Historical Peak Demand of CPL, WTU, SWEPCO, & SWEPCO-TX

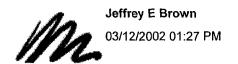
Actual Rec	orded Pea	k Demand	(MW)		Normalized	l Peak Dei	mand (MW	')	
Year	CPL	WTU	SWP	SWP-TX	Year	CPL	WTÙ	SWP	SWP-TX
1996	4,046	1,433	4,018	2,184	1996	3,981	1,410	4,153	2,328
1997	4,232	1,481	4,157	2,286	1997	4,148	1,504	4,239	2,331
1998	4,537	1,591	4,372	2,298	1998	4,325	1,514	4,235	2,328
1999	4,454	1,603	4,463	2,302	1999	4,470	1,555	4,408	2,328
2000	4,623	1,632	4,625	2,429	2000	4,433	1,559	4,474	2,431
2001	4,345	1,566	4,344	2,422	2001	4,384	1,513	4,464	2,437
Actual Con	npound Gr	owth Rates	3		Normalized	l Compour	nd Growth	Rates	
2001-96	1.44%	1.79%	1.57%	2.09%	2001-96	1.95%	1.42%	1.46%	0.92%
Actual Who	olonalo Co	incident De	ok (MMA)		Normalized	I M/halaga	lo Cainoida	ent Dook (RANA A
Year	CPL	WTU	SWP	SWP-TX	Year	CPL	WTU	SWP	SWP-TX
1996	160	412	831	633	1996	160	412	883	674
1997	184	442	842	666	1997	179	449	867	679
1998	201	484	942	743	1998	193	468	915	753
1999	217	487	974	784	1999	217	476	962	793
2000	232	489	1,046	848	2000	222	467	1,012	849
2001	300	447	992	782	2001	302	432	1,012	803
Actual Con	npound Gr	owth Rates	3		Normalized	l Compour	nd Growth	Rates	
2001-96	13.43%	1.67%	3.60%	4.32%	2001-96	13.63%	0.97%	2.91%	3.56%
				4.0					
Actual Pea			•		Normalized				
Year	CPL	WTU	SWP	SWP-TX	Year	CPL	WTU	SWP	SWP-TX
1996 1997	3,886 4,048	1,021 1,039	3,187 3,315	1,551 1,620	1996 1997	3,821 3,969	998 1,056	3,270	1,654
1998	4,336	1,039	3,430	1,555	1998	4,133	1,036	3,372 3,320	1,652 1,575
1999	4,237	1,107	3,489	1,533	1999	4,153	1,040	3,446	1,575
2000	4,237	1,113	3,579	1,516	2000	4,255 4,211	1,079	3,440 3,462	1,582
AWA	4,045	and the second s	3,352	1,640	MANA.	4,081		3,445	1,634
2001	7,070	1,117	3,302	1,040	2001	- ,00,1	1	3,440	1,034
Actual Con	npound Gr	owth Rates	3		Normalized	Compour	nd Growth	Rates	
2001-96	0.81%	1.84%	1.02%	1.12%	2001-96	1.33%	1.60%	1.05%	-0.24%

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 12 of 34

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 13 of 34

Central Power and Light Company
Forecasted Coincident Peak Demand and Energy @ Source by Revenue Class before Passive DSM
Yellow (Sept 2001) Forecast

Σ	k (MW)	0	9	Ξ	Ξ	16	16	16	16	16	17	8
Passive DSM	ales (MWh) Peak (I	0	23,670	38,680	39,179	61,806	63,756	63,194	61,930	64,596	65,783	69,101
/stem	Peak (MW) Sa	4,514	4,646	4,782	4,926	5,069	5,203	5,331	5,481	5,626	5,777	5,922
Total On-System	Sales (MWh) P	23,751,726	24,395,667	25,152,059	25,799,462	26,499,971	27,156,323	27,797,777	28,449,155	29,143,752	29,866,737	30,643,749
	WW)	13	Ψ-	-	-	-	-	-	Ψ-	_	•	+
Wholesale	Sales (MWh) Peak (101,685	30,270	5,053	5,192	5,332	5,476	5,622	5,780	5,945	6,108	6,262
tail	Peak (MW) S	28	59	59	61	61	63	63	65	99	29	89
Other Retail	Sales (MWh) P	680,492	692,880	703,903	715,003	726,629	738,507	750,618	764,138	778,005	791,514	805,077
a	Peak (MW) S	828	853	883	903	924	938	948	961	974	991	1.010
Industrial	ales (MWh)								8,569,498			
ial	eak (MW)	1.204	1.233	1,258	1.291	1,323	1.354	1.383	1.422	1.460	1.498	1.534
Commercial	Sales (MWh) Po	6.410.958	6.568.977	6.720.203	6.875.696	7.041.886	7,213,183	7.386.852	3 7.580,511 1.422	7.785.040	7,987,575	8,195,311
lial	eak (MW) 8	2.412	2.501	2.581	2.671	2.761	2.848	2,936	3.033	3.126	3,220	3,309
Residential	Sales (MWh) Peak (MW)	9.178.415	9.500.580	9.828.942	10.156.132	10,499,427	10.836.974	11 176 050	11 529 227	11 887 163	12 243 271	12,609,635
									5002			



To: Mark P Gilbert/AEPIN@AEPIN, Joseph P Hassink/AEPIN@AEPIN

cc: Pamela D Osterloh/AEPIN@AEPIN, David W Toalson/AEPIN@AEPIN,

Kirk C Schneider/AEPIN@AEPIN

Subject: CPL & WTU system hourly demand data

This is in regards to the need for tracking CPL and WTU hourly load that ceased to exist after June of 2001. PUCT Substantive rule 25.181 requires the use of the utilities weather adjusted annual system peak data that to my knowledge is no longer available. This complements the requirements of the ERCOT ALDR that requires annual energy and seasonal peak demands on a historical and forecast basis. Any assistance or thoughts regarding this continuing data need or in identifying an alternative source for this data would be greatly appreciated.

Below is a section of the PUCT rules.

Substantive Rules - Chapter 25: Subchapter H: §25.181. Energy Efficiency Goal.

- (e) Annual growth in demand and energy efficiency goal. Electric utilities shall meet the minimum mandate of 10% reduction in growth in demand through energy efficiency savings by January 1, 2004. During the transition period, each utility will set interim goals, consistent with approved funding, to provide a reasonable progression toward the 10% goal to be achieved by January 1, 2004. Each utility is required to meet, at a minimum, 5.0% of its growth in demand through energy efficiency by January 1, 2003. Each utility's energy efficiency goal shall be specified as a percent of its historical five-year average rate of growth in demand, calculated as follows:
 - (1) Each year's historical demand growth data shall be adjusted for weather fluctuations, using weather data for the most recent ten years. The utility's growth in demand is based on the average growth in retail load in the Texas portion of the utility's service area, measured at the utility's annual system peak for the immediately preceding five years.
 - (2) The goal for energy-efficiency savings for a year is calculated by applying the percentage goal, prescribed in this subsection, to the average rate of growth in demand, based on the average of the five preceding annual growth rates. The baseline for calculating demand growth shall be reset each year.

(g) Energy efficiency plans.

- (2) Energy efficiency plan. Each electric utility's energy efficiency plan shall describe how the utility intends to achieve the legislative mandate and the requirements of this section. Beginning January 1, 2002, the plan shall be on a calendar year cycle and shall project at least a four-year period. The plan shall propose an annual budget sufficient to reach the 10% legislative goal by January 1, 2004, and annually thereafter. Each electric utility's energy efficiency plan shall include:
 - (A) A projection of the utility's annual growth in demand based on actual historical data calculated using the methodology and corresponding energy and peak demand savings goal to be achieved under the plan, as defined in subsection (e)(2) of this section.

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 14 of 34



To: Billy G Berny/AEPIN@AEPIN

cc: Russell G Bego/AEPIN@AEPIN, Lana L Deville/AEPIN@AEPIN,
Rhonda R Fahrlender/AEPIN@AEPIN, Cynthia A
Juarez/AEPIN@AEPIN, Gary J Throckmorton/AEPIN@AEPIN, Robert
L Cavazos/AEPIN@AEPIN, Richter L Tipton/AEPIN@AEPIN

Subject: When is the goal accomplished -

Billy,

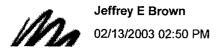
In section 25.181 (e), the rule states "Each utility is required to meet, at a minimum, 5.0% of its growth in demand through energy efficiency by January 1, 2003.

The preamble states, p78 of 182, "The commission agrees with Shell that it has the authority to set interim goals to ensure that utilities meet their legislative mandates, and has revised the rule to clarify that utilities shall have energy efficiency funds in their rates by January 1, 2002." I interpret this to mean that we have money in our rates for all of 2002 to allow us to achieve the goal that is set for January 1, 2003. And likewise for January 1, 2004.

In calculating the goal we have used the peak forecast for 2003 or 2004 to get the goal that we need to meet by January 1 of 2003 or 2004. This is the goal that must be achieved before that peak period. Therefore, we have to work to get that savings/goal the entire previous year.

Pam Osterloh DSM Coordinator (361) 881-5730 - phone (361) 880-6026 - fax pdosterloh@aep.com

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 15 of 34



To: Pamela D Osterloh/AEPIN@AEPIN cc: Mark P Gilbert/AEPIN@AEPIN Subject: 2003 PUCT EEP - Data Requested

Per your request, attached are the 1) 2003 Load Forecast by revenue class and 2) historical, actual and normalized peak demand for the TCC, TNC, SWP, and SWP-Tx. If you have any questions or concerns, please give me a call.





