Asarco		· ·	• •	
Street & Highway	444	59,404.74	2,965,324	
Public Authorities	445	606,871.25	30,273,952	
TOTAL TEXAS RETAIL (Including Asarco)		\$21,479,648.87	1,098,586,853	
		OVER(UNDER)		
		RECOVERY	INTEREST	TOTAL
OVER(UNDER) RECOVERY OF FUEL COST	s	Interest Rate :	4.39%	
Beginning Cumulative Balance		\$8,898,235.83	(\$1,942,722.66)	6,955,513.17
Current Month		(2,768,540,41)	24,947.51	(2,743,592.90)
Prior Period Adjustment (1)		(30.78)	(1.27)	(32.05)
Transfer from Economy & Emerg Sales		0.00	0.00	0.00
Ending Cumulative Balance		\$6,129,664.64	(\$1,917,776.42)	\$4,211,888.22
Enamy Junialisto Dalamot		\$5,,20,00 1.04		· · · · · · · · · · · · · · · · · · ·

# SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT FOR THE MONTH OF JULY 2002

NET OVOTEN EUE OOOT	FOR I	HE MONTH OF JULY 2	2002		
NET SYSTEM FUEL COST					
Total Company Fuel Cost					\$46,405,895.65
Plus: Energy Cost of Purchased Power					6,499,108.25
Plus: Transmission of Electricity by Others					0.00
Less: Energy Cost of Economy & Emergen	icy Sales				433,919.32
Less: Celanese Fuel Cost					164,008.25
Less: Interruptible Demand Fee					877,820.00
NET SYSTEM FUEL COST				\$	51,429,256.33
TEXAS RETAIL ALLOCATOR					
Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source		
Secondary 03	593,892,229 *	1.090461 =	647,616,314		
Primary 05	101,836,854 *	1.075571 =	109.532.767		
Sub-Transmission 07	135,544,114 *	1.029501 =	139,542,801		
Backbone Transmission 09	254,468,784 *		260,489,261		
Asarco 11	12,844,872 *		13,148,769		
Total Texas Retail kWh Sales @ Source	1,098,586,853	1.0653048583390	1,170,329,912		
Total Applicable Company kWh Sales @ Sol	urce				
Total Company kWh			2,219,787,000		
Plus: Purchased Power kWh			301,552,870		
Less: Economy & Emergency Sales kWh			19,011,450		
Less: Economy & Emergency Sales kWh L	osses		741,447		
Less; Celanese kWh			26,572,000		
Total Applicable Company kWh Sales @	Source		2,475,014,973		
TEXAS RETAIL ALLOCATOR					0.4728577098592
					01112007700002
TEXAS RETAIL ACTUAL FUEL COST FACT	TOR				
Texas Retail Applicable Fuel Cost				\$	24,318,720.37
Texas Retail kWh Billed				Ψ	1,098,586,853
	ACTOR				0.0221363657298
TEXAS RETAIL ACTUAL FUEL COST FA	ACTOR				0.0221303037290
		VCDV			0.0221303037290
TEXAS RETAIL (EXCLUDING ASARCO) OV	/ER/(UNDER) RECO	VERY		==	
	/ER/(UNDER) RECO	VERY		==	\$21,272,743.67
TEXAS RETAIL (EXCLUDING ASARCO) OV	/ER/(UNDER) RECO		ACTUAL ELIEL	<u></u> -	
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco)	/ER/(UNDER) RECO ::o)	LOSS	ACTUAL FUEL		
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost	VER/(UNDER) RECO	LOSS MULTIPLIER	COST FACTOR		\$21,272,743.67
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary	/ER/(UNDER) RECO ::o)	LOSS MULTIPLIER 1.0236140307294 *	COST FACTOR 0.0221363657298		\$21,272,743.67 13,457,060.17
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary	/ER/(UNDER) RECO :>)	LOSS MULTIPLIER 1.0236140307294 * 1.0096368110787 *	0.0221363657298 0.0221363657298	= `	\$21,272,743.67
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary	VER/(UNDER) RECO (xo) kWh BILLED 593,892,229	LOSS MULTIPLIER 1.0236140307294 * 1.0096368110787 *	COST FACTOR 0.0221363657298	= `	\$21,272,743.67 13,457,060.17
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary	/ER/(UNDER) RECO :>)	LOSS MULTIPLIER 1.0236140307294 * 1.0096368110787 *	0.0221363657298 0.0221363657298	= ` =	\$21,272,743.67 13,457,060.17 2,276,022.09
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission	/ER/(UNDER) RECO :>)	LOSS MULTIPLIER 1.0236140307294 * 1.0096368110787 * 0.9663909743218 *	COST FACTOR 0.0221363657298 0.0221363657298 0.0221363657298	= ` =	\$21,272,743.67 13,457,060.17 2,276,022.09 2,899,611.74
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	/ER/(UNDER) RECO :>)	LOSS MULTIPLIER 1.0236140307294 * 1.0096368110787 * 0.9663909743218 *	COST FACTOR 0.0221363657298 0.0221363657298 0.0221363657298	= ` =	\$21,272,743.67 13,457,060.17 2,276,022.09 2,899,611.74
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	/ER/(UNDER) RECO :>)    KWh BILLED   593,892,229 * 101,836,854 * 135,544,114 * 254,468,784 * *	LOSS MULTIPLIER 1.0236140307294 * 1.0096368110787 * 0.9663909743218 *	COST FACTOR 0.0221363657298 0.0221363657298 0.0221363657298	= ` = =	\$21,272,743.67 13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)	kWh BILLED 593,892,229 101,836,854 135,544,114 254,468,784 1,085,741,981	LOSS MULTIPLIER 1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298 0.0221363657298	= ` = =	\$21,272,743.67 13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20 24,045,497.20
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	kWh BILLED 593,892,229 101,836,854 135,544,114 254,468,784 1,085,741,981	LOSS MULTIPLIER 1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298 0.0221363657298	= = = 	\$21,272,743.67 13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	**ER/(UNDER) RECO  **ER/(UNDER) RECO  **EXM BILLED  **593,892,229 ** 101,836,854 ** 135,544,114 ** 254,468,784 **  1,085,741,981  ST (EXCLUDING ASA	LOSS MULTIPLIER 1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298 0.0221363657298	= = = 	\$21,272,743.67 13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20 24,045,497.20
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	**ER/(UNDER) RECO **SO)  **ER/(UNDER) RECO **SO3,892,229 ** 101,836,854 ** 135,544,114 ** 254,468,784 ** 1,085,741,981  ST (EXCLUDING ASA	LOSS MULTIPLIER 1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298 0.0221363657298	= = = 	\$21,272,743.67 13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20 24,045,497.20 (2,772,753.53)
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	**ER/(UNDER) RECO **SO)  **ER/(UNDER) RECO **SO3,892,229 ** 101,836,854 ** 135,544,114 ** 254,468,784 ** 1,085,741,981  ST (EXCLUDING ASA	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298 0.0221363657298	= = = 	\$21,272,743.67 13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20 24,045,497.20
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	**ER/(UNDER) RECO **SO)  **ER/(UNDER) RECO **SO3,892,229 ** 101,836,854 ** 135,544,114 ** 254,468,784 ** 1,085,741,981  ST (EXCLUDING ASA	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL	= = = 	\$21,272,743.67 13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20 24,045,497.20 (2,772,753.53)
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST TEXASTREE TOTAL COST TEXT TEXT TEXT TEXT TEXT TEXT TEXT TE	**ER/(UNDER) RECO **SO)  **ER/(UNDER) RECO **SO3,892,229 ** 101,836,854 ** 135,544,114 ** 254,468,784 ** 1,085,741,981  ST (EXCLUDING ASA	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$21,272,743.67 13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20 24,045,497.20 (2,772,753.53) \$0.015780
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST TEXASTREAL COST TEXASTREAL BACKBONE Transmission Rate	KWh BILLED   593,892,229 + 101,836,854   135,544,114 + 254,468,784   1,085,741,981   ST (EXCLUDING ASA	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL	\$	\$21,272,743.67  13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20  24,045,497.20  (2,772,753.53)  \$0.015780
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST TEXASTREE TOTAL COST TEXT TEXT TEXT TEXT TEXT TEXT TEXT TE	KWh BILLED   593,892,229 + 101,836,854   135,544,114 + 254,468,784   1,085,741,981   ST (EXCLUDING ASA	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$21,272,743.67 13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20 24,045,497.20 (2,772,753.53) \$0.015780
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST TEXAS Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate	KWh BILLED   593,892,229 + 101,836,854   135,544,114 + 254,468,784   1,085,741,981   ST (EXCLUDING ASA	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$21,272,743.67  13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20  24,045,497.20  (2,772,753.53)  \$0.015780  \$0.021271 \$0.015780
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST TEXASTREAL COST TEXASTREAL BACKBONE Transmission Rate	KWh BILLED   593,892,229 + 101,836,854   135,544,114 + 254,468,784   1,085,741,981   ST (EXCLUDING ASA	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$21,272,743.67  13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20  24,045,497.20  (2,772,753.53)  \$0.015780
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST TEXAS Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser Oscientific Rate Rate Rate Rate Rate Rate Rate Rate	KWh BILLED   593,892,229 + 101,836,854   135,544,114 + 254,468,784   1,085,741,981   ST (EXCLUDING ASA	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL COST FACTOR	= = = = \$ \$	\$21,272,743.67 13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20 24,045,497.20 (2,772,753.53) \$0.015780 \$0.021271 \$0.015780 12,844,872
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST TEXAS Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Rate Revenue	KWh BILLED   593,892,229 + 101,836,854   135,544,114 + 254,468,784   1,085,741,981   ST (EXCLUDING ASA	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$21,272,743.67  13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20  24,045,497.20  (2,772,753.53)  \$0.015780  \$0.021271 \$0.015780  12,844,872 206,905.20
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST TEXAS Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System C	Wh BILLED   593,892,229	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9609070980828 *	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL COST FACTOR	= = = \$ \$	\$21,272,743.67  13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20  24,045,497.20  (2,772,753.53)  \$0.015780  \$0.021271 \$0.015780  12,844,872 206,905.20 202,692.08
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST TEXAS Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Rate Revenue	Wh BILLED   593,892,229	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9609070980828 *	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL COST FACTOR	= = = = \$ \$	\$21,272,743.67  13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20  24,045,497.20  (2,772,753.53)  \$0.015780  \$0.021271 \$0.015780  12,844,872 206,905.20
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST TEXAS Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System C	Wh BILLED   593,892,229	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9609070980828 *	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL COST FACTOR	= = = \$ \$	\$21,272,743.67  13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20  24,045,497.20  (2,772,753.53)  \$0.015780  \$0.021271 \$0.015780  12,844,872 206,905.20 202,692.08 4,213.12
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST TEXAS Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System C	Wh BILLED   593,892,229	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9609070980828 *	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL COST FACTOR	= = = \$ \$	\$21,272,743.67  13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20  24,045,497.20  (2,772,753.53)  \$0.015780  \$0.021271 \$0.015780  12,844,872 206,905.20 202,692.08
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST TEXAS Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Transmission Rate Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Transmission Rate Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Transmissi	KWh BILLED   593,892,229	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9609070980828 *	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$ \$	\$21,272,743.67  13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20  24,045,497.20  (2,772,753.53)  \$0.015780  \$0.021271 \$0.015780  12,844,872 206,905.20 202,692.08 4,213.12
TEXAS RETAIL (EXCLUDING ASARCO) ON Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST TEXAS Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Transmissi	KWh BILLED   593,892,229	LOSS MULTIPLIER  1.0236140307294 * 1.0096368110787 * 0.9663909743218 * 0.9609070980828 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9609070980828 *	COST FACTOR  0.0221363657298 0.0221363657298 0.0221363657298  NTH  #11  ACTUAL FUEL COST FACTOR	=	\$21,272,743.67  13,457,060.17 2,276,022.09 2,899,611.74 5,412,803.20  24,045,497.20  (2,772,753.53)  \$0.015780  \$0.021271 \$0.015780  12,844,872 206,905.20 202,692.08 4,213.12

## SOUTHWESTERN PUBLIC SERVICE COMPANY ECONOMY & EMERGENCY SALES MARGIN CREDIT FUEL COST REPORT FOR THE MONTH OF JULY 2002

ECONOMY & EMERGENCY SALES				
Economy & Emergency Revenue				\$576,481.22
Economy & Emergency Fuel Cost				433,919.32
Economy & Emergency Transmission Cost				0.00
Economy & Emergency Other Cost of Sales				0.00
Margin (Revenue - Fuel Cost - Transmission C	Cost - Other Cost of	Sales)	_	\$142,561.90
Total Company Net Margin			_	\$142,561.90
Texas Retail Allocator			_	0.4728577098592
Texas Applicable Margin Credit	<u></u>		_	\$67,411.49
Total Texas Retail kWh Billed	K		_	1,098,586,853
Texas Retail Economy & Emergency Sales Ma	argin Credit Factor =	C/K =		\$0.0000613620032
ECONOMY & EMERGENCY SALES		LOSS	MARGIN CREDIT	
MARGIN CREDIT	kWh BILLED	MULTIPLIER	FACTOR	
Secondary	593,892,229 *	1.0236140307294 *	0.0000613620032 =	37,302.97
Primary	101,836,854	1.0096368110787 *	0.0000613620032 =	6,309.13
Sub-Transmission	135,544,114 *	0.9663909743218	0.0000613620032 =	8,037.72
Backbone Transmission	254,468,784 *	0.9609070980828 *	0.0000613620032 =	15,004.30
Total Texas Retail Economy & Emergency	Sales Margin Credit	(Excluding Asarco)	_	\$ 66,654.12
Asarco	12,844,872 *	0.9609070980828 *	0.0000613620032 =	\$ 757.37
TOTAL TEXAS ECONOMY & EMERGENCY S	SALES MARGIN CR	EDIT (Including Asarco	<b>-</b>	\$ 67,411.49
			· =	
		MARGIN CREDIT	INTEREST	TOTAL
ECONOMY & EMERGENCY SALES MARGIN	CREDIT	interest Rate :	4.39%	
Beginning Cumulative Balance		\$264,697.36	(\$22,534.22)	\$242,163.14
Current Month		67,411.49	951.07	68,362.56
Prior Period Adjustment		0.00	0.00	0.00
Transfer to Over/(Under) Recovery		0.00	0.00	0.00
Ending Cumulative Balance		\$332,108.85	(\$21,583.15)	\$310,525.70
•				

#### SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS DEFERRED FUEL COST REPORT FOR THE MONTH OF AUGUST 2002

Current System Fue	el Factor (¢/kwh):	0.019565		
	ACCOUNT	RECONCILABLE	NON- RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASED F	OWER COSTS			
Fuel Cost:		_		
Fuel	501	\$43,273,475.52		\$43,273,475.52
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	232,837.25		232,837.25
Coal Residual Disposal	50175	126,917.72		126,917.72
Total Fuel Cost		\$43,633,230.49	\$0.00	\$43,633,230.49
Nuclear Fuel Cost	518	\$0.00		\$0.00
Other Fuel Cost	547	824,278.92		824,278.92
Purchased Power Cost	555	8,029,403.39		8,029,403.39
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		\$52,486,912.80	\$0.00	\$52,486,912.80
LESS (from Texas Retail Collections detail):				
Economy & Emergency Sales Cost		\$652,387.34		\$652,387.34
Celanese Direct Assigned Cost		163,238.91		163,238.91
Interruptible Demand Fee		877,820.00		877,820.00
NET SYSTEM COST		\$50,793,466.55	\$0.00	\$50,793,466.55
Texas Retail Allocator (Texas Cost/Total Syst	em)	0.4671241387132		0.4671241387132
TEXAS RETAIL FUEL AND PURCHASED		000 700 054 04	00.00	000 700 074 04
POWER (Including Asarco)		\$23,726,854.31	\$0.00	\$23,726,854.31
		FUEL		
	ACCOUNT	REVENUES	kWh SALES	
TEXAS RETAIL REVENUES & SALES Residential	440	\$5,297,593.81	264,268,971	
Commercial & Industrial	442	15,801,756.33	811,266,840	
Asarco	442	175,645.75	11,263,675	
Street & Highway	444	59,424.37	2,966,247	
Public Authorities	445	642,228.33	32,037,771	
TOTAL TEXAS RETAIL (Including Asarco	)	\$21,976,648.59	1,121,803,504	
		OVER(UNDER)		
		RECOVERY	INTEREST	TOTAL
OVER(UNDER) RECOVERY OF FUEL COS	rs	Interest Rate :	4.39%	101/12
		DE 400 SE4 S4	(\$4 047 776 40)	4 044 000 00
Beginning Cumulative Balance		\$6,129,664.64	(\$1,917,776.42)	4,211,888.22
Current Month		(1,695,429.34) 86.06	15,106.89 4 <b>.</b> 27	(1,680,322.45) 90.33
Prior Period Adjustment (1) Transfer from Economy & Emerg Sales		0.00	0.00	0.00
Ending Cumulative Balance		\$4,434,321.36	(\$1,902,665.26)	\$2,531,656.10
Litting Cumulative Datance		Ψτ,τυτ,υΣ 1.00	(#1,002,000,20)	ΨΕ,ΟΟ1,ΟΟΟ.10

Revised

## SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT

	FU	EL	COS	ΙR	FPO	RI	
FOR	THE	MO	NTH	OF	AUG	<b>SUST</b>	2002

	TORTHE				
NET SYSTEM FUEL COST					<b>A</b> 4 4 0 4 4
Total Company Fuel Cost					\$44,457,509.41
Plus: Energy Cost of Purchased Power					8,029,403.39
Plus: Transmission of Electricity by Others					0.00
Less: Energy Cost of Economy & Emergend	cy Sales				652,387.34
Less: Celanese Fuel Cost					163,238.91
Less: Interruptible Demand Fee					877,820.00
NET SYSTEM FUEL COST				\$	50,793,466.55
TEXAS RETAIL ALLOCATOR					
Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source		
Secondary 03	644,110,753 *	1.090461 =	702,377,656		
Primary 05	103,148,144 *	1.075571 =	110,943,153		
Sub-Transmission 07	125,547,241 *		129,251,010		
Backbone Transmission 09	237,733,691 *		243,358,232		
Asarco 11	11,263,675 *		11,530,162		
		1.0674420326952			
Total Texas Retail kWh Sales @ Source	1,121,803,504	1.0074420320932	1,197,460,213		
T + 1 A   11   14   0   1   14   15   0   1   - 0   0   0					
Total Applicable Company kWh Sales @ Sou	irce		0.070.000.000		
Total Company kWh			2,272,302,000		
Plus: Purchased Power kWh			344,350,169		
Less: Economy & Emergency Sales kWh			25,554,345		
Less: Economy & Emergency Sales kWh Le	osses		996,619		
Less: Celanese kWh			26,628,000		
Total Applicable Company kWh Sales @ \$	Source		2,563,473,205		<del></del>
TEXAS RETAIL ALLOCATOR					0.4671241387132
TEXAS RETAIL ACTUAL FUEL COST FACT	OR				
Texas Retail Applicable Fuel Cost				\$	23,726,854.31
Texas Retail kWh Billed					1,121,803,504
TEXAS RETAIL ACTUAL FUEL COST FA	CTOD				0.0211506330848
I EXACILE ACTUAL TOLL COULTY	CIOR				0.0211000330040
PEANS RETAIL ASTORET SEE SOST 17	CIOR			===	0.0211300330046
		VERY			0.0211000300840
TEXAS RETAIL (EXCLUDING ASARCO) OV	ER/(UNDER) RECO	VERY		<b>-7:-</b>	
	ER/(UNDER) RECO	VERY			\$21,801,002.84
TEXAS RETAIL (EXCLUDING ASARCO) OV	ER/(UNDER) RECO	VERY	ACTUAL FUEL		
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco	'ER/(UNDER) RECO o)	LOSS	ACTUAL FUEL COST FACTOR		
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost	ER/(UNDER) RECO	LOSS MULTIPLIER	COST FACTOR	·= •	\$21,801,002.84
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary	ER/(UNDER) RECO	LOSS MULTIPLIER 1.0215646064140 *	COST FACTOR 0.0211506330848		\$21,801,002.84 13,917,132.39
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary	ER/(UNDER) RECO  kWh BILLED  644,110,753 103,148,144	LOSS MULTIPLIER 1.0215646064140 * 1.0076153711919 •	0.0211506330848 0.0211506330848	•	\$21,801,002.84 13,917,132.39 2,198,262.62
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission	ER/(UNDER) RECO  by  kWh BILLED  644,110,753 * 103,148,144 * 125,547,241 *	LOSS MULTIPLIER 1.0215646064140 * 1.0076153711919 • 0.9644561188963 *	COST FACTOR 0.0211506330848 0.0211506330848 0.0211506330848	=	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	ER/(UNDER) RECO  kWh BILLED  644,110,753 103,148,144	LOSS MULTIPLIER 1.0215646064140 * 1.0076153711919 •	0.0211506330848 0.0211506330848	=	\$21,801,002.84 13,917,132.39 2,198,262.62
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	ER/(UNDER) RECO b) <u>kWh BILLED</u> 644,110,753 103,148,144 125,547,241 237,733,691	LOSS MULTIPLIER 1.0215646064140 * 1.0076153711919 • 0.9644561188963 *	COST FACTOR 0.0211506330848 0.0211506330848 0.0211506330848	=	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	ER/(UNDER) RECO  by  kWh BILLED  644,110,753 * 103,148,144 * 125,547,241 *	LOSS MULTIPLIER 1.0215646064140 * 1.0076153711919 • 0.9644561188963 *	COST FACTOR 0.0211506330848 0.0211506330848 0.0211506330848	=	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)	ER/(UNDER) RECO  kWh BILLED  644,110,753 103,148,144 125,547,241 237,733,691  1,110,539,829	LOSS MULTIPLIER 1.0215646064140 * 1.0076153711919 • 0.9644561188963 * 0.9589832221759 *	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848	=\$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	ER/(UNDER) RECO  kWh BILLED  644,110,753 103,148,144 125,547,241 237,733,691  1,110,539,829	LOSS MULTIPLIER 1.0215646064140 * 1.0076153711919 • 0.9644561188963 * 0.9589832221759 *	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848	=	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	ER/(UNDER) RECO    kWh BILLED     644,110,753 * 103,148,144 * 125,547,241 * 237,733,691 * 1,110,539,829     ST (EXCLUDING ASA	LOSS MULTIPLIER 1.0215646064140 * 1.0076153711919 * 0.9644561188963 * 0.9589832221759 *	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848	=\$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	ER/(UNDER) RECO    kWh BILLED     644,110,753 * 103,148,144 * 125,547,241 * 237,733,691 * 1,110,539,829     ST (EXCLUDING ASA	LOSS MULTIPLIER 1.0215646064140 * 1.0076153711919 • 0.9644561188963 * 0.9589832221759 *	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848	=\$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	ER/(UNDER) RECO    kWh BILLED     644,110,753 * 103,148,144 * 125,547,241 * 237,733,691 * 1,110,539,829     ST (EXCLUDING ASA	LOSS MULTIPLIER 1.0215646064140 * 1.0076153711919 * 0.9644561188963 * 0.9589832221759 * ARCO) CURRENT MOI	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848	=\$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	ER/(UNDER) RECO    kWh BILLED     644,110,753 * 103,148,144 * 125,547,241 * 237,733,691 * 1,110,539,829     ST (EXCLUDING ASA	LOSS MULTIPLIER 1.0215646064140 * 1.0076153711919 * 0.9644561188963 * 0.9589832221759 *	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848  NTH  #11  ACTUAL FUEL	=\$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22)
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST	ER/(UNDER) RECO    kWh BILLED     644,110,753 * 103,148,144 * 125,547,241 * 237,733,691 * 1,110,539,829     ST (EXCLUDING ASA	LOSS MULTIPLIER 1.0215646064140 * 1.0076153711919 * 0.9644561188963 * 0.9589832221759 * ARCO) CURRENT MOI	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848	=\$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22)
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  System Coal Cost	ER/(UNDER) RECO    kWh BILLED     644,110,753 * 103,148,144 * 125,547,241 * 237,733,691 * 1,110,539,829     ST (EXCLUDING ASA	LOSS MULTIPLIER  1.0215646064140 * 1.0076153711919 * 0.9644561188963 * 0.9589832221759 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22) \$0.015420
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX  System Coal Cost  Texas Retail Backbone Transmission Rate	ER/(UNDER) RECO    kWh BILLED	LOSS MULTIPLIER  1.0215646064140 * 1.0076153711919 * 0.9644561188963 * 0.9589832221759 *  ARCO) CURRENT MOI  COST ADJUSTMENT LOSS	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848  NTH  #11  ACTUAL FUEL	\$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22) \$0.015420 \$0.020283
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  System Coal Cost	ER/(UNDER) RECO    kWh BILLED	LOSS MULTIPLIER  1.0215646064140 * 1.0076153711919 * 0.9644561188963 * 0.9589832221759 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22) \$0.015420
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission	ER/(UNDER) RECO    kWh BILLED	LOSS MULTIPLIER  1.0215646064140 * 1.0076153711919 * 0.9644561188963 * 0.9589832221759 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22) \$0.015420 \$0.020283 \$0.015420
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COST  TEX  System Coal Cost  Texas Retail Backbone Transmission Rate	ER/(UNDER) RECO    kWh BILLED	LOSS MULTIPLIER  1.0215646064140 * 1.0076153711919 * 0.9644561188963 * 0.9589832221759 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22) \$0.015420 \$0.020283
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Asarco kWh Billed	ER/(UNDER) RECO    kWh BILLED	LOSS MULTIPLIER  1.0215646064140 * 1.0076153711919 * 0.9644561188963 * 0.9589832221759 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22) \$0.015420 \$0.020283 \$0.015420 11,263,675
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Asarco kWh Billed Asarco Fuel Revenue	ER/(UNDER) RECO b)  kWh BILLED 644,110,753 * 103,148,144 * 125,547,241 * 237,733,691 * 1,110,539,829  ST (EXCLUDING ASA KAS ASARCO FUEL	LOSS MULTIPLIER  1.0215646064140 * 1.0076153711919 * 0.9644561188963 * 0.9589832221759 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22) \$0.015420 \$0.020283 \$0.015420 11,263,675 175,645.75
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	ER/(UNDER) RECO (b)    KWh BILLED	LOSS MULTIPLIER  1.0215646064140 * 1.0076153711919 • 0.9644561188963 * 0.9589832221759 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9589832221759 *	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22) \$0.015420 \$0.020283 \$0.015420 11,263,675 175,645.75 173,685.87
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Asarco kWh Billed Asarco Fuel Revenue	ER/(UNDER) RECO (b)    KWh BILLED	LOSS MULTIPLIER  1.0215646064140 * 1.0076153711919 • 0.9644561188963 * 0.9589832221759 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9589832221759 *	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22) \$0.015420 \$0.020283 \$0.015420 11,263,675 175,645.75
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEXAS Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF F	ER/(UNDER) RECO  (b)  (c)  (c)  (d)  (d)  (d)  (d)  (d)  (d	LOSS MULTIPLIER  1.0215646064140 * 1.0076153711919 • 0.9644561188963 * 0.9589832221759 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9589832221759 *	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848  NTH  #11  ACTUAL FUEL COST FACTOR	=	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22) \$0.015420 \$0.020283 \$0.015420 11,263,675 175,645.75 173,685.87 1,959.88
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEXAS Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate The Lesser of System C	ER/(UNDER) RECO    KWh BILLED	LOSS MULTIPLIER  1.0215646064140 * 1.0076153711919 • 0.9644561188963 * 0.9589832221759 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9589832221759 *	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$ \$	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22) \$0.015420 \$0.020283 \$0.015420 11,263,675 175,645.75 173,685.87 1,959.88 21,976,648.59
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEXAS Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Transmission Rate Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF F	ER/(UNDER) RECO    KWh BILLED	LOSS MULTIPLIER  1.0215646064140 * 1.0076153711919 • 0.9644561188963 * 0.9589832221759 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9589832221759 *	COST FACTOR  0.0211506330848 0.0211506330848 0.0211506330848 0.0211506330848  NTH  #11  ACTUAL FUEL COST FACTOR	=	\$21,801,002.84 13,917,132.39 2,198,262.62 2,561,020.28 4,821,976.77 23,498,392.06 (1,697,389.22) \$0.015420 \$0.020283 \$0.015420 11,263,675 175,645.75 173,685.87 1,959.88