Annual Historical Peaks 2003.x2003 Forecast Peak & Energy by class

Thanks,

Jeff E. Brown
Project Manager, Economic Forecasting
American Electric Power

Voice: 918-594-4208 Fax: 918-594-4409 SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 16 of 34

Historical Peak Demand of AEP-TCC, AEP-TNC, AEP-SWEPCO, & AEP-SWEPCO-TX

1997 4,232 1,481 4,157 2,286 1997 4,148 1,504 4,239 2,331 1998 4,537 1,591 4,372 2,298 1998 4,325 1,514 4,235 2,328 1999 4,454 1,603 4,463 2,302 1999 4,470 1,555 4,408 2,328 2000 4,623 1,632 4,625 2,429 2000 4,433 1,559 4,474 2,431 2001 4,463 1,571 4,475 2,327 2001 4,394 1,519 4,404 2,365 2002 4,412 1,597 4,302 2,282 2002 4,484 1,522 4,346 2,331 Actual Compound Growth Rates Normalized Compound Growth Rates Normalized Wholesale Coincident Peak (MW) Year TCC TNC SWP SWP-TX 1997 184 442 842 666 1997 179 449 867 679 1998 201 484 942 743 1998 193	Actual Reco	orded Peak	Demand	(MW)		Normalized	Peak Den	nand (MW)	
1998	Year	TCC	TNC	SWP	SWP-TX	Year	TCC	TNC	SWP	SWP-TX
1998	1997	4,232	1,481	4,157	2,286	1997	4,148	1,504	4,239	2,331
1999	1998	4,537	1,591		2,298	1998	4,325	1,514	4,235	2,328
2000 4,623 1,632 4,625 2,429 2000 4,433 1,559 4,474 2,431 2001 4,463 1,571 4,475 2,327 2001 4,394 1,519 4,040 2,365 2002 4,412 1,597 4,302 2,282 2002 4,484 1,522 4,346 2,331 Actual Compound Growth Rates 2002-97 0.83% 1,52% 0.69% -0.04% Normalized Compound Growth Rates 2002-97 1,83% 1,52% 0.69% -0.04% Normalized Wholesale Coincident Peak (MW) Year TCC TNC SWP SWP-TX 1997 184 442 842 666 1997 179 449 867 679 1998 201 484 942 743 1998 193 468 915 753 2000 232 489 1,046 848 2000 222 467 1,012 849 2001 300 447	1999	4,454	1,603	4,463	2,302	1999	4,470	1,555	4,408	2,328
2001 4,463 1,571 4,475 2,327 2001 4,394 1,519 4,404 2,365 2002 4,412 1,597 4,302 2,282 2002 4,484 1,522 4,346 2,331 Actual Compound Growth Rates 2002-97 0.83% 1,52% 0.69% -0.04% Normalized Compound Growth Rates 2002-97 1,57% 0.23% 0.50% 0.00% Actual Wholesale Coincident Peak (MW) Year TCC TNC SWP SWP-TX 1997 184 442 842 666 1997 179 449 867 679 1998 201 484 942 743 1998 193 468 915 753 1999 217 487 974 784 1999 217 476 962 793 2001 300 447 992 782 2001 302 432 1,019 803 2002-97 -35.70%	2000	4,623	1,632	4,625	2,429	2000	4,433	1,559	4,474	
2002 4,412 1,597 4,302 2,282 2002 4,484 1,522 4,346 2,331 Actual Compound Growth Rates 2002-97 0.83% 1.52% 0.69% -0.04% 2002-97 1.57% 0.23% 0.50% 0.00% Actual Wholesale Coincident Peak (MW) Normalized Wholesale Coincident Peak (MW) Year TCC TNC SWP SWP-TX 1997 184 442 842 666 1997 179 449 867 679 1998 201 484 942 743 1998 193 468 915 753 1999 217 487 974 784 1999 217 476 962 793 2001 300 447 992 782 2001 302 432 1,019 803 2002 20 490 1,017 792 2002 21 467 1,030 802 Actual Compound Growth Rates <td< td=""><td>2001 🐉</td><td></td><td>OMOGO ON PORTUGUIS AND AND AND AND AND AND AND AND AND AND</td><td></td><td></td><td>2001</td><td></td><td>1,519</td><td></td><td>2,365</td></td<>	2001 🐉		OMOGO ON PORTUGUIS AND			2001		1,519		2,365
Actual Wholesale Coincident Peak (MW) Year TCC TNC SWP SWP-TX 1997 184 442 842 666 1997 179 449 867 679 1998 201 484 942 743 1998 193 468 915 753 1999 217 487 974 784 1999 217 476 962 793 2000 232 489 1,046 848 2000 222 467 1,012 849 2001 300 447 992 782 2001 302 432 1,019 803 2002 20 490 1,017 792 2002 21 467 1,030 802 Actual Compound Growth Rates 2002-97 -35.70% 2.09% 3.85% 3.53% Actual Peak Demand less Wholesale (MW) Year TCC TNC SWP SWP-TX 1997 4,048 1,039 3,315 1,620 1997 3,969 1,056 3,372 1,652 1998 4,336 1,107 3,430 1,555 1998 4,133 1,046 3,320 1,575 1999 4,237 1,116 3,489 1,518 1999 4,253 1,079 3,446 1,535 2000 4,391 1,143 3,579 1,581 2000 4,211 1,092 3,462 1,582 2001 4,163 1,124 3,483 1,545 2001 4,663 1,055 3,316 1,529 2002 4,391 1,1107, 3,285 1,490 2002 4,463 1,055 3,316 1,529	5300n	200	\$1000000000000000000000000000000000000	-		£658.00	4,484	1,522	4,346	•
Actual Wholesale Coincident Peak (MW) Year TCC TNC SWP SWP-TX 1997 184 442 842 666 1997 179 449 867 679 1998 201 484 942 743 1998 193 468 915 753 1999 217 487 974 784 1999 217 476 962 793 2000 232 489 1,046 848 2000 222 467 1,012 849 2001 300 447 992 782 2001 302 432 1,019 803 2002 20 490 1,017 792 2002 21 467 1,030 802 Actual Compound Growth Rates 2002-97 -35.70% 2.09% 3.85% 3.53% Actual Peak Demand less Wholesale (MW) Year TCC TNC SWP SWP-TX 1997 4,048 1,039 3,315 1,620 1997 3,969 1,056 3,372 1,652 1998 4,336 1,107 3,430 1,555 1998 4,133 1,046 3,320 1,575 1999 4,237 1,116 3,489 1,518 1999 4,253 1,079 3,446 1,535 2000 4,391 1,143 3,579 1,581 2000 4,211 1,092 3,462 1,582 2001 4,163 1,124 3,483 1,545 2001 4,663 1,055 3,316 1,529 2002 4,391 1,1107, 3,285 1,490 2002 4,463 1,055 3,316 1,529	Actual Com	pound Gro	wth Rates			Normalized	Compoun	d Growth	Rates	
Year TCC TNC SWP SWP-TX Year TCC TNC SWP SWP-TX 1997 184 442 842 666 1997 179 449 867 679 1998 201 484 942 743 1998 193 468 915 753 1999 217 487 974 784 1999 217 476 962 793 2000 232 489 1,046 848 2000 222 467 1,012 849 2001 300 447 992 782 2001 302 432 1,019 803 2002 20 490 1,017 792 2002 21 467 1,030 802 Actual Compound Growth Rates 2002-97 -35.70% 2.09% 3.85% 3.53% Normalized Compound Growth Rates 2002-97 -35.20% 0.81% 3.51% 3.39% Year		•			-0.04%		•			0.00%
Year TCC TNC SWP SWP-TX Year TCC TNC SWP SWP-TX 1997 184 442 842 666 1997 179 449 867 679 1998 201 484 942 743 1998 193 468 915 753 1999 217 487 974 784 1999 217 476 962 793 2000 232 489 1,046 848 2000 222 467 1,012 849 2001 300 447 992 782 2001 302 432 1,019 803 2002 20 490 1,017 792 2002 21 467 1,030 802 Actual Compound Growth Rates 2002-97 -35.70% 2.09% 3.85% 3.53% Normalized Compound Growth Rates 2002-97 -35.20% 0.81% 3.51% 3.39% Year										
1997 184 442 842 666 1997 179 449 867 679 1998 201 484 942 743 1998 193 468 915 753 1999 217 487 974 784 1999 217 476 962 793 2000 232 489 1,046 848 2000 222 467 1,012 849 2001 300 447 992 782 2001 302 432 1,019 803 2002 20 490 1,017 792 2002 21 467 1,030 802 Actual Compound Growth Rates 2002-97 -35.70% 2.09% 3.85% 3.53% 2002-97 -35.20% 0.81% 3.51% 3.39% Actual Peak Demand less Wholesale (MW) Year TCC TNC SWP SWP-TX 1997 4,048 1,039 3,315 1,620 1997 3,969 1,056 3,372 1,652 1998 4,133 1,046 3,320 1,575 1999 4,237 1,116 3,489 1,518 1999 4,253 1,079 3,462 1,582 2001 4,163 1,143 3,483 1,545 2001 4,163 1,107 3,285 1,490 2002 4,363 1,056 3,316 1,056 3,316 1,529 1,582 2001 4,363 1,056 3,316 1,529 1,582 2002 4,391 1,107 3,28	Actual Who	lesale Coir	ncident Pe	ak (MW)		Normalized	Wholesal	e Coincide	nt Peak (MW)