## SOUTHWESTERN PUBLIC SERVICE COMPANY ECONOMY & EMERGENCY SALES MARGIN CREDIT FUEL COST REPORT FOR THE MONTH OF AUGUST 2002

ECONOMY & EMERGENCY SALES	
Economy & Emergency Revenue	\$757,853.31
Economy & Emergency Fuel Cost	652,387.34
Economy & Emergency Transmission Cost	0.00
Economy & Emergency Other Cost of Sales	0.00
Margin (Revenue - Fuel Cost - Transmission Cost - Other Cost of Sales)	\$105,465.97
Total Company Net Margin	\$105,465.97
Texas Retail Allocator	0.4671241387132
Texas Applicable Margin Credit	\$49,265.70
Total Texas Retail kWh Billed K	1,121,803,504
Texas Retail Economy & Emergency Sales Margin Credit Factor = C/K =	\$0.0000439165146
ECONOMY & EMERGENCY SALES LOSS MARGIN CREDIT	
MARGIN CREDIT KWh BILLED MULTIPLIER FACTOR	
Secondary 644,110,753 * 1.0215646064140 * 0.0000439165146 =	28,897.10
Primary 103,148,144 * 1.0076153711919 * 0.0000439165146 =	4,564.40
Sub-Transmission 125,547,241 * 0.9644561188963 * 0.0000439165146 =	5,317.62
Backbone Transmission 237,733,691 * 0.9589832221759 * 0.0000439165146 =	10,012.21
Total Texas Retail Economy & Emergency Sales Margin Credit (Excluding Asarco)	
Asarco 11,263,675 * 0.9589832221759 * 0.0000439165146 = \$	3 474.37
TOTAL TEXAS ECONOMY & EMERGENCY SALES MARGIN CREDIT (Including Asarco)	49,265.70
TOTAL TEXAS ECONOMY & EMERGENCY SALES MARGIN CREDIT (Including Asarco)	49,203.70
MARGIN	
CREDITINTEREST	TOTAL
ECONOMY & EMERGENCY SALES MARGIN CREDIT Interest Rate: 4.39%	
0. 1. 1. 0. 1. 1. 0. Dula con (0.04 ED2 4E)	6240 F25 70
Beginning Cumulative Balance \$332,108.85 (\$21,583.15)	\$310,525.70 50,468.11
Current Month         49,265.70         1,202.41           Prior Period Adjustment         0.00         0.00	0.00
1 1101 Total Talgadation	0.00
Transfer to Over/(Under) Recovery         0.00         0.00           Ending Cumulative Balance         \$381,374.55         (\$20,380.74)	\$360.993.81
Enging Cumulative Balance 3001.074.00 (\$20.007.41	######################################

# SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS DEFERRED FUEL COST REPORT FOR THE MONTH OF SEPTEMBER 2002

Current System	Fuel Factor (¢/kwh):	0.019565	NON	
	ACCOUNT	RECONCILABLE	NON- RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASE				
Fuel Cost:		<del>-</del>		
Fuel	501	\$33,956,834.54		\$33,956,834.54
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	208,535.57		208,535.57
Coal Residual Disposal	50175	101,546.50		101,546.50
Total Fuel Cost		\$34,266,916.61	\$0.00	\$34,266,916.61
Nuclear Fuel Cost	518	\$0.00		\$0.00
Nuclear Fuel Cost Other Fuel Cost	547	212.214.87		212.214.87
Purchased Power Cost	55501	8,740,896.78		8,740,896,78
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST	505	\$43,220,028.26	\$0.00	\$43,220,028.26
LESS (from Texas Retail Collections deta	if):			
Economy & Emergency Sales Cost		\$714,997.03		\$714,997.03
Celanese Direct Assigned Cost		145,208.81		145,208.81
Interruptible Demand Fee		877,820.00		877,820.00
NET SYSTEM COST		\$41,482,002.42	\$0.00	\$41,482,002.42
Texas Retail Allocator (Texas Cost/Total s	Svetem)	0.5675796638022		0.5675796638022
TEXAS RETAIL FUEL AND PURCHASE	) )	0.001.01.00000022		0.00.07.0000002
POWER (Including Asarco)		\$23,544,340.99	\$0.00	\$23,544,340.99
		FUEL		
	ACCOUNT	REVENUES	kWh SALES	
TEXAS RETAIL REVENUES & SALES				
Residential	440	\$5,137,190.00	256,274,092	
Commercial & Industrial	442	15,429,328.48	792,474,433	
Asarco	442	182,331.11	11,534,833	
Street & Highway	444	59,427.78	2,966,526	
Public Authorities	445	726,215.46	36,255,879 1,099,505,763	
TOTAL TEXAS RETAIL (Including Asa	arco)	\$21,534,492.83	1,099,505,763	
		OVER(UNDER)		
		RECOVERY	INTEREST	TOTAL
OVER(UNDER) RECOVERY OF FUEL O	OSTS	Interest Rate :	4.39%	
Designing Computation Delance		\$4,434,321,36	(\$1,902,665.26)	2,531,656.10
Beginning Cumulative Balance		(1,950,079.34)	9,080.35	(1,940,998.99)
Current Month		(1,950,079.34)	9,060.33 41.21	838.33
Prior Period Adjustment (1) Transfer from Economy & Emerg Sales		0.00	0.00	0.00
Ending Cumulative Balance		\$2,485,039.14	(\$1,893,543.70)	\$591,495.44
Ending Cumulative Dalance		Ψ2,400,000.14	(\$1,000,010,10)	<del></del>

<sup>(1)</sup> Prior Surcharge Amounts

## SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT FOR THE MONTH OF SEPTEMBER 2002

	FOR THE N	ION IN OF SEPTEMB	ER 2002		
NET SYSTEM FUEL COST					004 470 404 40
Total Company Fuel Cost					\$34,479,131.48
Plus: Energy Cost of Purchased Power Plus: Transmission of Electricity by Others					8,740,896.78 0.00
Less: Energy Cost of Economy & Emerge					714,997.03
Less: Celanese Fuel Cost	ricy Sales				145,208.81
Less: Interruptible Demand Fee					877,820.00
NET SYSTEM FUEL COST				\$	41,482,002.42
				-	
TEXAS RETAIL ALLOCATOR					
Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source		
Secondary 03	624,637,295	1.090461 =	681,142,609		
Primary 05	102,997,947 *	1.075571 =	110,781,604		
Sub-Transmission 07	120,421,606 *	1.029501 =	123,974,164		
Backbone Transmission 09	239,914,082 *		245,590,209		
Asarco 11	11,534,833 *		11,807,736		
Total Texas Retail kWh Sales @ Source	1,099,505,763	1.0671124807485	1,173,296,322		
Total Andicable Communication Color & Co					
Total Applicable Company kWh Sales @ So Total Company kWh	out Ce		1,806,157,000		
Plus: Purchased Power kWh			321,694,556		
Less: Economy & Emergency Sales kWh			33,724,000		
Less: Economy & Emergency Sales kWh	l neces		1,315,236		
Less: Celanese kWh	L05363		25,620,000		
Total Applicable Company kWh Sales @	Source		2,067,192,320		
TEXAS RETAIL ALLOCATOR	. 000100		2,007,102,020		0.5675796638022
TEXAS RETAIL ACTUAL FUEL COST FAC	TOR				
Texas Retail Applicable Fuel Cost				\$	23,544,340.99
Texas Retail kWh Billed	ACTOR				1,099,505,763
TEXAS RETAIL ACTUAL FUEL COST F	ACTOR				0.0214135676108
TEVAS BETAIL (EVOLLIDING ASABOO)	VEDWINDED) DECO	VEDV			
TEXAS RETAIL (EXCLUDING ASARCO) C		VERY			\$21 352 161 <b>7</b> 2
TEXAS RETAIL (EXCLUDING ASARCO) C Texas Retail Fuel Revenue (Excluding Asar		VERY			\$21,352,161.72
		VERY	ACTUAL FUEL		\$21,352,161.72
			ACTUAL FUEL COST FACTOR		\$21,352,161.72
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost	co)	LOSS		: = \$	\$21,352,161.72 13,668,374.78
Texas Retail Fuel Revenue (Excluding Asar	co) kWh BILLED	LOSS MULTIPLIER 1.0218800919985 *	COST FACTOR		
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary	kWh BILLED 624,637,295	LOSS MULTIPLIER 1.0218800919985 * 1.0079265488916 *	0.0214135676108	=	13,668,374.78
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	kWh BILLED 624,637,295 102,997,947	LOSS MULTIPLIER 1.0218800919985 * 1.0079265488916 *	O.0214135676108 0.0214135676108	=	13,668,374.78 2,223,035.92
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082	LOSS MULTIPLIER 1.0218800919985 * 1.0079265488916 * 0.9647539679021 *	COST FACTOR 0.0214135676108 0.0214135676108 0.0214135676108	= -	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	kWh BILLED 624,637,295 102,997,947 120,421,606	LOSS MULTIPLIER 1.0218800919985 * 1.0079265488916 * 0.9647539679021 *	COST FACTOR 0.0214135676108 0.0214135676108 0.0214135676108	=	13,668,374.78 2,223,035.92 2,487,768.80
Texas Retail Fuel Revenue (Excluding Asar Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930	LOSS MULTIPLIER 1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *	COST FACTOR  0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108	= = = \$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930	LOSS MULTIPLIER 1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *	COST FACTOR  0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108	= -	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64
Texas Retail Fuel Revenue (Excluding Asar Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  DST (EXCLUDING ASA	LOSS MULTIPLIER 1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *	COST FACTOR  0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108	= = = = \$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  DST (EXCLUDING ASA	LOSS MULTIPLIER 1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *	COST FACTOR  0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108	= = = = \$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14
Texas Retail Fuel Revenue (Excluding Asar Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  DST (EXCLUDING ASA	LOSS MULTIPLIER 1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *	COST FACTOR  0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108	= = = = \$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14 (1,955,235.42)
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  DST (EXCLUDING ASA	LOSS MULTIPLIER  1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *  ARCO) CURRENT MOI	COST FACTOR  0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108	= = = = \$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14 (1,955,235.42)
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  DST (EXCLUDING ASA	LOSS MULTIPLIER  1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *  ARCO) CURRENT MOI  COST ADJUSTMENT LOSS	0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 NTH #11 ACTUAL FUEL COST FACTOR	\$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14 (1,955,235.42)
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  OST (EXCLUDING ASA EXAS ASARCO FUEL	LOSS MULTIPLIER  1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 NTH #11 ACTUAL FUEL COST FACTOR	\$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14 (1,955,235.42) \$0.015360
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Texas	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  OST (EXCLUDING ASA EXAS ASARCO FUEL	LOSS MULTIPLIER  1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 NTH #11 ACTUAL FUEL COST FACTOR	\$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14 (1,955,235.42) \$0.015360 \$0.020542 \$0.015360
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  OST (EXCLUDING ASA EXAS ASARCO FUEL	LOSS MULTIPLIER  1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 NTH #11 ACTUAL FUEL COST FACTOR	\$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14 (1,955,235.42) \$0.015360 \$0.020542
Texas Retail Fuel Revenue (Excluding Asar Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T  Asarco kWh Billed	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  OST (EXCLUDING ASA EXAS ASARCO FUEL	LOSS MULTIPLIER  1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 NTH #11 ACTUAL FUEL COST FACTOR	\$ \$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14 (1,955,235.42) \$0.015360 \$0.020542 \$0.015360 11,534,833
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T  Asarco kWh Billed  Asarco Fuel Revenue	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  OST (EXCLUDING ASA EXAS ASARCO FUEL	LOSS MULTIPLIER  1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 NTH #11 ACTUAL FUEL COST FACTOR	\$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14 (1,955,235.42) \$0.015360 \$0.020542 \$0.015360 11,534,833 182,331.11
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  OST (EXCLUDING ASA EXAS ASARCO FUEL fransmission Rate	LOSS MULTIPLIER  1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9592793810096 *	0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 NTH #11 ACTUAL FUEL COST FACTOR	\$ \$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14 (1,955,235.42) \$0.015360 \$0.020542 \$0.015360 11,534,833 182,331.11 177,175.03
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T  Asarco kWh Billed  Asarco Fuel Revenue	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  OST (EXCLUDING ASA EXAS ASARCO FUEL fransmission Rate	LOSS MULTIPLIER  1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9592793810096 *	0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 NTH #11 ACTUAL FUEL COST FACTOR	\$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14 (1,955,235.42) \$0.015360 \$0.020542 \$0.015360 11,534,833 182,331.11
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  OST (EXCLUDING ASA EXAS ASARCO FUEL  Transmission Rate	LOSS MULTIPLIER  1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9592793810096 *	0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 NTH #11 ACTUAL FUEL COST FACTOR	\$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64 23,307,397.14 (1,955,235.42) \$0.015360 \$0.020542 \$0.015360 11,534,833 182,331.11 177,175.03
Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T  Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF  Texas Retail Fuel Revenue (Including Asarc Total Texas Retail Actual Fuel Cost (Including	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  OST (EXCLUDING ASA EXAS ASARCO FUEL  Transmission Rate  FUEL COST CURRE	LOSS MULTIPLIER  1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9592793810096 *	0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 NTH #11 ACTUAL FUEL COST FACTOR	\$ \$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64  23,307,397.14  (1,955,235.42)  \$0.015360  \$0.020542 \$0.015360  11,534,833  182,331.11 177,175.03 5,156.08  21,534,492.83 23,484,572.17
Texas Retail Fuel Revenue (Excluding Asar Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF Texas Retail Fuel Revenue (Including Asarco	kWh BILLED 624,637,295 102,997,947 120,421,606 239,914,082 1,087,970,930  OST (EXCLUDING ASA EXAS ASARCO FUEL  Transmission Rate  FUEL COST CURRE	LOSS MULTIPLIER  1.0218800919985 * 1.0079265488916 * 0.9647539679021 * 0.9592793810096 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9592793810096 *	0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 0.0214135676108 NTH #11 ACTUAL FUEL COST FACTOR	\$ \$	13,668,374.78 2,223,035.92 2,487,768.80 4,928,217.64  23,307,397.14  (1,955,235.42)  \$0.015360  \$0.020542 \$0.015360  11,534,833  182,331.11 177,175.03 5,156.08  21,534,492.83

## SOUTHWESTERN PUBLIC SERVICE COMPANY ECONOMY & EMERGENCY SALES MARGIN CREDIT FUEL COST REPORT FOR THE MONTH OF SEPTEMBER 2002

ECONOMY & EMERGENCY SALES				
Economy & Emergency Revenue				\$912,664.82
Economy & Emergency Fuel Cost				714,997.03
Economy & Emergency Transmission Cost				0.00
Economy & Emergency Other Cost of Sales				0.00
Margin (Revenue - Fuel Cost - Transmission (	Cost - Other Cost of S	Sales)	=	\$197,667.79
Total Company Net Margin				\$197,667.79
Texas Retail Allocator			_	0.5675796638022
Texas Applicable Margin Credit	_C_		_	\$112,192.22
Total Texas Retail kWh Billed	κ		_	1,099,505,763
Texas Retail Economy & Emergency Sales Ma	argin Credit Factor =	C/K ■		\$0.0001020387740
ECONOMY & EMERGENCY SALES		LOSS	MARGIN CREDIT	
MARGIN CREDIT	kWh BILLED	MULTIPLIER	FACTOR	
Secondary	624,637,295	1.0218800919985 *	0.0001020387740 =	65,131.80
Primary	102,997,947 *	1.0079265488916 *	0.0001020387740 =	10,593.09
Sub-Transmission	120,421,606 •	0.9647539679021 *	0.0001020387740 =	11,854.58
Backbone Transmission	239,914,082 *	0.9592793810096 *	0.0001020387740	23,483.68
Total Texas Retail Economy & Emergency	Sales Margin Credit	(Excluding Asarco)	<del>-</del>	\$ 111,063.15
Asarco	11,534,833 *	0.9592793810096 •	0.0001020387740 =	\$ 1,129.07
TOTAL TEXAS ECONOMY & EMERGENCY	SALES MARGIN CRI	EDIT (Including Asarco	- -	\$ 112,192.22
		MARGIN CREDIT	INTEREST	TOTAL
FOOLIGE WAS ENERGENOVICED FOR MARCH	ODEDIT			TOTAL
ECONOMY & EMERGENCY SALES MARGIN	CKEDII	Interest Rate:	4.39%	
Beginning Cumulative Balance		\$381,374.55	(\$20,380.74)	\$360,993.81
Current Month		112,192.22	1,341.39	113,533.61
Prior Period Adjustment		0.00	0.00	0.00
Transfer to Over/(Under) Recovery		0.00	0.00	0.00
Ending Cumulative Balance		\$493,566.77	(\$19,039.35)	\$474,527.42
-				

# SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS DEFERRED FUEL COST REPORT FOR THE MONTH OF OCTOBER 2002

Curre	ent System Fuel Factor (¢/kwh):	0.019565	NON-	
	ACCOUNT	RECONCILABLE	RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND P				
Fuel Cost:				
Fuel	501	\$33,972,531.08		\$33,972,531.08
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	135,561.81		135,561.81
Coal Residual Disposal	50175	169,927.87		169,927.87
Total Fuel Cost		\$34,278,020.76	\$0.00	\$34,278,020.76
	-1-	•		***
Nuclear Fuel Cost	518	\$0.00		\$0.00
Other Fuel Cost	547	106,446.63		106,446.63
Purchased Power Cost	555	10,303,264.86		10,303,264.86
Transmission of Electricity by C	Others 565	0.00	\$0.00	0.00
TOTAL SYSTEM COST		\$44,687,732.25	\$0.00	\$44,687,732.25
LESS (from Texas Retail Collect	ctions detail):			
Economy & Emergency Sales		\$432,530.66		\$432,530.66
Celanese Direct Assigned Co		100,263.70		100,263.70
Interruptible Demand Fee	J31	877,820.00		877,820.00
NET SYSTEM COST		\$43,277,117.89	\$0.00	\$43,277,117.89
NET STSTEM COST		Ψ40,217,117.00	Ψο.σο .	V10,2.11,111.100
Texas Retail Allocator (Texas C	Cost/Total System)	0.4974151948049		0.4974151948049
TEXAS RETAIL FUEL AND PU				
POWER (Including Asarco)		\$21,526,696.03	\$0.00	\$21,526,696.03
		FUEL		
	ACCOUNT	REVENUES	kWh SALES	
TEXAS RETAIL REVENUES &				
Residential	440	\$3,530,959.10	176,146,930	
Commercial & Industrial	442	14,350,459.61	738,092,814	
Asarco	442	177,010.21	11,493,423	
Street & Highway	444	59,444.95	2,967,291	
Public Authorities	445	674,100.79	33,627,731	
TOTAL TEXAS RETAIL (Inc	cluding Asarco)	\$18,791,974.66	962,328,189	
		OVED/UNDED)		
		OVER(UNDER) RECOVERY	INTEREST	TOTAL
		<u> </u>		TOTAL
OVER(UNDER) RECOVERY	DE FUEL COSTS	Interest Rate :	4.39%	
Beginning Cumulative Balance		\$2,485,039.14	(\$1,893,543.70)	591,495.44
Current Month		(2,672,984.33)	2,121.53	(2,670,862.80)
Prior Period Adjustment (1)		49.86	2.43	52.29
Transfer from Economy & Eme	era Sales	0.00	0.00	0.00
Ending Cumulative Balance	ng calor	(\$187,895.33)	(\$1,891,419.74)	(\$2,079,315.07)
Litaling Cumulative Datance		17.3.,1.3.30)		

## SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT FOR THE MONTH OF OCTOBER 2002

NET OVOTEN EUEL COOT	FOR THE	MONTH OF OCTOBER	R 2002		
NET SYSTEM FUEL COST					\$34,384,467.39
Total Company Fuel Cost					
Plus: Energy Cost of Purchased Power					10,303,264.86
Plus: Transmission of Electricity by Others					0.00
Less: Energy Cost of Economy & Emerger	ncy Sales				432,530.66
Less: Celanese Fuel Cost					100,263.70
Less: Interruptible Demand Fee					877,820.00
NET SYSTEM FUEL COST				\$	43,277,117.89
TEXAS RETAIL ALLOCATOR	UNE DUI ED	1 000 EACTOR	MATE CONTRA		
Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source		
Secondary 03	499,732,842 *	1.090461 =	544,939,175		
Primary 05	99,449,074 *	1.075571 =	106,964,540		
Sub-Transmission 07	126,674,526 *	1.029501 =	130,411,551		
Backbone Transmission 09	224,978,324 *	1.023659 =	230,301,086		
Asarco 11	11,493,423 *	1.023659 =	11,765,346		
Total Texas Retail kWh Sales @ Source	962,328,189	1.0644826890803	1,024,381,698		
Total Applicable Company kWh Sales @ So	urce				
Total Company kWh			1,669,768,000		
Plus: Purchased Power kWh			436,232,314		
Less: Economy & Emergency Sales kWh			19,348,000		
Less: Economy & Emergency Sales kWh	Losses		754,572		
Less: Celanese kWh			26,488,000		
Total Applicable Company kWh Sales @	Source		2,059,409,742		
TEXAS RETAIL ALLOCATOR					0.4974151948049
TEXAS RETAIL ACTUAL FUEL COST FAC	TOR			_	
Texas Retail Applicable Fuel Cost				\$	21,526,696.03
Texas Retail kWh Billed					962,328,189
	ACTOD				0.0223693915240
TEXAS RETAIL ACTUAL FUEL COST F	ACTOR				
TEXAS RETAIL (EXCLUDING ASARCO) O	VER/(UNDER) RECO	VERY			
	VER/(UNDER) RECO	VERY			\$18,614,964.45
TEXAS RETAIL (EXCLUDING ASARCO) O	VER/(UNDER) RECO		ACTUAL FUEL		
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar	VER/(UNDER) RECO	LOSS	ACTUAL FUEL		
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar Actual Fuel Cost	VER/(UNDER) RECO <sup>V</sup> co) kWh BILLED	LOSS MULTIPLIER	COST FACTOR		\$18,614,964.45
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar Actual Fuel Cost Secondary	VER/(UNDER) RECOVICO)  kWh BILLED 499,732,842 *	LOSS MULTIPLIER 1.0244046344635 *	COST FACTOR 0.0223693915240		\$18,614,964.45 11,451,532.17
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary	VER/(UNDER) RECOV co) kWh BILLED 499,732,842 * 99,449,074 •	LOSS MULTIPLIER 1.0244046344635 * 1.0104166192964 *	COST FACTOR 0.0223693915240 0.0223693915240	-	\$18,614,964.45 11,451,532.17 2,247,788.23
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission	VER/(UNDER) RECOVIDED    Wh BILLED   499,732,842 * 99,449,074 * 126,674,526 **	LOSS MULTIPLIER 1.0244046344635 * 1.0104166192964 * 0.9671373809653 *	COST FACTOR 0.0223693915240 0.0223693915240 0.0223693915240	=	\$18,614,964.45 11,451,532.17 2,247,788.23 2,740,511.50
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	VER/(UNDER) RECOV co) kWh BILLED 499,732,842 * 99,449,074 •	LOSS MULTIPLIER 1.0244046344635 * 1.0104166192964 *	COST FACTOR 0.0223693915240 0.0223693915240	=	\$18,614,964.45 11,451,532.17 2,247,788.23
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	VER/(UNDER) RECOVICO)  kWh BILLED  499,732,842 * 99,449,074 * 126,674,526 * 224,978,324 *	LOSS MULTIPLIER 1.0244046344635 * 1.0104166192964 * 0.9671373809653 *	COST FACTOR 0.0223693915240 0.0223693915240 0.0223693915240	= = =	\$18,614,964.45 11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	VER/(UNDER) RECOVIDED    Wh BILLED   499,732,842 * 99,449,074 * 126,674,526 **	LOSS MULTIPLIER 1.0244046344635 * 1.0104166192964 * 0.9671373809653 *	COST FACTOR 0.0223693915240 0.0223693915240 0.0223693915240	=	\$18,614,964.45 11,451,532.17 2,247,788.23 2,740,511.50
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)	VER/(UNDER) RECOVICO)  kWh BILLED 499,732,842 * 99,449,074 • 126,674,526 * 224,978,324 • 950,834,766	LOSS MULTIPLIER 1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240 0.0223693915240	= = =	\$18,614,964.45 11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24 21,279,455.14
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	VER/(UNDER) RECOVICO)  kWh BILLED 499,732,842 * 99,449,074 • 126,674,526 * 224,978,324 • 950,834,766	LOSS MULTIPLIER 1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240 0.0223693915240	= = =	\$18,614,964.45 11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO	VER/(UNDER) RECOVER)  **Wh BILLED**  499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  **ST (EXCLUDING ASA)	LOSS MULTIPLIER 1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240 0.0223693915240	= = =	\$18,614,964.45 11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24 21,279,455.14
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO	VER/(UNDER) RECOVICO)  kWh BILLED 499,732,842 * 99,449,074 • 126,674,526 * 224,978,324 • 950,834,766	LOSS MULTIPLIER 1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240 0.0223693915240	= = =	\$18,614,964.45 11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24 21,279,455.14 (2,664,490.69)
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO	VER/(UNDER) RECOVER)  **Wh BILLED**  499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  **ST (EXCLUDING ASA)	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240 0.0223693915240	= = =	\$18,614,964.45 11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24 21,279,455.14
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO	VER/(UNDER) RECOVER)  **Wh BILLED**  499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  **ST (EXCLUDING ASA)	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT LOSS	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL	= = =	\$18,614,964.45 11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24 21,279,455.14 (2,664,490.69)
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO	VER/(UNDER) RECOVER)  **Wh BILLED**  499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  **ST (EXCLUDING ASA)	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL COST FACTOR	= = = 	\$18,614,964.45 11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24 21,279,455.14 (2,664,490.69) \$0.016140
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate	VER/(UNDER) RECOVER)  **Wh BILLED**  499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  OST (EXCLUDING ASA  EXAS ASARCO FUEL	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT LOSS	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL	= = = 	\$18,614,964.45  11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24  21,279,455.14  (2,664,490.69)  \$0.016140
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO	VER/(UNDER) RECOVER)  **Wh BILLED**  499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  OST (EXCLUDING ASA  EXAS ASARCO FUEL	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL COST FACTOR	= = = 	\$18,614,964.45 11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24 21,279,455.14 (2,664,490.69) \$0.016140
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Texas	VER/(UNDER) RECOVER)  **Wh BILLED**  499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  OST (EXCLUDING ASA  EXAS ASARCO FUEL	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL COST FACTOR	= = = 	\$18,614,964.45  11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24  21,279,455.14  (2,664,490.69)  \$0.016140  \$0.021512 \$0.016140
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asar  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate	VER/(UNDER) RECOVER)  **Wh BILLED**  499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  OST (EXCLUDING ASA  EXAS ASARCO FUEL	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL COST FACTOR	= = = 	\$18,614,964.45  11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24  21,279,455.14  (2,664,490.69)  \$0.016140
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T Asarco kWh Billed	VER/(UNDER) RECOVER)  **Wh BILLED**  499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  OST (EXCLUDING ASA  EXAS ASARCO FUEL	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL COST FACTOR	= =	\$18,614,964.45  11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24  21,279,455.14  (2,664,490.69)  \$0.016140  \$0.021512 \$0.016140  11,493,423
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T Asarco kWh Billed  Asarco Fuel Revenue	VER/(UNDER) RECOVER)  **Wh BILLED**  499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  OST (EXCLUDING ASA  EXAS ASARCO FUEL	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL COST FACTOR	= = = 	\$18,614,964.45  11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24  21,279,455.14  (2,664,490.69)  \$0.016140  \$0.021512 \$0.016140  11,493,423 177,010.21
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	VER/(UNDER) RECOVED  **Wh BILLED  **499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  **PST (EXCLUDING ASA  **EXAS ASARCO FUEL  **Iransmission Rate	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9616492691717 *	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$18,614,964.45  11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24  21,279,455.14  (2,664,490.69)  \$0.016140  \$0.021512 \$0.016140  11,493,423 177,010.21 185,503.85
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T Asarco kWh Billed  Asarco Fuel Revenue	VER/(UNDER) RECOVED  **Wh BILLED  **499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  **PST (EXCLUDING ASA  **EXAS ASARCO FUEL  **Iransmission Rate	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9616492691717 *	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL COST FACTOR	= =	\$18,614,964.45  11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24  21,279,455.14  (2,664,490.69)  \$0.016140  \$0.021512 \$0.016140  11,493,423 177,010.21
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF	VER/(UNDER) RECOVERD  **Wh BILLED**  499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  **ST (EXCLUDING ASA**  EXAS ASARCO FUEL*  **Transmission Rate**	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9616492691717 *	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$18,614,964.45  11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24  21,279,455.14  (2,664,490.69)  \$0.016140  \$0.021512 \$0.016140  11,493,423 177,010.21 185,503.85 (8,493.64)
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF Texas Retail Fuel Revenue (Including Asarco	VER/(UNDER) RECOVERD  **Wh BILLED**  499,732,842 **  99,449,074 **  126,674,526 **  224,978,324 **  950,834,766  **PST (EXCLUDING ASA**  EXAS ASARCO FUEL*  **Transmission Rate**  FUEL COST CURRENT  **COST C	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9616492691717 *	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$18,614,964.45  11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24  21,279,455.14  (2,664,490.69)  \$0.016140  \$0.021512 \$0.016140  11,493,423 177,010.21 185,503.85 (8,493.64)  18,791,974.66
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF Texas Retail Fuel Revenue (Including Asarc Total Texas Retail Actual Fuel Cost (Including	WH BILLED  499,732,842 * 99,449,074 * 126,674,526 * 224,978,324 * 950,834,766  PST (EXCLUDING ASA  EXAS ASARCO FUEL  FUEL COST CURREI  100) 1019 Asarco)	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9616492691717 *	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$18,614,964.45  11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24  21,279,455.14  (2,664,490.69)  \$0.016140  \$0.021512 \$0.016140  11,493,423 177,010.21 185,503.85 (8,493.64)  18,791,974.66 21,464,958.99
TEXAS RETAIL (EXCLUDING ASARCO) O Texas Retail Fuel Revenue (Excluding Asarc Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL CO  TE System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas T Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF Texas Retail Fuel Revenue (Including Asarco	WH BILLED  499,732,842 * 99,449,074 * 126,674,526 * 224,978,324 * 950,834,766  PST (EXCLUDING ASA  EXAS ASARCO FUEL  FUEL COST CURREI  100) 1019 Asarco)	LOSS MULTIPLIER  1.0244046344635 * 1.0104166192964 * 0.9671373809653 * 0.9616492691717 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9616492691717 *	COST FACTOR  0.0223693915240 0.0223693915240 0.0223693915240  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$18,614,964.45  11,451,532.17 2,247,788.23 2,740,511.50 4,839,623.24  21,279,455.14  (2,664,490.69)  \$0.016140  \$0.021512 \$0.016140  11,493,423 177,010.21 185,503.85 (8,493.64)  18,791,974.66