1998 201 484 942 743 1998 193 468 915 753 1999 217 487 974 784 1999 217 476 962 793 2000 232 489 1,046 848 2000 222 467 1,012 849 2001 300 447 992 782 2001 302 432 1,019 803 2002 20 490 1,017 792 2002 21 467 1,030 802 Actual Compound Growth Rates 2002-97 -35.70% 2.09% 3.85% 3.53% Normalized Compound Growth Rates 2002-97 -35.20% 0.81% 3.51% 3.39% Actual Peak Demand less Wholesale (MW) Year TCC TNC SWP SWP-TX 1997 4,048 1,039 3,315 1,620 1997 3,969 1,056 3,372 1,652 1998	Year	TCC	TNC	SWP	SWP-TX	Year	TCC	TNC	SWP	SWP-TX
1999 217 487 974 784 1999 217 476 962 793 2000 232 489 1,046 848 2000 222 467 1,012 849 2001 300 447 992 782 2001 302 432 1,019 803 2002 20 490 1,017 792 2002 21 467 1,030 802 Actual Compound Growth Rates 2002-97 -35.70% 2.09% 3.85% 3.53% 2002-97 -35.20% 0.81% 3.51% 3.39% Actual Peak Demand less Wholesale (MW) Normalized Compound Growth Rates 2002-97 -35.20% 0.81% 3.51% 3.39% Actual Peak Demand less Wholesale (MW) Year TCC TNC SWP SWP-TX Year TCC TNC SWP SWP-TX 1997 4,048 1,039 3,315 1,620 1997 3,969 1,056 3,372 1,652 1998 4,336 1,107 3,430 1,555 1998 4,133	1997	184	442	842	666	1997	179	449	867	679
2000 232 489 1,046 848 2000 222 467 1,012 849 2001 300 447 992 782 2001 302 432 1,019 803 2002 20 490 1,017 792 2002 21 467 1,030 802 Actual Compound Growth Rates 2002-97 -35.70% 2.09% 3.85% 3.53% Normalized Compound Growth Rates 2002-97 -35.20% 0.81% 3.51% 3.39% Actual Peak Demand less Wholesale (MW) Year TCC TNC SWP SWP-TX 1997 4,048 1,039 3,315 1,620 1997 3,969 1,056 3,372 1,652 1998 4,336 1,107 3,430 1,555 1998 4,133 1,046 3,320 1,575 1999 4,237 1,116 3,489 1,518 1999 4,253 1,079 3,462 1,582 2001 4,163 1,124 3,483 1,545 2001 <td>1998</td> <td>201</td> <td>484</td> <td>942</td> <td>743</td> <td>1998</td> <td>193</td> <td>468</td> <td>915</td> <td>753</td>	1998	201	484	942	743	1998	193	468	915	753
2001 300 447 992 782 2001 302 432 1,019 803 2002 20 490 1,017 792 2002 21 467 1,030 802 Actual Compound Growth Rates 2002-97 -35.70% 2.09% 3.85% 3.53% Normalized Compound Growth Rates 2002-97 -35.20% 0.81% 3.51% 3.39% Actual Peak Demand less Wholesale (MW) Year TCC TNC SWP SWP-TX 1997 4,048 1,039 3,315 1,620 1997 3,969 1,056 3,372 1,652 1998 4,336 1,107 3,430 1,555 1998 4,133 1,046 3,320 1,575 1999 4,237 1,116 3,489 1,518 1999 4,253 1,079 3,446 1,535 2000 4,391 1,143 3,579 1,581 2001 4,092 1,087 3,385 1,562 2001 4,391 1,107 3,285 1,490 2002 4,463 1,055 3,316 1,529	1999	217	487	974	784	1999	217	476	962	793
2002 20 490 1,017 792 2002 21 467 1,030 802 Actual Compound Growth Rates 2002-97 -35.70% 2.09% 3.85% 3.53% Normalized Compound Growth Rates 2002-97 -35.20% 0.81% 3.51% 3.39% Actual Peak Demand less Wholesale (MW) Year TCC TNC SWP SWP-TX 1997 Year TCC TNC SWP SWP-TX 1998 Year TCC TNC SWP SWP-TX 1998 4,336 1,107 3,430 1,555 1998 4,133 1,046 3,320 1,575 1999 4,237 1,116 3,489 1,518 1999 4,253 1,079 3,446 1,535 2000 4,391 1,143 3,579 1,581 2000 4,211 1,092 3,462 1,582 2001 4,163 1,124 3,483 1,545 2001 4,092 1,087 3,385 1,562 2002 4,391 1,107 3,285 1,490 2002 1,463 1,055 3,316 1,529	2000	232	489	1,046	848	2000	222	467	1,012	849
Actual Compound Growth Rates 2002-97 -35.70% 2.09% 3.85% 3.53% 2002-97 -35.20% 0.81% 3.51% 3.39% 2002-97 -35.20% 0.81% 2002-97 -35.20% 0.81% 3.51% 3.39% 2002-97 -35.20% 0.81% 3.51% 3.39% 2002-97 -35.20% 0.81% 3.51% 3.39% 2002-97 -35.20% 0.81% 3.51% 3.39% 2002-97 -35.20% 0.81% 3.51% 3.39% 2002-97 -35.20% 0.81% 2002-97	2001	300	447	992	782	2001	302	432	1,019	803
2002-97 -35.70% 2.09% 3.85% 3.53% 2002-97 -35.20% 0.81% 3.51% 3.39% Actual Peak Demand less Wholesale (MW) Year TCC TNC SWP SWP-TX Year TCC TNC SWP SWP-TX 1997 4,048 1,039 3,315 1,620 1997 3,969 1,056 3,372 1,652 1998 4,336 1,107 3,430 1,555 1998 4,133 1,046 3,320 1,575 1999 4,237 1,116 3,489 1,518 1999 4,253 1,079 3,446 1,535 2000 4,391 1,143 3,579 1,581 2000 4,211 1,092 3,462 1,582 2002 4,391 1,107 3,285 1,490 2002 4,463 1,055 3,316 1,529	2002	20	490	1,017	792	2002	21	467	1,030	802
Actual Peak Demand less Wholesale (MW) Year TCC TNC SWP SWP-TX 1997 4,048 1,039 3,315 1,620 1998 4,336 1,107 3,430 1,555 1999 4,237 1,116 3,489 1,518 2000 4,391 1,143 3,579 1,581 2001 4,163 1,124 3,483 1,545 2002 4,391 1,107 3,285 1,490 Normalized Peak Demand less Wholesale (MW) Year TCC TNC SWP SWP-TX 1997 3,969 1,056 3,372 1,652 1998 4,133 1,046 3,320 1,575 1999 4,253 1,079 3,446 1,535 2000 4,211 1,092 3,462 1,582 2001 4,163 1,124 3,483 1,545 2001 4,092 1,087 3,385 1,562 2002 4,391 1,107 3,285 1,490	Actual Com	pound Gro	owth Rates	;		Normalized	Compour	d Growth	Rates	
Year TCC TNC SWP SWP-TX Year TCC TNC SWP SWP-TX 1997 4,048 1,039 3,315 1,620 1997 3,969 1,056 3,372 1,652 1998 4,336 1,107 3,430 1,555 1998 4,133 1,046 3,320 1,575 1999 4,237 1,116 3,489 1,518 1999 4,253 1,079 3,446 1,535 2000 4,391 1,143 3,579 1,581 2000 4,211 1,092 3,462 1,582 2001 4,163 1,124 3,483 1,545 2001 4,092 1,087 3,385 1,562 2002 4,391 1,107 3,285 1,490 2002 4,463 1,055 3,316 1,529	2002-97	-35.70%	2.09%	3.85%	3.53%	2002-97	-35.20%	0.81%	3.51%	3.39%
Year TCC TNC SWP SWP-TX Year TCC TNC SWP SWP-TX 1997 4,048 1,039 3,315 1,620 1997 3,969 1,056 3,372 1,652 1998 4,336 1,107 3,430 1,555 1998 4,133 1,046 3,320 1,575 1999 4,237 1,116 3,489 1,518 1999 4,253 1,079 3,446 1,535 2000 4,391 1,143 3,579 1,581 2000 4,211 1,092 3,462 1,582 2001 4,163 1,124 3,483 1,545 2001 4,092 1,087 3,385 1,562 2002 4,391 1,107 3,285 1,490 2002 4,463 1,055 3,316 1,529										
1997 4,048 1,039 3,315 1,620 1997 3,969 1,056 3,372 1,652 1998 4,336 1,107 3,430 1,555 1998 4,133 1,046 3,320 1,575 1999 4,237 1,116 3,489 1,518 1999 4,253 1,079 3,446 1,535 2000 4,391 1,143 3,579 1,581 2000 4,211 1,092 3,462 1,582 2001 4,163 1,124 3,483 1,545 2001 4,092 1,087 3,385 1,562 2002 4,391 1,107 3,285 1,490 2002 4,463 1,055 3,316 1,529										
1998 4,336 1,107 3,430 1,555 1998 4,133 1,046 3,320 1,575 1999 4,237 1,116 3,489 1,518 1999 4,253 1,079 3,446 1,535 2000 4,391 1,143 3,579 1,581 2000 4,211 1,092 3,462 1,582 2001 4,163 1,124 3,483 1,545 2001 4,092 1,087 3,385 1,562 2002 4,391 1,107 3,285 1,490 2002 4,463 1,055 3,316 1,529										
1999 4,237 1,116 3,489 1,518 1999 4,253 1,079 3,446 1,535 2000 4,391 1,143 3,579 1,581 2000 4,211 1,092 3,462 1,582 2001 4,163 1,124 3,483 1,545 2001 4,092 1,087 3,385 1,562 2002 4,391 1,107 3,285 1,490 2002 4,463 1,055 3,316 1,529			•	-					•	
2000 4,391 1,143 3,579 1,581 2000 4,211 1,092 3,462 1,582 2001 4,163 1,124 3,483 1,545 2001 4,092 1,087 3,385 1,562 2002 4,391 1,107 3,285 1,490 2002 4,463 1,055 3,316 1,529								•		
2001 4,163 1,124 3,483 1,545 2001 4,092 1,087 3,385 1,562 2002 4,391 1,107 3,285 1,490 2002 4,463 1,055 3,316 1,529			•							
2002 4,391 1,107, 3,285 1,490 2002 4,463 1,055 3,316 1,529	CON-					- trans				
	880	The second second second second		•	•	8000			•	•
Actual Compound Growth Rates Normalized Compound Growth Rates	2002	4,397 🦠	* 1,10 <i>1</i> *	3,285	1,490	2002	4,463	1,050	3,316	1,529
· ·	Actual Com	pound Gro	owth Rates			Normalized	Compour	d Growth		. = 101

Notes:

2002-97

1.64%

1.27%

-0.18%

2002-97

Data is consistent with ERCOT 4 CP values in PUC Docket No. 25002.

-1.66%

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 17 of 34

-0.02%

2.38%

-1.54%

-0.33%

^{1) 2001} TCC and TNC peak data is estimated due to Texas retail competition effective 7-31-02.

^{2) 2002} TCC and TNC peak data is derived from the ERCOT 4 CP 15-minute interval values in PUC Docket No. 26950.

AEP - Texas Central Company
Forecasted Coincident Peak Demand and Energy @ Source by Revenue Class before Passive DSM
2003 Load Forecast (Tan book)

(MW	ď	, ;	: ;	7 7	<u>-</u> 6	23	15	15	<u>+</u>	. t) t	Ω	16
Passive DSM Sales (MWh) Peak (MW		45 591	47,342	41,042	00,000	30,922	61,362	59.716	60.805	50,000	6.0.00	200,00	64,774
\$		4 717	4 858	000,4	4,903	241,0	5,289	5.452	5.601	5,753	200	100,0	6,075
Total On-System Sales (MWh) Peak (N	23.133.209	23 937 535	24 535 693	25,000,000	25,100,304	004,706,62	26,759,423	27,509,069	28.241.458	28 973 805	20,216,000	770,017,62	30,538,077
K (MIVV)		, ec	e er	∀ (•	•	4	4	4	. 4		•	4
Wholesale Sales (MWh) Peal	44.688	20,576	21.287	21 986	22,602	200,22	23,453	24,263	25.089	25,905	26 730	50,100	27,643
(MW)	17	18	18	÷ 5	5	5 6	2	19	20	20	2	2	21
Other Retai Sales (MWh) Peak	205,624	211,170	215,118	219,016	222 847	2001	CO / O77	230,924	235,004	238.872	242 689		247,216
trial Peak (MW)	635	652	099	9/9	703	733	771	742	758	775	790		808
Indus Sales (MWh)	5,707,321	5,880,233	5,926,545	6.070.098	6.315,700	6 508 080	600,000,0	6,670,902	6,817,514	6,966,408	7.113.220	10000	7,263,907
ı rcial Peak (MW)	1,478	1,527	1,574	1,617	1,657	1 606	2	1,744	1,789	1,833	1,874		1,929
70		8,202,807											
ntial Peak (MW) (2,427	2,516	2,603	2,668	2,760	2 848		2,943	3,030	3,120	3,205	0 040	5,5,5
Residential Sales (MWh) Peak (MW) S	9,260,891	9,622,750	9,941,885	10,193,294	10,547,658	10.892.694	44 DOF 404	11,230,491	11,5/4,208	11,917,528	12,269,862	12 658 663	14,000,000
Year	2003	2004	2002	2006	2007	2008	0000	2009	0107	2011	2012	2013	200

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 18 of 34

> AEP - Economic Foreasting 1/12/2004 i\.\reghuct energy eff2003\2003 Forecast Peak & Energy by class.xls.xls: TCC

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 19 of 34

Central Power and Light Company Forecasted Coincident Peak Demand and Energy @ Source by Revenue Class Purple Forecast

/stem	Peak (MW)	4,469	4,382	4,501	4,427	4,540	4,654	4,772	4,915	5,065	5,251	5,411
٠,		24,180	23,577	23,861	23,727	24,220	24,902	25,615	26,392	27,178	27,981	28,812
	_		208	225	32	0	0	0	0	0	0	0
Wholesale	Sales (gWh)	1,125	1,199	930	220	32	4	4	4	ß	ω	2
Retail	Peak (MW)	29	73	71	72	73	74	79	80	77	78	80
Other Retail	Sales (gWh)	609	631	641	651	099	699	989	069	700	711	723
	k (MW)		1,055	1,021	1,054	1.093	1.111	1,159	1,191	1,186	1.243	1,275
Industrial	sales (c	8.611	7.357	7,413	7,574	7.767	7,971	8,165	8,390	8,599	8,826	9,045
ercial	(MW)	1.170	1,256	1.234	1,265	1,309	1,340	1 443	1,485	1.450	1,501	1,541
Commercial	Sales (qWh)	5.759										7,590
ntial	Peak (MW)	1 803	1 790	1,949	2,00,0	2,065	2,000	2,000	2,201	2,352	2,430	2,517
Residential	Sales (aWh)	8.076	8,474	8 766	9,138	0,000	0,002	0,0 0,0	10,002	10,666	11 042	11,449
			2000	2002	2002	2002	2000	2004	2002	2002	2000	2009



Jeffrey E Brown

03/14/2001 01:47 PM

To: Pamela D Osterloh/AEPIN@AEPIN

cc: Joe M Harris/AEPIN@AEPIN

Subject: Re: Tues call follow-up

Here it is! I have included the 2000 wholesale values thus creating the 2000 system retail actuals and normals. Let me know if you have questions.



Annual Historical Peaks.x

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 20 of 34

Pamela D Osterloh



Pamela D Osterloh

03/06/2001 09:31 AM

To: Jeffrey E Brown/AEPIN@AEPIN cc: Joe M Harris/AEPIN@AEPIN Subject: Re: Tues call follow-up

Thanks.

Pam Osterloh DSM Coordinator AEP Regulatory Services - West (361) 881-5730 - phone (361) 880-6026 - fax pdosterloh@aep.com Jeffrey E Brown



Jeffrey E Brown

03/06/2001 09:30 AM

To: Pamela D Osterloh/AEPIN@AEPIN

cc: Joe M Harris/AEPIN@AEPIN

Subject: Re: Tues call follow-up

Early next week.

Pamela D Osterloh



Pamela D Osterloh

03/05/2001 03:11 PM

To: Jeffrey E Brown/AEPIN@AEPIN cc: Joe M Harris/AEPIN@AEPIN

Subject: Re: Tues call follow-up

How soon can you get them? How about this Friday?

Pam Osterloh DSM Coordinator AEP Regulatory Services - West (361) 881-5730 - phone (361) 880-6026 - fax pdosterloh@aep.com Jeffrey E Brown



Jeffrey E Brown

03/05/2001 03:04 PM

To: Pamela D Osterloh/AEPIN@AEPIN

cc: Joe M Harris/AEPIN@AEPIN

Subject: Re: Tues call follow-up

Yes and no, respectively. When do you need the normalized peak demand less wholesale?

Pamela D Osterloh



Pamela D Osterloh

03/05/2001 02:54 PM

To: Jeffrey E Brown/AEPIN@AEPIN

CC

Subject: Re: Tues call follow-up

Thanks for the info. But for the Actual Annual Peaks that have been weather normalized, I used the Normalized Peak Demand less Wholesale. Could I get that information? Is it available quickly? Thanks.

Pam Osterloh DSM Coordinator AEP Regulatory Services - West (361) 881-5730 - phone (361) 880-6026 - fax pdosterloh@aep.com Jeffrey E Brown

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 21 of 34



Jeffrey E Brown

03/01/2001 02:50 PM

To: Pamela D Osterloh/AEPIN@AEPIN

cc: Joe M Harris/AEPIN@AEPIN, Russell G Bego/AEPIN@AEPIN, Mark P

Gilbert/AEPIN@AEPIN

Subject: Re: Tues call follow-up

Attached is the latest normalization and forecast information (your into the "orange" forecast vintage now). With regard to the 2000 normalization, we didn't breakout the wholesale and retail demand in this years analysis. If you need these separate, please let me know as soon as possible due to the time to retrieve all the needed info. I also include our peak tables that show the peak demand to native load responsibility. Let me know how we can be of further assistance. Thanks,







Forecast Peak & Energy by class. Annual Historical Peaks.x pktabls0010.xls

Jeff E. Brown Project Manager, Economic Forecasting American Electric Power

Voice: 918-594-4208 Fax: 918-594-4409

Pamela D Osterloh



Pamela D Osterloh 02/28/2001 01:52 PM To: Jeffrey E Brown/AEPIN@AEPIN

cc: Joe M Harris/AEPIN@AEPIN, Russell G Bego/AEPIN@AEPIN



Subject: Re: Tues call follow-up

Go ahead and send me the 2000 peak normalized data. I am attaching the file from last year, if you can just add 2000 to it that would be great.