## SOUTHWESTERN PUBLIC SERVICE COMPANY ECONOMY & EMERGENCY SALES MARGIN CREDIT FUEL COST REPORT FOR THE MONTH OF OCTOBER 2002

ECONOMY & EMERGENCY SALES  Economy & Emergency Revenue  Economy & Emergency Fuel Cost  Economy & Emergency Transmission Cost  Economy & Emergency Other Cost of Sales  Margin (Revenue - Fuel Cost - Transmission Cost - Oth	er Cost of S	cales)	- -	\$531,512.25 432,530.66 0.00 0.00 \$98,981.59
Total Company Net Margin				\$98,981.59
Texas Retail Allocator			_	0.4974151948049
Texas Applicable Margin Credit  Total Texas Retail kWh Billed	<u> </u>		-	\$49,234.95 962,328,189
Texas Retail Economy & Emergency Sales Margin Cred	dit Factor =	C/K =		\$0.0000511623276
ECONOMY & EMERGENCY SALES MARGIN CREDIT kWh E	BILLED	LOSS MULTIPLIER	MARGIN CREDIT FACTOR	
Secondary 499,	732,842 *	1.0244046344635 *	0.0000511623276 =	26,191,46
	449.074 *	1.0104166192964 *	0.0000511623276 ■	5,141.05
	674,526 *	0.9671373809653 *	0.0000511623276 =	6,267.98
	978,324 •	0.9616492691717 *	0.0000511623276 =	11,068.98
Total Texas Retail Economy & Emergency Sales Ma		(Excluding Asarco)	-	\$ 48,669.47
Asarco 11,	493,423 *	0.9616492691717 *	0.0000511623276 =	\$ 565.48
TOTAL TEXAS ECONOMY & EMERGENCY SALES M	ARGIN CRE	EDIT (Including Asarco	) =	\$ 49,234.95
ECONOMY & EMERGENCY SALES MARGIN CREDIT	·	MARGIN CREDIT Interest Rate :	INTEREST 4.39%	TOTAL
Beginning Cumulative Balance		\$493,566.77	(\$19,039.35)	\$474,527.42
Current Month		49.234.95	1,804.41	51,039.36
Prior Period Adjustment		0.00	0.00	0.00
Transfer to Over/(Under) Recovery		0.00	0.00	0.00
Ending Cumulative Balance		\$542,801.72	(\$17,234.94)	\$525,566.78
withing Continuento Dulletto		**·····		

#### SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS DEFERRED FUEL COST REPORT FOR THE MONTH OF NOVEMBER 2002

Current System F	uel Factor (¢/kwh):	0.019565	NON	
	ACCOUNT	RECONCILABLE	NON- RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASED	POWER COSTS			
Fuel Cost:		<del></del>		
Fuel	501	\$28,728,285.58		\$28,728,285.58
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	249,402.19		249,402.19
Coal Residual Disposal	50175	(27,120.00)		(27,120.00)
Total Fuel Cost		\$28,950,567.77	\$0.00	\$28,950,567.77
Nuclear Fuel Cost	518	\$0.00		\$0.00
Other Fuel Cost	547	334,281,47		334,281.47
Purchased Power Cost	555	17,577,876.81		17,577,876.81
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		\$46,862,726.05	\$0.00	\$46,862,726.05
LESS (from Texas Retail Collections detail):				
Economy & Emergency Sales Cost	•	\$355,052.92		\$355,052.92
Celanese Direct Assigned Cost		159,885.07		159,885.07
Interruptible Demand Fee		877,820.00		877,820.00
NET SYSTEM COST		\$45,469,968.06	\$0.00	\$45,469,968.06
NET STSTEM COST		Ψ43,403,308.00	Ψ0.00	Ψ+3,409,900.00
Texas Retail Allocator (Texas Cost/Total Sy TEXAS RETAIL FUEL AND PURCHASED	stem)	0.4777628269823		0.4777628269823
		#04 702 060 40	\$0.00	£04 700 BCO 4B
POWER (Including Asarco)		\$21,723,860.48	\$0.00	\$21,723,860.48
		FUEL		
	ACCOUNT	REVENUES	kWh SALES	
TEXAS RETAIL REVENUES & SALES				
Residential	440	\$2,940,704.36	146,702,257	
Commercial & Industrial	442	13,482,429.99	693,921,743	
Asarco	442	147,521.81	9,609,915	
Street & Highway	444	59,285.04	2,959,323	
Public Authorities	445	558,463.58	27,859,142	
TOTAL TEXAS RETAIL (Including Asarc	co)	\$17,188,404.78	881,052,380	
		OVER(UNDER)		
		RECOVERY	INTEREST	TOTAL
OVER(UNDER) RECOVERY OF FUEL CO	STS	Interest Rate :	4.39%	, , , , ,
			(B) (B) (1:5 = 1:	(A APP - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
Beginning Cumulative Balance		(\$187,895.33)	(\$1,891,419.74)	(2,079,315.07)
Current Month		(4,464,757.70)	(7,457.93)	(4,472,215.63)
Prior Period Adjustment (1)		(143.76)	(9.43)	(153.19)
Transfer from Economy & Emerg Sales		542,801.72	0.00	542,801.72
Ending Cumulative Balance		(\$4,109,995.07)	(\$1,898,887.10)	(\$6,008,882.17)

# SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT FOR THE MONTH OF NOVEMBER 2002

	FOR THE I	MONTH OF NOVEMBE	R 2002		
NET SYSTEM FUEL COST	<u></u>				
Total Company Fuel Cost					\$29,284,849.24
Plus: Energy Cost of Purchased Power					17,577,876.81
Plus: Transmission of Electricity by Others					0.00
Less: Energy Cost of Economy & Emergent	cy Sales				355,052.92
Less: Celanese Fuel Cost					159,885.07
Less: Interruptible Demand Fee					877,820.00
NET SYSTEM FUEL COST				<u>\$</u>	45,469,968.06
TEVAS DETAIL ALLOCATOR					
TEXAS RETAIL ALLOCATOR Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source		
_					
Secondary 03	437,705,158 *	1.090461 =	477,300,404		
Primary 05	96,861,224 •	1.075571 =	104,181,123		
Sub-Transmission 07	117,426,877 •	1.029501	120,891,087		
Backbone Transmission 09	219,449,206 •	1.023659	224,641,155		
Asarco 11	9,609,915 *	1.023659 =	9,837,276		
Total Texas Retail kWh Sales @ Source	881,052,380	1.0633318367395	936,851,045		
Total Applicable Company kWh Sales @ Sou	rca				
Total Company kWh	100		1,411,901,000		
Plus: Purchased Power kWh			590,731,009		
Less: Economy & Emergency Sales kWh			15,657,000		
Less: Economy & Emergency Sales kWh Lo	necae		610,623		
Less: Celanese kWh	33303		25,452,000		
Total Applicable Company kWh Sales @ S	Source		1,960,912,386		
TEXAS RETAIL ALLOCATOR	Jouroc		1,000,012,000		0.4777628269823
TEXAS RETAIL ALEGOATOR					0.4111020203020
TEXAS RETAIL ACTUAL FUEL COST FACT	OR				
Texas Retail Applicable Fuel Cost				\$	21,723,860.48
Texas Retail kWh Billed					881,052,380
エピン 4 の ひだて 4 川 - 4 のずし 4 し だしだし へんのて に 4	CTOD				0.0246567184740
TEXAS RETAIL ACTUAL FUEL COST FA	CIOR				0.0240007 104740
		(55)			0.0240001104140
TEXAS RETAIL (EXCLUDING ASARCO) OV	ER/(UNDER) RECO	VERY			
	ER/(UNDER) RECO	√ERY		<del>1117</del>	\$17,040,882.97
TEXAS RETAIL (EXCLUDING ASARCO) OV	ER/(UNDER) RECO		ACTUAL FUEL	<del></del>	
TEXAS RETAIL (EXCLUDING ASARCO) OVI Texas Retail Fuel Revenue (Excluding Asarco	ER/(UNDER) RECO	LOSS	ACTUAL FUEL		
TEXAS RETAIL (EXCLUDING ASARCO) OVI Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost	ER/(UNDER) RECO	LOSS MULTIPLIER	COST FACTOR	<u> </u>	\$17,040,882.97
TEXAS RETAIL (EXCLUDING ASARCO) OVI Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary	ER/(UNDER) RECOVENIES	LOSS MULTIPLIER 1.0255133555896 *	0.0246567184740		\$17,040,882.97 11,067,722.50
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary	ER/(UNDER) RECOVENED	LOSS MULTIPLIER 1.0255133555896 * 1.0115102010846 •	0.0246567184740 0.0246567184740	= `	\$17,040,882.97 11,067,722.50 2,415,769.50
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission	ER/(UNDER) RECOVENED	LOSS MULTIPLIER 1.0255133555896 * 1.0115102010846 * 0.9681841212963 *	COST FACTOR 0.0246567184740 0.0246567184740 0.0246567184740	= =	\$17,040,882.97 11,067,722.50 2,415,769.50 2,803,242.98
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	ER/(UNDER) RECOVENED	LOSS MULTIPLIER 1.0255133555896 * 1.0115102010846 •	0.0246567184740 0.0246567184740	= =	\$17,040,882.97 11,067,722.50 2,415,769.50
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	ER/(UNDER) RECOVER 1000000000000000000000000000000000000	LOSS MULTIPLIER 1.0255133555896 * 1.0115102010846 * 0.9681841212963 *	COST FACTOR 0.0246567184740 0.0246567184740 0.0246567184740	= =	\$17,040,882.97 11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	ER/(UNDER) RECOVENED	LOSS MULTIPLIER 1.0255133555896 * 1.0115102010846 * 0.9681841212963 *	COST FACTOR 0.0246567184740 0.0246567184740 0.0246567184740	= = = =	\$17,040,882.97 11,067,722.50 2,415,769.50 2,803,242.98
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	ER/(UNDER) RECOVENED  **ER/(UNDER) RECOVENED  **A37,705,158 ** 96,861,224 ** 117,426,877 ** 219,449,206 **  871,442,465	LOSS MULTIPLIER 1.0255133555896 * 1.0115102010846 * 0.9681841212963 * 0.9626900696765 *	COST FACTOR  0.0246567184740  0.0246567184740  0.0246567184740  0.0246567184740	= = = =	\$17,040,882.97 11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	ER/(UNDER) RECOVER 1000000000000000000000000000000000000	LOSS MULTIPLIER 1.0255133555896 * 1.0115102010846 * 0.9681841212963 * 0.9626900696765 *	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740	\$	\$17,040,882.97 11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09 21,495,752.07
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	ER/(UNDER) RECOVER 1000000000000000000000000000000000000	LOSS MULTIPLIER 1.0255133555896 * 1.0115102010846 * 0.9681841212963 * 0.9626900696765 *	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740	\$	\$17,040,882.97 11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09 21,495,752.07 (4,454,869.10)
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	ER/(UNDER) RECOVER 1000000000000000000000000000000000000	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 * 0.9681841212963 * 0.9626900696765 *  ARCO) CURRENT MONOCOST ADJUSTMENT	COST FACTOR  0.0246567184740  0.0246567184740  0.0246567184740  0.0246567184740	\$	\$17,040,882.97 11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09 21,495,752.07
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	ER/(UNDER) RECOVER 1000000000000000000000000000000000000	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 * 0.9681841212963 * 0.9626900696765 *  ARCO) CURRENT MOR  COST ADJUSTMENT LOSS	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740  NTH  #11  ACTUAL FUEL	\$	\$17,040,882.97 11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09 21,495,752.07 (4,454,869.10)
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost	ER/(UNDER) RECOVER 1000000000000000000000000000000000000	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 * 0.9681841212963 * 0.9626900696765 *  ARCO) CURRENT MONO COST ADJUSTMENT LOSS MULTIPLIER	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$17,040,882.97 11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09 21,495,752.07 (4,454,869.10) \$0.016380
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate	ER/(UNDER) RECOVENIES (UNDER) RE	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 * 0.9681841212963 * 0.9626900696765 *  ARCO) CURRENT MOR  COST ADJUSTMENT LOSS	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740  NTH  #11  ACTUAL FUEL	\$ \$	\$17,040,882.97 11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09 21,495,752.07 (4,454,869.10) \$0.016380 \$0.023737
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost	ER/(UNDER) RECOVENIES (UNDER) RE	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 * 0.9681841212963 * 0.9626900696765 *  ARCO) CURRENT MONO COST ADJUSTMENT LOSS MULTIPLIER	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$17,040,882.97 11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09 21,495,752.07 (4,454,869.10) \$0.016380
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra	ER/(UNDER) RECOVENIES (UNDER) RE	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 * 0.9681841212963 * 0.9626900696765 *  ARCO) CURRENT MONO COST ADJUSTMENT LOSS MULTIPLIER	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$17,040,882.97  11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09  21,495,752.07  (4,454,869.10)  \$0.016380  \$0.023737 \$0.016380
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate	ER/(UNDER) RECOVENIES (UNDER) RE	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 * 0.9681841212963 * 0.9626900696765 *  ARCO) CURRENT MONO COST ADJUSTMENT LOSS MULTIPLIER	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$17,040,882.97 11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09 21,495,752.07 (4,454,869.10) \$0.016380 \$0.023737
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra	ER/(UNDER) RECOVENIES (UNDER) RE	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 * 0.9681841212963 * 0.9626900696765 *  ARCO) CURRENT MONO COST ADJUSTMENT LOSS MULTIPLIER	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$17,040,882.97  11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09  21,495,752.07  (4,454,869.10)  \$0.016380  \$0.023737 \$0.016380
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed	ER/(UNDER) RECOVENIES (UNDER) RE	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 * 0.9681841212963 * 0.9626900696765 *  ARCO) CURRENT MONO COST ADJUSTMENT LOSS MULTIPLIER	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$17,040,882.97  11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09  21,495,752.07  (4,454,869.10)  \$0.016380  \$0.023737 \$0.016380  9,609,915  147,521.81
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed Asarco Fuel Revenue	ER/(UNDER) RECOVED)    Wh BILLED	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 • 0.9681841212963 • 0.9626900696765 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9626900696765 *	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$17,040,882.97 11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09 21,495,752.07 (4,454,869.10) \$0.016380 \$0.023737 \$0.016380 9,609,915
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	ER/(UNDER) RECOVED)    Wh BILLED	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 • 0.9681841212963 • 0.9626900696765 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9626900696765 *	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$17,040,882.97  11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09  21,495,752.07  (4,454,869.10)  \$0.016380  \$0.023737 \$0.016380  9,609,915  147,521.81 157,410.41
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	ER/(UNDER) RECOVER 10)    Wh BILLED     437,705,158   96,861,224   117,426,877   219,449,206   871,442,465   T (EXCLUDING ASACAS ASARCO FUEL   Insmission Rate	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 • 0.9681841212963 • 0.9626900696765 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9626900696765 *	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$17,040,882.97  11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09  21,495,752.07  (4,454,869.10)  \$0.016380  \$0.023737 \$0.016380  9,609,915  147,521.81 157,410.41
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF F	ER/(UNDER) RECOVER 100)    Wh BILLED	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 • 0.9681841212963 • 0.9626900696765 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9626900696765 *	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$17,040,882.97  11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09  21,495,752.07  (4,454,869.10)  \$0.016380  \$0.023737 \$0.016380  9,609,915  147,521.81 157,410.41 (9,888.60)  17,188,404.78 21,653,162.48
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF F Texas Retail Fuel Revenue (Including Asarco)	ER/(UNDER) RECOVER 10)    Wh BILLED	LOSS MULTIPLIER  1.0255133555896 * 1.0115102010846 • 0.9681841212963 • 0.9626900696765 *  ARCO) CURRENT MON  COST ADJUSTMENT  LOSS MULTIPLIER  0.9626900696765 *	COST FACTOR  0.0246567184740 0.0246567184740 0.0246567184740 0.0246567184740  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$17,040,882.97  11,067,722.50 2,415,769.50 2,803,242.98 5,209,017.09  21,495,752.07  (4,454,869.10)  \$0.016380  \$0.023737 \$0.016380  9,609,915  147,521.81 157,410.41 (9,888.60)  17,188,404.78

## SOUTHWESTERN PUBLIC SERVICE COMPANY ECONOMY & EMERGENCY SALES MARGIN CREDIT FUEL COST REPORT FOR THE MONTH OF NOVEMBER 2002

ECONOMY & EMERGENCY SALES				
Economy & Emergency Revenue				\$403,216.00
Economy & Emergency Fuel Cost				355,052.92
Economy & Emergency Transmission Cost				0.00
Economy & Emergency Other Cost of Sales				0.00
Margin (Revenue - Fuel Cost - Transmission Cost -	Other Cost of S	Sales)	=	\$48,163.08
Total Company Net Margin				\$48,163.08
Texas Retail Allocator			_	0.4777628269823
Texas Applicable Margin Credit	_ <u>C</u>		_	\$23,010.53
Total Texas Retail kWh Billed	К			881,052,380
Texas Retail Economy & Emergency Sales Margin C	Credit Factor =	C/K =		\$0.0000261170965
ECONOMY & EMERGENCY SALES		LOSS	MARGIN CREDIT	
MARGIN CREDIT KW	h BILLED	MULTIPLIER	FACTOR	
Secondary 4	37,705,158 *	1.0255133555896 *	0.0000261170965 =	11,723.25
Primary	96,861,224 *	1.0115102010846 *	0.0000261170965 =	2,558.85
	17,426,877 *	0.9681841212963 *	0.0000261170965 =	2,969,27
Backbone Transmission 2	19,449,206 *	0.9626900696765 *	0.0000261170965 =	5.517.54
Total Texas Retail Economy & Emergency Sales		(Excluding Asarco)		\$ 22,768.91
Asarco	9,609,915 *	0.9626900696765 *	0.0000261170965 =	\$ 241.62
TOTAL TEXAS ECONOMY & EMERGENCY SALES	MARGIN CRE	EDIT (including Asarco	) =	\$ 23,010.53
		MARGIN		
		CREDIT	INTEREST	TOTAL
ECONOMY & EMERGENCY SALES MARGIN CRE	DIT	Interest Rate :	4.39%	
Beginning Cumulative Balance		\$542,801.72	(\$17,234.94)	\$525,566.78
Current Month		23,010.53	(34.70)	22,975.83
Prior Period Adjustment		0.00	0.00	0.00
Transfer to Over/(Under) Recovery		(542,801.72)	0.00	(542,801.72)
Ending Cumulative Balance	•	\$23,010.53	(\$17,269.64)	\$5,740.89
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# SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS DEFERRED FUEL COST REPORT FOR THE MONTH OF DECEMBER 2002

Current System F	Fuel Factor (¢/kwh):	0.019565	NON	
	ACCOUNT	RECONCILABLE	NON- RECONCILABLE	TOTAL
TOTAL SYSTEM FUEL AND PURCHASED				
Fuel Cost:		<del></del>		
Fuel	501	\$31,153,879.80		\$31,153,879.80
Thunder Basin	501	0.00		\$0.00
Steam-Other Sources	503	256,782.24		256,782.24
Coal Residual Disposal	50175	205,799.03		205,799.03
Total Fuel Cost		\$31,616,461.07	\$0.00	\$31,616,461.07
Nuclear Fuel Cost	518	\$0.00		\$0.00
Other Fuel Cost	547	199,097.78		199,097.78
Purchased Power Cost	555	17,377,447.33		17,377,447.33
Transmission of Electricity by Others	565	0.00		0.00
TOTAL SYSTEM COST		\$49,193,006.18	\$0.00	\$49,193,006.18
LESS (from Texas Retail Collections detail)	•			
Economy & Emergency Sales Cost	•	\$315,270.93		\$315,270.93
Celanese Direct Assigned Cost		158,048.28		158,048.28
Interruptible Demand Fee		877,820.00		877,820.00
NET SYSTEM COST		\$47,841,866.97	\$0.00	\$47,841,866.97
Texas Retail Allocator (Texas Cost/Total Strexas RETAIL FUEL AND PURCHASED	ystem)	0.5158199565053	-	0.5158199565053
POWER (Including Asarco)		\$24,677,789.74	\$0.00	\$24,677,789.74
		FUEL		
	ACCOUNT	REVENUES	kWh SALES	
TEXAS RETAIL REVENUES & SALES Residential	<del></del> 440	\$3,672,427.87	183,204,752	
Commercial & Industrial	442	15,461,409.79	796,137,464	
Asarco	442	175,916.07	10,883,875	
Street & Highway	444	59,397.40	2,964,934	
Public Authorities	445	555,934.20	27,732,958	
TOTAL TEXAS RETAIL (Including Asar	co)	\$19,925,085.33	1,020,923,983	
		OVER(UNDER)		
		RECOVERY	INTEREST	TOTAL
OVER(UNDER) RECOVERY OF FUEL CO	STS	Interest Rate :	4.39%	
Reginning Cumulative Palance		(\$4,109,995.07)	(\$1,898,887.10)	(6,008,882.17)
Beginning Cumulative Balance Current Month		(4,675,062.41)	(21,552.21)	(4,696,614.62)
Prior Period Adjustment (1)		19.57	1.23	20.80
Transfer from Economy & Emerg Sales		23,010.53	0.00	23.010.53
Ending Cumulative Balance		(\$8,762,027.38)	(\$1,920,438.08)	(\$10,682,465.46)
Filaing Califalative Datation		(40,702,027.00)	(\$1,020,700.00)	(#10,002,400.40)