Annual Historical Peaks.x

I will send you the forecast too. I think it was labeled the "purple" forecast.



Forecast Peaks by class.x

We are in the process of preparing our report now. Our preliminary numbers are due on Mar. 7. If I could get the new forecast from you on Mar 5, that would be good.

Thanks for your help.

Pam Osterloh DSM Coordinator AEP Regulatory Services - West (361) 881-5730 - phone (361) 880-6026 - fax pdosterloh@aep.com Jeffrey E Brown SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 22 of 34



Jeffrey E Brown

02/27/2001 12:45 PM

To: Pamela D Osterloh/AEPIN@AEPIN

cc: Joe M Harris/AEPIN@AEPIN
Subject: Re: Tues call follow-up

Pam, we have the 2000 peak normalization completed. Can you provide me with the peak forecast numbers you used last year so we can remain consistent in the level of forecast you need (e.g., generation, distribution, or transmission level load forecast?). Finally, since Feb 1 has pasted, what is your timeline? Thanks.

Pamela D Osterloh



Pamela D Osterioh

01/24/2001 04:17 PM

To: Jeffrey E Brown/AEPIN@AEPIN

cc: Russell G Bego/AEPIN@AEPIN

Subject: Tues call follow-up

Jeff,

This is a follow-up to our phone conversation on Tuesday. We will need information from you to complete the Annual Energy Efficiency Report and Plan required by the PUCT. These filings are due to be filed on April 1. We will need the following information:

Weather-normalized actual peak data for year 2000.

The most current forecast that you are using in your filings. We will use this to make new calculations
of the company's annual DSM goal as prescribed by the substantive rules. The numbers we calculate

will be used in our April Filings.

We would like to get this data by Feb 1 if possible.

You had asked me about any DSM programs in the PSO area so that you could respond to the request from the OCC. At this time there are no programs in Oklahoma therefore no data recorded.

Pam Osterloh DSM Coordinator AEP Regulatory Services - West (361) 881-5730 - phone (361) 880-6026 - fax pdosterloh@aep.com

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 23 of 34

Historical Peak Demand of CPL, WTU, SWEPCO, & SWEPCO-TX

Actual Rec	orded Pea	k Demand	(MW)		Normalized	Peak Der	nand (MW	')	
Year	CPL	WTU	`SWP	SWP-TX	Year	CPL	WTÙ	SWP	SWP-TX
1995	3,862	1,435	3,932	2,166	1995	3,890	1,384	3,885	2,328
1996	4,046	1,433	4,018	2,184	1996	3,981	1,410	4,153	2,328
1997	4,232	1,481	4,157	2,286	1997	4,148	1,504	4,239	2,331
1998	4,537	1,591	4,372	2,298	1998	4,325	1,514	4,235	2,328
1999	4,454	1,603	4,463	2,302	1999	4,470	1,555	4,408	2,328
2000	4,623	1,632	4,625	2,429	2000	4,433	1,559	4,474	2,431
Actual Con	npound Gr	owth Rates	6		Normalized	Compour	nd Growth	Rates	
2000-95	3.66%	2.61%	3.30%	2.32%	2000-95	2.65%	2.41%	2.86%	0.87%
					51 - 22 - 1	180 1. 1			.
Actual Who			, ,		Normalized			,	•
Year	CPL	WTU	SWP	SWP-TX	Year	CPL	WTU	SWP	SWP-TX
1995	150	409	757	621	1995	151	394	748	667
1996	163	414	831	633	1996	161	415	883	674
1997	184	440	842	666	1997	180	453 470	867	679
1998	197	483	942	743	1998	190	472	915	753
1999	216	483	974	784	1999	217	469	962	793
2000	243	507	1,046	848	2000	233	484	1,012	849
Actual Con	npound Gr	owth Rates	S		Normalized	Compour	nd Growth	Rates	
2000-95	10.14%	4.39%	6.69%	6.45%	2000-95	9.07%	4.19%	6.24%	4.94%
Actual Pea					Normalized				•
Year	CPL	WTU	SWP	SWP-TX	Year	CPL	WTU	SWP	SWP-TX
1995	3,712	1,026	3,175	1,545	1995	3,739	989	3,137	1,661
1996	3,883	1,019	3,187	1,551	1996	3,820	995	3,270	1,654
1997	4,048	1,041	3,315	1,620	1997	3,968	1,051	3,372	1,652
1998	4,340	1,108	3,430	1,555	1998	4,135	1,042	3,320	1,575
1999	4,238	1,120	3,489	1,518	1999	4,253	1,087	3,446	1,535
2000	4,380	1,125	3,579	1,581	2000	4,200	1,075	3,462	1,582
Actual Con	npound Gr	owth Rates	3		Normalized	Compour	nd Growth	Rates	
2000-95	3.36%	1.86%	2.42%	0.45%	2000-95	2.35%	1.67%	1.99%	-0.97%`

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 24 of 34



To: Pamela D Osterloh/AEPIN@AEPIN

cc: Joe M Harris/AEPIN@AEPIN, Russell G Bego/AEPIN@AEPIN, Mark P

Gilbert/AEPIN@AEPIN_

Subject: Re: Tues call follow-up

Attached is the latest normalization and forecast information (your into the "orange" forecast vintage now). With regard to the 2000 normalization, we didn't breakout the wholesale and retail demand in this years analysis. If you need these separate, please let me know as soon as possible due to the time to retrieve all the needed info. I also include our peak tables that show the peak demand to native load responsibility. Let me know how we can be of further assistance. Thanks,







Forecast Peak & Energy by class. Annual Historical Peaks.x pktabls0010.xls

Jeff E. Brown Project Manager, Economic Forecasting American Electric Power Voice: 918-594-4208

Voice: 918-594-4208 Fax: 918-594-4409

Pamela D Osterloh



Pamela D Osterloh

02/28/2001 01:52 PM

To: Jeffrev E Brown/AEPIN@AEPIN

cc: Joe M Harris/AEPIN@AEPIN, Russell G Bego/AEPIN@AEPIN

Subject: Re: Tues call follow-up

Go ahead and send me the 2000 peak normalized data. I am attaching the file from last year, if you can just add 2000 to it that would be great.



Annual Historical Peaks.x

I will send you the forecast too. I think it was labeled the "purple" forecast.



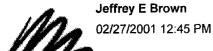
Forecast Peaks by class.x

We are in the process of preparing our report now. Our preliminary numbers are due on Mar. 7. If I could get the new forecast from you on Mar 5, that would be good.

Thanks for your help.

Pam Osterloh DSM Coordinator AEP Regulatory Services - West (361) 881-5730 - phone (361) 880-6026 - fax pdosterloh@aep.com SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 25 of 34

Jeffrey E Brown



To: Pamela D Osterloh/AEPIN@AEPIN cc: Joe M Harris/AEPIN@AEPIN

Subject: Re: Tues call follow-up

Pam, we have the 2000 peak normalization completed. Can you provide me with the peak forecast numbers you used last year so we can remain consistent in the level of forecast you need (e.g., generation, distribution, or transmission level load forecast?). Finally, since Feb 1 has pasted, what is your timeline? Thanks.

Pamela D Osterloh



Pamela D Osterioh

To: Jeffrev E Brown/AEPIN@AEPIN cc: Russell G Bego/AEPIN@AEPIN

Subject: Tues call follow-up

Jeff,

This is a follow-up to our phone conversation on Tuesday. We will need information from you to complete the Annual Energy Efficiency Report and Plan required by the PUCT. These filings are due to be filed on April 1. We will need the following information:

- Weather-normalized actual peak data for year 2000.
- The most current forecast that you are using in your filings. We will use this to make new calculations of the company's annual DSM goal as prescribed by the substantive rules. The numbers we calculate will be used in our April Filings.

We would like to get this data by Feb 1 if possible.

You had asked me about any DSM programs in the PSO area so that you could respond to the request from the OCC. At this time there are no programs in Oklahoma therefore no data recorded.

Pam Osterloh **DSM Coordinator** AEP Regulatory Services - West (361) 881-5730 - phone (361) 880-6026 - fax pdosterloh@aep.com

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 26 of 34

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 27 of 34

Central Power and Light Company
Forecasted Coincident Peak Demand and Energy @ Source by Revenue Class
Orange (August 2000) Forecast

System	Dook /M///	ומשע (ואואא)	4.530	7 772	7/1,4	4,5/6	7 603	2,000,	4 841	070	0/0,4	5 103		5,221	5 266	5	5 497	5	5,633
Total On-System	Color (d//h)	cares (gvvII)	23.948	23 044	10,00	24,446	25 097	10,00	25.790	38 486	20,400	27 155	110	27,845	28 534	100,04	20 22	11111	29,910
ales	Deak (MM)		215	25	3 7	-	•	-	_	•	-	•			•		•	•	-
Wholesale	Sales (n/Mh)	(1146) 65150	006	203	3 6	3	4		S	ע	ס	2	L	ი	ĸ)	ιΩ	•	သ
Retail	(MM)	٠.	ઈ	77	. 6	0	80	3	<u></u>	83	3	8	90	8	87		စ္ဆ		91
Other Retail	Sales (dWh)	710	50	664	677		069		703	716)	730	7.43	2	756	. 1	769	1	782
itrial	Peak (MW)	100	200,	1.089	1 1 1 3	2	1.135		1,103	1.188		1,211	1 232	1,404	1.260		1,284	0.0	1,310
Industrial	Sales (qWh)	7 270	0,0,0	7,547	7716		7,885	0	9,004	8.223	1 0	8,392	8 562	30,0	8,731	000	8,900	000	890's
ercial	Peak (MW)	1 268	00,	1,410	1 452		1,491	4 500	000'-	1,581		1,622	1 659	9 1	1,706	110	1,/48	7 107	1,791
Commercial	Sales (gWh)	A 258	2,5	6,452	6.645		6,838	7 020	700,7	7,225	1	7,418	7.612		C08'/	1	088'	0 404	0,0
ential	Peak (MW)	1 807	2	1,871	1.931		1,988	2 050	6,00	2,124	7 401	2,100	2.243		2,312	3 275	2,070	277	7,4
Residential	Sales (gWh)	8 761) [9,078	9,378	010	0,0	0 007	0 0	10,297	10.610	0,00	10,924	77 001	152,11	44 550	200.	11 862	200,
		2001	000	2002	2003	7000	4004	2005		2006	2007	7007	2008		2003	2010	2	2077	- 2

Historical Peak Demand of CPL, WTU, SWEPCO, & SWEPCO-TX

Actual Rec	Actual Recorded Peak Demand (MW) Normalized Peak Demand (MW)								
Year	CPL	WTU	SWP	SWP-TX	Year	CPL	WTÙ	SWP	SWP-TX
1995	3,862	1,435	3,932	2,166	1995	3,890	1,384	3,885	2,328
1996	4,046	1,433	4,018	2,184	1996	3,981	1,410	4,153	2,328
1997	4,232	1,481	4,157	2,286	1997	4,148	1,504	4,239	2,331
1998	4,537	1,591	4,372	2,298	1998	4,325	1,514	4,235	2,328
1999	4,454	1,603	4,463	2,302	1999	4,470	1,555	4,408	2,328
2000	4,623	1,632	4,625	2,429	2000	4,433	1,559	4,474	2,431
Actual Con	npound Gr	owth Rate	S		Normalized	Compou	nd Growth	Rates	
2000-95	3.66%	2.61%	3.30%	2.32%	2000-95	2.65%	2.41%	2.86%	0.87%
Actual Who	olesale Co	incident Pe	eak (MW)		Normalized	Wholesa	le Coincide	ent Peak (MW)
Year	CPL	WTU	SWP	SWP-TX	Year	CPL	WTU	SWP	SWP-TX
1995	150	409	757	621	1995	151	394	748	667
1996	163	414	831	633	1996	161	415	883	674
1997	184	440	842	666	1997	180	453	867	679
1998	197	483	942	743	1998	190	472	915	753
1999	216	483	974	784	1999	217	469	962	793
2000					2000				
Actual Con	•				Normalized	•			
2000-95 -	100.00% -	-100.00% -	·100.00%	-100.00%	2000-95 -	100.00% -	100.00% -	·100.00%	-100.00%
Actual Pea	k Domana	Llace Who	localo (Mi		Normalized	Dook Do	mand lace	\//holooo	o (84) A/)
Year	CPL	WTU	SWP	SWP-TX	Year	CPL	WTU	SWP	SWP-TX
1995	3,712	1,026	3,175	1,545	1995	3,739	989	3,137	1,661
1996	3,883	1,019	3,187	1,551	1996	3,820	995	3,270	1,654
1997	4,048	1,041	3,315	1,620	1997	3,968	1,051	3,372	1,652
1998	4,340	1,108	3,430	1,555	1998	4,135	1,042	3,320	1,575
1999	4,238	1,120	3,489	1,518	1999	4,253	1,087	3,446	1,535
2000	•	,	•	•	2000	,	•	•	.,
Actual Com	npound Gr	owth Rate	S		Normalized	Compour	nd Growth	Rates	
2000-95 -	100.00% -	-100.00% -	100.00%	-100.00%	2000-95 -	100.00% -	100.00% -	100.00%	-100.00%

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 28 of 34

CPL Peak Forecast 2001-2010

	Estimated	Forecast								****		
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
1 Connected Peak less Passive DSM	4,454	4,420	4,530	4,667	4,801	4,924	5,078	5,219	5,353	5,476	5,628	5,765
2 Kimble	0	0	0	0	-2	-2	-2	-3	-3	-3	-3	-3
3 Medina	0	0	0	0	-10	-11	-11	-11	-12	-12	-12	-12
4 Magic Valley	0	0	0	-195	-200	-205	-210	-216	-222	-227	-233	-237
5 Robstown	0	0	0	0	-13	-13	-13	-14	-14	-14	-15	-15
8 Wholesale Customers Leaving	0	0	0	-195	-226	-231	-237	-243	-250	-256	-262	-268
13 Industrial Customers Leaving	0	0	0	0	0	0	0	0	0	0	0	0
14 Total Customers Leaving	0	0	0	-195	-226	-231	-237	-243	-250	-256	-262	-268
6 1 Connected Peak after customers leaving	4,454	4,420	4,530	4,472	4,576	4,693	4,841	4,976	5,103	5,221	5,366	5,497
14 Total Customers Resources	0	0	0	0	0	0	0	0	0	0	0	0
F 1 Connected Peak after Customers Leaving & Resources	4,454	4,420	4,530	4,472	4,576	4,693	4,841	4,976	5,103	5,221	5,366	5,497
2 Other Adjustments	0	0	0	0	0	0	0	0	0	0	0	0
E 1 Connected Peak after Customer Adjustments	4,454	4,420	4,530	4,472	4,576	4,693	4,841	4,976	5,103	5,221	5,366	5,497
	ł .											
D 1 Peak Demand before Passive DSM	4,454	4,420	4,533	4,475	4,580	4,701	4,849	4,989	5,117	5,235	5,381	5,513
2 Energy Efficiency Plan	0	0	0	0	-4	-8	-8	-13	-14	-14	-15	-16
3 Std Offer (R/C/I)	0	0	-3	-3								
4 Mkt. Transformation	0	0	0	0								
5 Total Passive DSM	0	0	-3	-3	-4	-8	-8	-13	-14	-14	-15	-16
C 1 Peak Demand	4,454	4,420	4,530	4,472	4,576	4,693	4,841	4,976	5,103	5,221	5,366	5,497
2 Interruptible	-407	-129	-138	-146	-156	-166	-176	-187	-198	-210	-223	-236
3 ValueChoice	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-3	-3
4 Load Co-op	-8	-14	0	0	0	0	0	0	0	0	0	0
5 Total Active DSM	-417	-145	-140	-149	-159	-168	-179	-189	-200	-213	-225	-239
B 1 Firm Demand	4,037	4,275	4,389	4,323	4,417	4,525	4,662	4,787	4,903	5,008	5,141	5,259
4 Total Other Adjustments	0	0	0	0	0	0	0	0	0	0	0	0
A 1 Native Load Responsibility	4,037	4,275	4,389	4,323	4,417	4,525	4,662	4,787	4,903	5,008	5,141	5,259
2 Growth Rate		5,90%	2.67%	-1.50%	2.17%	2.45%	3.03%	2.68%	2.42%	2.14%	2.66%	2.30%

H1	Connected Peak is the sum of all customer loads in the service territory regardless of the source of generation.
H2-H14	Current wholesale and large industrial customers leaving system, but staying in connect peak.
G1	Connected Peak less customers leaving peak demand.
G2-G14	Current large customers with non-CSW sources of generation.
F1	Connected Peak less sum of customers leaving peak demand and with non-CSW sources of generation.
F2	Other adjustments make to connected peak adjustments to calibrate peak demand.
E1	Connected peak after customer adjustments.
D1	Peak demand before passive DSM.
C1	Peak demand is the equivalent of historical reported peak load if no company active DSM is activated.
B1	Firm demand is the sum of all firm customers demand at the time of peak.
B2-B4	Other firm demand adjustments includes diversity and other non-firm customers loads included in peak demand.
A1	Native Load Responsibility of the company.
A2	Year-over-year growth rate of Native Load Responsibility

Description

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 29 of 34

I non adjust.xls
method
PUCT
ForecastGoals
×
2002 AEP

																						2004	10%
																						2003	%9
				-																			
)																
				<u>a</u>									0.9	11.4	11.8	14.0	7.3	15.3	14.9	15.2			
				Annual Goal	(NAINI)								9	11	11	14	22	15	14	15			
			Percent Goal	Requirement	(70)								%9	10%	10%	10%	10%	10%	10%	10%			
			•	Adjusted Peak									119	114	118	140	227	153	149	152			
	on Goals				rorecast (IMVV)								4,620	4,759	4,900	4,965	5,296	5,355	5,479	5,632			
	and Reducti			Rolling	Average								2.65%	2.45%	2.47%	2.90%	4.48%	2.95%	2.80%	2.77%			
	pated Demi			Growth	Rate		3.89%	4.21%	2.84%	-1.25%	-2.83%	10.29%	3.20%		%06.0	2.06%	2.62%	2.46%	2.81%	3.05%			
	CPL's Anticipated Demand Reduction Goals		Historical/	Forecast	reak							4,501		4,782			5,202		5,480	5,626			
						1996	1997	1998	1999	2000	2001	2002	2003	2004	2002	2006	2007	2008	2009	2010			