<sup>(1)</sup> Prior Surcharge Amounts

## SOUTHWESTERN PUBLIC SERVICE COMPANY TEXAS RETAIL FUEL COST REPORT FOR THE MONTH OF DECEMBER 2002

	FOR THE N	MONTH OF DECEMBE	R 2002		
NET SYSTEM FUEL COST					
Total Company Fuel Cost					\$31,815,558.85
Plus: Energy Cost of Purchased Power					17,377,447.33
Plus: Transmission of Electricity by Others					0.00
Less: Energy Cost of Economy & Emergence	y Sales				315,270.93
Less: Celanese Fuel Cost					158,048.28
Less: Interruptible Demand Fee					877,820.00
NET SYSTEM FUEL COST				\$	47,841,866.97
TEXAS RETAIL ALLOCATOR	_				
Total Texas Retail kWh Sales @ Source	kWh BILLED	LOSS FACTOR	kWh @ Source		
Secondary 03	507,513,522 •	1.090461 =	553,423,703		
Primary 05	109,697,634 *	1.075571 =	117,987,594		
Sub-Transmission 07	126,966,842 *	1.029501 =	130,712,491		
Backbone Transmission 09	265,862,110 *	1.023659 =	272,152,142		
Asarco 11	10,883,875 *	1.023659 =	11,141,377		
Total Texas Retail kWh Sales @ Source	1,020,923,983	1.0631715244889	1,085,417,307		
Total Applicable Company kWh Sales @ Sou	rce				
Total Company kWh			1,705,611,000		
Plus: Purchased Power kWh			440,549,062		
Less: Economy & Emergency Sales kWh			15,511,000		
Less: Economy & Emergency Sales kWh Lo	osses		604,929		
Less: Celanese kWh			25,788,000		
Total Applicable Company kWh Sales @ S	Source		2,104,256,133		· · · · · · · · · · · · · · · · · · ·
TEXAS RETAIL ALLOCATOR					0.5158199565053
	00				
TEXAS RETAIL ACTUAL FUEL COST FACT	UR			•	04 677 700 74
Texas Retail Applicable Fuel Cost				\$	24,677,789.74
Texas Retail kWh Billed TEXAS RETAIL ACTUAL FUEL COST FA	CTOD				1,020,923,983
TEXAS RETAIL ACTUAL FUEL COSTEA	CIOR				0.0241720149193
12,710 112 1112 10 10 12 10 22 000 1 1 1					
		<b>455</b> ) (			
TEXAS RETAIL (EXCLUDING ASARCO) OV	ER/(UNDER) RECO	VERY			
	ER/(UNDER) RECO	VERY			\$19,749,169.26
TEXAS RETAIL (EXCLUDING ASARCO) OV	ER/(UNDER) RECO		ACTUAL FUEL		
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco	ER/(UNDER) RECO'	LOSS	ACTUAL FUEL		
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost	ER/(UNDER) RECO' )  kWh BILLED	LOSS MULTIPLIER	COST FACTOR		\$19,749,169.26
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary	ER/(UNDER) RECO ) <u>kWh BILLED</u> 507,513,522	LOSS MULTIPLIER 1.0256679894848 *	COST FACTOR 0.0241720149193		\$19,749,169.26 12,582,509.68
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary	ER/(UNDER) RECOVENED SOT STATES AND SERVICE SOT STATES AND SERVICE SOT SERVICE	LOSS MULTIPLIER 1.0256679894848 * 1.0116627234886 *	COST FACTOR 0.0241720149193 0.0241720149193	=	\$19,749,169.26 12,582,509.68 2,682,537.86
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission	ER/(UNDER) RECOVER 109,697,613,522 109,697,634 126,966,842	LOSS MULTIPLIER 1.0256679894848 * 1.0116627234886 * 0.9683301106987 *	0.0241720149193 0.0241720149193 0.0241720149193	=	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	ER/(UNDER) RECOVENED SOT STATES AND SERVICE SOT STATES AND SERVICE SOT SERVICE	LOSS MULTIPLIER 1.0256679894848 * 1.0116627234886 *	COST FACTOR 0.0241720149193 0.0241720149193	=	\$19,749,169.26 12,582,509.68 2,682,537.86
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	ER/(UNDER) RECOVENED SOLVENED	LOSS MULTIPLIER 1.0256679894848 * 1.0116627234886 * 0.9683301106987 *	0.0241720149193 0.0241720149193 0.0241720149193	= = =	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission	ER/(UNDER) RECOVER 109,697,613,522 109,697,634 126,966,842	LOSS MULTIPLIER 1.0256679894848 * 1.0116627234886 * 0.9683301106987 *	0.0241720149193 0.0241720149193 0.0241720149193	=	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost	ER/(UNDER) RECO  kWh BILLED  507,513,522 * 109,697,634 * 126,966,842 * 265,862,110 *  1,010,040,108	LOSS MULTIPLIER 1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *	COST FACTOR 0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193	= = =	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)	ER/(UNDER) RECO  kWh BILLED  507,513,522 * 109,697,634 * 126,966,842 * 265,862,110 *  1,010,040,108	LOSS MULTIPLIER 1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *	COST FACTOR 0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193	= = 	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	ER/(UNDER) RECOVER 109,697,513,522 * 109,697,634 * 126,966,842 * 265,862,110 * 1,010,040,108  T (EXCLUDING ASA	LOSS MULTIPLIER 1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193	= = 	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	ER/(UNDER) RECOVER 109,697,513,522 * 109,697,634 * 126,966,842 * 265,862,110 * 1,010,040,108  T (EXCLUDING ASA	LOSS MULTIPLIER 1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193	= = 	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74)
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	ER/(UNDER) RECOVER 109,697,513,522 * 109,697,634 * 126,966,842 * 265,862,110 * 1,010,040,108  T (EXCLUDING ASA	LOSS MULTIPLIER 1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 * ARCO) CURRENT MOI	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193	= = 	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS	ER/(UNDER) RECOVER 109,697,513,522 * 109,697,634 * 126,966,842 * 265,862,110 * 1,010,040,108  T (EXCLUDING ASA	LOSS MULTIPLIER  1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193  NTH  #11  ACTUAL FUEL	= = 	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74)
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost	ER/(UNDER) RECOVER 109,697,513,522 * 109,697,634 * 126,966,842 * 265,862,110 * 1,010,040,108  T (EXCLUDING ASA	LOSS MULTIPLIER  1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74) \$0.016140
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate	ER/(UNDER) RECOVENIES (UNDER) RE	LOSS MULTIPLIER  1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193  NTH  #11  ACTUAL FUEL	\$ \$	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74) \$0.016140 \$0.023274
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost	ER/(UNDER) RECOVENIES (UNDER) RE	LOSS MULTIPLIER  1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74) \$0.016140
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra	ER/(UNDER) RECOVENIES (UNDER) RE	LOSS MULTIPLIER  1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74) \$0.016140 \$0.023274 \$0.016140
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco  Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate	ER/(UNDER) RECOVENIES (UNDER) RE	LOSS MULTIPLIER  1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74) \$0.016140 \$0.023274
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra	ER/(UNDER) RECOVENIES (UNDER) RE	LOSS MULTIPLIER  1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74) \$0.016140 \$0.023274 \$0.016140
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed	ER/(UNDER) RECOVENIES (UNDER) RE	LOSS MULTIPLIER  1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74) \$0.016140 \$0.023274 \$0.016140 10,883,875
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed Asarco Fuel Revenue	ER/(UNDER) RECOVER 109)    KWh BILLED	LOSS MULTIPLIER  1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER  0.9628352306483 *	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74) \$0.016140 \$0.023274 \$0.016140 10,883,875 175,916.07
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	ER/(UNDER) RECOVER 109)    KWh BILLED	LOSS MULTIPLIER  1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER  0.9628352306483 *	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74) \$0.016140 \$0.023274 \$0.016140 10,883,875 175,916.07 175,665.74
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost	ER/(UNDER) RECOVER 109)    KWh BILLED	LOSS MULTIPLIER  1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER  0.9628352306483 *	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193  NTH  #11  ACTUAL FUEL COST FACTOR	\$	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74) \$0.016140 \$0.023274 \$0.016140 10,883,875 175,916.07 175,665.74
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF F	ER/(UNDER) RECOVER 109)    KWh BILLED	LOSS MULTIPLIER  1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS  MULTIPLIER  0.9628352306483 *	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$ \$	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74) \$0.016140 \$0.023274 \$0.016140 10,883,875 175,916.07 175,665.74 250.33 19,925,085.33 24,600,147.74
TEXAS RETAIL (EXCLUDING ASARCO) OV Texas Retail Fuel Revenue (Excluding Asarco Actual Fuel Cost Secondary Primary Sub-Transmission Backbone Transmission Total Texas Retail Actual Fuel Cost (Excluding Asarco)  OVER (UNDER) RECOVERY OF FUEL COS  TEX System Coal Cost  Texas Retail Backbone Transmission Rate The Lesser of System Coal Cost or Texas Tra Asarco kWh Billed  Asarco Fuel Revenue Asarco Actual Fuel Cost ASARCO OVER (UNDER) RECOVERY OF F	ER/(UNDER) RECOVER 100)    KWh BILLED	LOSS MULTIPLIER  1.0256679894848 * 1.0116627234886 * 0.9683301106987 * 0.9628352306483 *  ARCO) CURRENT MOI  COST ADJUSTMENT  LOSS MULTIPLIER  0.9628352306483 *	COST FACTOR  0.0241720149193 0.0241720149193 0.0241720149193 0.0241720149193  NTH  #11  ACTUAL FUEL COST FACTOR	\$ \$ \$ \$ \$	\$19,749,169.26 12,582,509.68 2,682,537.86 2,971,848.10 6,187,586.36 24,424,482.00 (4,675,312.74) \$0.016140 \$0.023274 \$0.016140 10,883,875 175,916.07 175,665.74 250.33 19,925,085.33

# SOUTHWESTERN PUBLIC SERVICE COMPANY ECONOMY & EMERGENCY SALES MARGIN CREDIT FUEL COST REPORT FOR THE MONTH OF DECEMBER 2002

ECONOMY & EMERGENCY SALES			
Economy & Emergency Revenue			\$423,459.95
Economy & Emergency Fuel Cost			315,270.93
Economy & Emergency Transmission Cost			0.00
Economy & Emergency Other Cost of Sales		_	0.00
Margin (Revenue - Fuel Cost - Transmission Cost - Other Cost of	Sales)	=	\$108,189.02
Total Company Net Margin			\$108,189.02
Texas Retail Allocator		_	0.5158199565053
Texas Applicable Margin Credit C		_	\$55,806.06
Total Texas Retail kWh Billed K			1,020,923,983
Texas Retail Economy & Emergency Sales Margin Credit Factor	= C/K =		\$0.0000546623068
ECONOMY & EMERGENCY SALES	LOSS	MARGIN CREDIT	
MARGIN CREDIT kWh BILLED	MULTIPLIER	FACTOR	
Secondary 507,513,522	• 1.0256679894848 *	0.0000546623068 =	28,453.94
Primary 109,697,634	* 1.0116627234886 *	0.0000546623068 =	6,066.26
Sub-Transmission 126,966,842	• 0.9683301106987 *	0.0000546623068 =	6,720.50
Backbone Transmission 265,862,110		0.0000546623068 =_	13,992.53
Total Texas Retail Economy & Emergency Sales Margin Credit (Excluding Asarco) \$ 55,233.23			
Asarco 10,883,875	* 0.9628352306483 *	0.0000546623068 =	\$ 572.83
TOTAL TEXAS ECONOMY & EMERGENCY SALES MARGIN CREDIT (Including Asarco) \$ 55,806.06			
	MARGIN		
	CREDIT	INTEREST	TOTAL
ECONOMY & EMERGENCY SALES MARGIN CREDIT	Interest Rate :	4.39%	
Beginning Cumulative Balance	\$23,010.53	(\$17,269.64)	\$5,740.89
Current Month	55,806.06	(35.85)	55,770.21
Prior Period Adjustment	0.00	0.00	0.00
Transfer to Over/(Under) Recovery	(23,010.53)	0.00	(23,010.53)
Ending Cumulative Balance	\$55,806.06	(\$17,305.49)	\$38,500.57