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 30 of 34

Historical Peak Demand of CPL, WTU, SWEPCO, & SWEPCO-TX

Actual Red Year	orded Pea	k Demand WTU	(MW) SWP	SWP-TX	Normalized Peak Demand (MW) Year CPL WTU SWP SWP-TX
1996	4,046	1,433	4,018	2,184	1996 3,981 1,410 4,153 2,328
1997	4,232	1,481	4,157	2,286	1997 4,148 1,504 4,239 2,331
1998	4,537	1,591	4,372	2,298	1998 4,325 1,514 4,235 2,328
1999	4,454	1,603	4,463	2,302	1999 4,470 1,555 4,408 2,328
2000	4,623	1,632	4,625	2,429	2000 4,433 1,559 4,474 2,431
	4,345		4,344	2,422	2001 4,384 1,513 4,464 2,437
40	***************************************	TO STATE OF THE PARTY OF THE PA			
Actual Cor	•				Normalized Compound Growth Rates
2001-96	1.44%	1.79%	1.57%	2.09%	2001-96 1.95% 1.42% 1.46% 0.92%
Actual Wh	olesale Co	incident Pe	ak (MW)		Normalized Wholesale Coincident Peak (MW)
Year	CPL	WTU	SWP	SWP-TX	Year CPL WTU SWP SWP-TX
1996	160	412	831	633	1996 160 412 883 674
1997	184	442	842	666	1997 179 449 867 679
1998	201	484	942	743	1998 193 468 915 753
1999	217	487	974	784	1999 217 476 962 793
2000	232	489	1,046	848	2000 222 467 1,012 849
2001	300	447	992	782	2001 302 432 1,019 803
Actual Cor	npound Gr	owth Rates	S		Normalized Compound Growth Rates
2001-96	13.43%	1.67%	3.60%	4.32%	2001-96 13.63% 0.97% 2.91% 3.56%
			0.0070		200700 1010070 210770 010070
Actual Pea	k Demano	l less Whol	esale (M\	N)	Normalized Peak Demand less Wholesale (MW)
Year	CPL	WTU	SWP	SWP-TX	Year CPL WTU SWP SWP-TX
1996	3,886	1,021	3,187	1,551	1996 3,821 998 3,270 1,654
1997	4,048	1,039	3,315	1,620	1997 3,969 1,056 3,372 1,652
1998	4,336	1,107	3,430	1,555	1998 4,133 1,046 3,320 1,575
1999	4,237	1,116	3,489	1,518	1999 4,253 1,079 3,446 1,535
2000	4,391	1,143	3,579	1,581	2000 4,211 1,092 3,462 1,582
2001	4,045	1,119	3,352	1,640	2001 4,081 11,081 3,445 1,634
Actual Cor	npound Gr	owth Rates	S		Normalized Compound Growth Rates
2001-96	0.81%	1.84%	1.02%	1.12%	2001-96 1.33% 1.60% 1.05% -0.24%

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 31 of 34

Central Power and Light Company Forecasted Coincident Peak Demand and Energy @ Source by Revenue Class Orange (August 2000) Forecast

		Peak (MW)	4.315	4 447	4.575	4,693	4,840	4,975	5,103	5,220	5,365	5,497	5,633
	Total On	Sales (gWh)	23,049	23.741	24,416	25,093	25,786	26,461	27,150	27,840	28,529	29,217	29,905
	Wholesale	dates (givin) Peak (MW)											
	četail Peak (MM)	(MINA)	હ ¦	//	78	S 2	<u></u>	3 3	\$ 8	1 8	8	8 8	n n
;	Other Retail Sales (dWh) Peak	654	5 6	90 6	2/9	080	716	730	7 20	750	769	782	707
-	IK (MW)		080	7	1,113	1.53	1,188	1211	1 232	1.260	1 284	1310)
Industrial I	Sales (gWh)		7.547	7 7 18	7,885	8,054	8.223	8,392	8,562	8.731	8,900	690.6	•
rcial	Peak (MW)	1,368	1,410	1.452	1.491	1,538	1,581	1,622	1,659	1,706	1,748	1,791	
Commercial	Sales (gWh)	6,258	6,452	6,645	6,838	7,032	7,225	7,418	7,612	7,805	7,998	8,191	
ential	Peak (MW)	1,807	1,871	1,931	1,988	2,059	2,124	2,185	2,243	2,312	2,375	2,441	
Residential	Sales (gWh)	0,00	8/0/8	9,378	6,679	9,997	10,297	10,610	10,924	11,23/	11,550	11,863	
						2002							

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 32 of 34

AEP Tulsa, Economic Foreasting
1/12/2004
AEP TX Peaks by class for DSM Costs.xls.xls. CPL

SOAH Docket No. 473-04-1033 Docket No. 28840 TLSC/Rose's 1st, Q. # 10 Attachment Page 33 of 34

Central Power and Light Company Peak Demand and Energy @ Source by Revenue Class before Passive DSM Yellow (Sept 2001) Forecast	Other Retail Wholesale Total On-System Passive DSM Alv.) Sales (MWh) Sales (MWh) Peak (MWh) </th
Central Power and Light Company Forecasted Coincident Peak Demand and Energy @ Source by Revenue Class befor Yellow (Sept 2001) Forecast	Industrial Other Retail MAVh Peak (MVh Sales (MVh Peak (MVh Sales (MVh Peak (MVh Sales (MVh Peak (MVh Sales (MVh
	Residential Commercial Year Sales (MWh)

SOAH Docket No. 473-04-1033
Docket No. 28840
TLSC/Rose's 1st, Q. # 10
Attachment
Page 34 of 34

																						2004	10%
																						2003	2%
																							,
				Goal	-								5.5	9.3	10.2	14.3	20.1	14.7	15.9	16.0			
		-		t Annual									9,	9,	9,	9,	9,	9	9	9			
			Percent Goal	Requirement Annual Goal	(67)								2%	10%	10%	10%	10%	10%	10%	10%			
				Adjusted Peak	מווומות לווווה								110	93	102	143	201	147	159	160			
	tion Goals			Adjusted									4,573	4,650	4,815	4,997	5,180	5,285	5,444	5,608			
	nand Reduc			Rolling	official								2.46%	2.04%	2.16%	2.95%	4.03%	2.86%	3.01%	2.94%			
	ipated Den			Growth	2002		3.89%	4.21%	2.84%	%66.0-	-2.83%	9.07%	2.11%	3.42%	2.99%	2.58%	3.19%	Ì	3.08%	3.05%			
	CPL's Anticipated Demand Reduction Goals		Historical/	Forecast	- CGN				10.00										5,448	5,597			
					0007	0881	1997	1998	1999	2000	2001	2002	2003	2004	2002	2006	2007	2008	2009	2010			

SOAH DOCKET NO. 473-04-1033 PUC DOCKET NO. 28840

0

APPLICATION OF AEP TEXAS	§	BEFORE THE
CENTRAL COMPANY FOR	§	STATE OFFICE OF
AUTHORITY TO CHANGE RATES	8 8	ADMINISTRATIVE HEARINGS

AEP TEXAS CENTRAL COMPANY'S RESPONSE TO TEXAS LEGAL SERVICES CENTER'S AND TEXAS ROSES' FIRST REQUEST FOR INFORMATION

Question No. 11:

Please describe any and all actions that have been taken by TCC to monitor the quality and performance of EESPs that TCC has contracted with, from 2000 to the present.

Response No. 11:

TCC performs randomly selected inspections of a percentage of sites treated and invoiced by EESPs in order to determine whether those program eligible measures have been installed and are capable of performing their intended function(s). These are the only actions taken by TCC to determine EESP performance on the basis of the specific contractual obligations as set forth in the respective contract agreements between TCC and each EESP. Please see TCC's response to TLSC's and Texas ROSE's First Request For Information, Question No. 3 for additional clarification.

Prepared By: Billy G. Berny Title: Manager, DSM Compliance Sponsored By: Billy G. Berny Title: Manager, DSM Compliance

SOAH DOCKET NO. 473-04-1033 PUC DOCKET NO. 28840

Ω

APPLICATION OF AEP TEXAS	8 §	BEFORE THE
CENTRAL COMPANY FOR	§ §	STATE OFFICE OF
AUTHORITY TO CHANGE RATES	8 §	ADMINISTRATIVE HEARINGS

AEP TEXAS CENTRAL COMPANY'S RESPONSE TO TEXAS LEGAL SERVICES CENTER'S AND TEXAS ROSES' FIRST REQUEST FOR INFORMATION

Question No. 12:

With reference to the Commercial and Industrial SOP (C/I SOP), for each of the program years 2000-2003, please provide by year; the amount budgeted, the amounts obligated, and the amounts unobligated; and a list of projects and obligated expenses by year.

Response No. 12:

The attachment provides the requested information for program years 2002-2003. TCC did not offer the Commercial and Industrial SOP (C/I SOP) in program years 2000 and 2001; therefore there are no corresponding proposed budgets nor savings estimates for those years. The dollar amounts shown for any program year are for that program year only; the amounts are not cumulative from one program year to the next. All projects are named by customer; thus, project names are not provided.

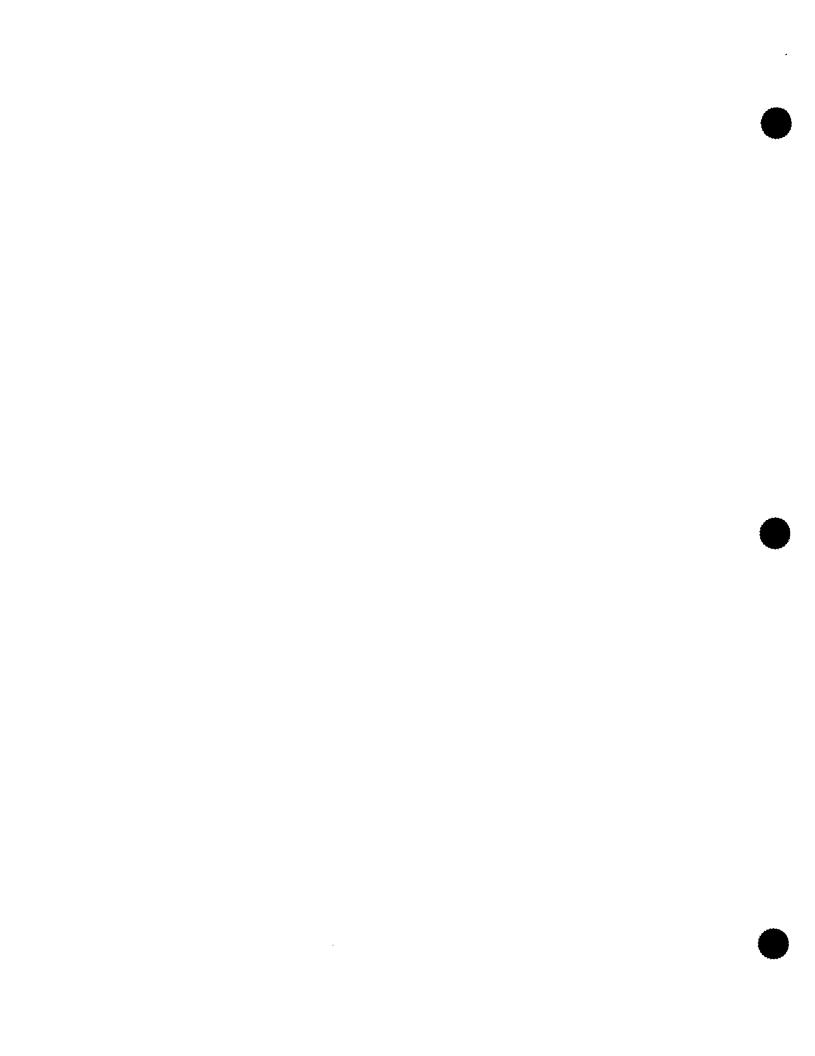
Prepared By: Billy G. Berny Title: Manager, DSM Compliance Sponsored By: Billy G. Berny Title: Manager, DSM Compliance

AEP TCC Commercial and Industrial SOP (C/I SOP)

Program		Incentive Amount									
Year	Budgeted	Obligated (contracted)	Unobligated (not contracted)								
2000	\$0.00	\$0.00	\$0.00								
2001	\$0.00	\$0.00	\$0.00								
2002	\$876,508.00	\$182,358.68	\$694,149.32								
2003	\$2,057,658.00		\$1,202,186.45								

AEP TCC Commercial and Industrial SOP (C/I SOP)

Program	Project	Incentive Amount					
Year	List	Obligated	Paid				
		(contracted)					
2000	N/A	\$0.00	\$0.00				
2001	N/A	\$0.00	\$0.00				
2002		\$182,358.68	\$55,389.73				
	Α	\$41,479.10	\$41,479.10				
	В	\$34,776.58	\$13,910.63				
	С	\$87,961.00	\$0.00				
	Н	\$18,142.00	\$0.00				
2003		\$855,471.55	\$821,999.02				
	В	\$0.00	\$8,243.37				
	С	\$0.00	\$87,961.00				
	D	\$25,873.00	\$25,873.00				
	E	\$68,092.00	\$68,092.00				
	F	\$42,639.00	\$42,639.00				
	G	\$189,273.00	\$142,181.00				
	Н	\$0.00	\$16,806.00				
	1	\$55,939.00	\$45,071.65				
	J	\$283,304.00	\$266,669.00				
	K	\$124,802.00	\$118,463.00				
	L	\$35,601.00	\$0.00				
	M	\$29,948.55	\$0.00				



AEP TCC Commercial and Industrial SOP (C/I SOP)

Program	Incentive Amount									
Year	Budgeted	Obligated (contracted)	Unobligated (not contracted)							
2000	\$0.00	\$0.00	\$0.00							
2001	\$0.00	\$0.00	\$0.00							
2002	\$876,508.00	\$182,358.68	\$694,149.32							
2003	\$2,057,658.00	\$855,471.55	\$1,202,186.45							

AEP TCC Commercial and Industrial SOP (C/I SOP)

Program	Project	Incentive Amount				
Year	List	Obligated	Paid			
		(contracted)				
2000	N/A	\$0.00	\$0.00			
2001	N/A	\$0.00	\$0.00			
2002		\$182,358.68	\$55,389.73			
	Α	\$41,479.10	\$41,479.10			
	В	\$34,776.58	\$13,910.63			
	С	\$87,961.00	\$0.00			
	Н	\$18,142.00	\$0.00			
2003		\$855,471.55	\$821,999.02			
	В	\$0.00	\$8,243.37			
	С	\$0.00	\$87,961.00			
	D	\$25,873.00	\$25,873.00			
	E	\$68,092.00	\$68,092.00			
	F	\$42,639.00	\$42,639.00			
	G	\$189,273.00	\$142,181.00			
	Н	\$0.00	\$16,806.00			
	ı	\$55,939.00	\$45,071.65			
	J	\$283,304.00	\$266,669.00			
	K	\$124,802.00	\$118,463.00			
	L	\$35,601.00	\$0.00			
L	M	\$29,948.55	\$0.00			

PUC DOCKET NO. 28840 SOAH DOCKET NO. 473-04-1033

APPLICATION OF AEP TEXAS	§	BEFORE THE STATE OFFICE
CENTRAL COMPANY FOR	§	OF
AUTHORITY TO CHANGE RATES	§	ADMINISTRATIVE HEARINGS

STATEMENT UNDER SECTION 4 OF PROTECTIVE ORDER DESIGNATING CONFIDENTIAL AND HIGHLY SENSITIVE PROTECTED MATERIALS

Certain materials provided in AEP Texas Central Company's ("TCC") response to Texas Legal Services Center's ("TLSC") and Texas Rose's First Set of Requests for Information, Question No. 7, are highly sensitive protected materials and exempt from public disclosure pursuant to Sections 552.101, 552.104, and 552.110(b) of the Public Information Act ("Act"). Under the Act, information considered to be confidential by law, either constitutional, statutory, or by judicial decision, is excepted from public disclosure. See Tex. Gov't Code Ann. § 552.101 (West Supp. 2004). Commercial or financial information is also excepted from disclosure if its release would give an advantage to a competitor or bidder or cause substantial competitive harm to the person from whom the information was obtained. Tex. Gov't Code Ann. §§ 552.104(a) and 552.110(b).

TLSC and Texas Rose have requested copies of all contracts that TCC has entered into with energy efficiency service providers ("EESP") under the Hard to Reach Standard Offer Program. TCC and the EESPs executed these contracts with the understanding that their terms would be kept confidential. Competitors and potential bidders could use this information in future similar transactions to the competitive disadvantage of TCC and the EESPs. Because public disclosure of this valuable information could cause TCC and EESPs substantial competitive injury, this information is confidential by law, exempt from public disclosure, and should be designated Highly Sensitive Protected Material, consistent with the terms of the Protective Order in this proceeding (Order No. 2). Counsel for TCC has reviewed the information sufficiently to state in good faith that the information is exempt from disclosure under the Public Information Act and merits the protected materials and highly sensitive designation.

Respectfully submitted,

Larry W. Brewer
State Bar No. 02965550
Rhonda Colbert Ryan
State Bar No. 17478800
AMERICAN ELECTRIC POWER COMPANY, INC.
400 West 15th Street, Suite 610
Austin, Texas 78701
(512) 481-3320 – Telephone
(512) 481-4591 – Facsimile

John F. Williams
State Bar No. 21554100
Jeff Tippens
State Bar No. 24009121
CLARK, THOMAS & WINTERS,
A Professional Corporation
300 West 6th Street, 15th Floor
Austin, Texas 78701
(512) 472-8800 – Telephone
(512) 474-1129 – Facsimile

Philip F. Ricketts State Bar No. 16882500 BRACEWELL & PATTERSON, L.L.P. 111 Congress Avenue, Suite 2300 Austin, Texas 78701 (512) 472-7800 – Telephone (512) 472-9123 – Facsimile

By: John F. Williams

ATTORNEYS FOR AEP TEXAS CENTRAL COMPANY

CERTIFICATE OF SERVICE

I certify by my signature below that a true and correct copy of the foregoing has been forwarded to all counsel of record by facsimile on this 20th day of January, 2004

John F. Williams