# AEP Transmission Formula Rate Template Utilizing FERC Form 1 Data For rates effective July 1, 2016

### **SPP Zone 1 Projected AEP Revenue Requirements**

	of 1 Zone 11 Tojected ALI	Nevenue Nequirements	A E D . A	500 4	OWEDGG
Line No.			AEP Annual Revenue Requirement	PSO Annual Revenue Requirement	SWEPCO Revenue Requirement
Δ ΔΕΡΙ	Network Integration Transmission Service (NITS)				
7. <u>ALI 1</u>	REVENUE REQUIREMENT (w/o incentives)	(TCOS Line 1)	246,683,321	\$91,596,170	\$155,087,151
2	LESS: REVENUE CREDITS	(TCOS Line 5)	16,165,289	\$6,818,274	\$9,347,015
3	CURRENT YEAR ZONE 1 AEP NETWORK SERVICE REVENUE REQUIREMENT	(TCOS Line 6)	\$230,518,032	\$84,777,896 36.777%	\$145,740,136 63.223%
4	LESS: REVENUE REQUIREMENTS INCLUDED IN LINE 1 FOR:			33	00.22070
5	BASE PLAN UPGRADES (W/O INCENTIVES)	(TCOS Line 7)	70,531,855	6,774,890	63,756,965
6	REQUESTED UPGRADES (W/O INCENTIVES)	(Worksheet F)	, , , <u>-</u>	, , -	-
7	ECONOMIC UPGRADES (W/O INCENTIVES)	(Worksheet F)	-	-	-
8	SUBTOTAL	,	70,531,855	6,774,890	63,756,965
9	EXISTING ZONAL ATRR (W/O INCENTIVES)	(Line 3- Line 8)	159,986,178	78,003,006	81,983,172
10	INCENTIVE REVENUE REQUIREMENT FOR ZONAL PROJECTS	(TCOS Line 15)	-	-	-
11	EXISTING ZONAL ATRR FOR SPP OATT ATTACHMENT H, SEC. 1, COL. 3	(Ln 9 + Ln 10)	\$159,986,178	\$78,003,006	\$81,983,172
12	2015 Historic AEP West Zone 1 SPP Average 12-Mo. Peak Demand, MW	(Load WS, In 19)	8,211	8,211	8,211
13	AEP Monthly NITS Rate in \$/MW - Month	(Line 11 / Line 12) / 12	\$1,623.70	\$791.65	\$832.05
B. Point	-to-Point Service				
14	Annual Point-to-Point Rate in \$/MW - Year	(Line 11 / Line 12)	\$19,484.37	\$9,499.82	\$9,984.55
15	Monthly Point-to-Point Rate in \$/MW - Month	(Line 14 / 12)	\$1,623.70	\$791.65	\$832.05
16	Weekly Point-to-Point Rate in \$/MW - Weekly	(Line 14 / 52)	\$374.70	\$182.69	\$192.01
17	Daily On-Peak Point-to-Point Rate in \$/MW - Day	(Line 14 / 260)	\$74.94	\$36.54	\$38.40
18	Daily Off-Peak Point-to-Point Rate in \$/MW - Day	(Line 14 / 365)	\$53.38	\$26.03	\$27.35
19	Hourly On-Peak Point-to-Point Rate in \$/MW - Hour	(Line 14 / 4160)	\$4.68	\$2.28	\$2.40
20	Hourly Off-Peak Point-to-Point Rate in \$/MW - Hour	(Line 14 / 8760)	\$2.22	\$1.08	\$1.14

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**SWEPCO Annual** 

**PSO Annual** 

## AEP Transmission Formula Rate Template Utilizing FERC Form 1 Data For rates effective July 1, 2016

### **SPP SCHEDULE 1 AEP Revenue Requirements**

**AEP Annual** 

	Line No.			Revenue Requirement	Revenue Requirement	Revenue Requirement
A.	<b>Schedule</b> 1  2  3  4	Total Load Dispatch & Scheduling (Account 561) (TCOS Line 77) Less: Load Dispatch - Scheduling, System Control and Dispatch Services (321.88.b) Less: Load Dispatch - Reliability, Planning & Standards Development Services (321.92.b) Total 561 Internally Developed Costs	(Line 1 - Line 2 - Line 3)	\$30,698,829 \$22,154,223 \$2,120,246 \$6,424,360	\$15,009,855 \$11,043,371 \$1,054,895 \$2,911,589	\$15,688,974 \$11,110,852 \$1,065,351 \$3,512,771
	5	Less: PTP Service Credit (prior year Sched 1 revenue from PTP transactions)		487,415	\$229,827	\$257,588
	6	PROJECTED ZONAL ARR FOR 2016	(Line 4 - Line 5)	\$5,936,945	\$2,681,762	\$3,255,183
В.	Schedule 7	e 1 Projected 7/1/2016 Rate Calculations 2015 Historic AEP West Zone SPP Average 12-Mo. Peak Demand	(Load WS, In 19)	8,211.00 M	45.171% W	54.829%
	8 9 10 11 12	Annual Point-to-Point Rate in \$/MW - Year Monthly Point-to-Point Rate (ln 8 / 12) \$/MW - Month Weekly Point-to-Point Rate (ln 8 / 52) \$/MW - Weekly Daily Off-Peak Point-to-Point Rate (ln 8 / 365) \$/MW - Day Hourly Off-Peak Point-to-Point Rate (ln 8 / 8760) \$/MW - Hour	(Line 6 / Line 7) (Line 8 / 12) (Line 8 / 52) (Line 8 / 365) (Line 8 / 8760)	\$723.05 \$60.25 \$13.90 \$1.98 \$0.08		

#### AEP Transmission Formula Rate Template Calculation of True-Up Rate For Schedule 9 For Calendar Year 2015

### SPP Zone 1 Trued-Up AEP Revenue Requirements (if such had been effective)

Line No.			AEP Annual Revenue Requirement	PSO Annual Revenue Requirement	SWEPCO Annual Revenue Requirement
A. Netwo	ork Service				
1	TRUE-UP YEAR 2015 REVENUE REQUIREMENT (w/o incentives)	(True-Up TCOS Line 1)	233,663,607	\$91,021,133	\$142,642,474
2	LESS: REVENUE CREDITS	(True-Up TCOS Line 5)	16,165,289	\$6,818,274	\$9,347,015
3	TRUE-UP YEAR ZONE 1 AEP NETWORK SERVICE REVENUE REQUIREMENT	(True-Up TCOS Line 6)	\$217,498,319	\$84,202,859 38.714%	\$133,295,459 61.286%
4	LESS: REVENUE REQUIREMENTS INCLUDED IN LINE 1 FOR:				
5	BASE PLAN UPGRADES (W/O INCENTIVES)	(True-Up TCOS Line 7)	62,542,079	7,037,772	55,504,307
6	REQUESTED UPGRADES (W/O INCENTIVES)	(Worksheet G)	-	-	-
/	ECONOMIC UPGRADES (W/O INCENTIVES)	(Worksheet G)		7 007 770	-
8	SUBTOTAL		62,542,079	7,037,772	55,504,307
9	EXISTING ZONAL ATRR (W/O INCENTIVES)	(Line 3- Line 8)	154,956,240	77,165,087	77,791,152
10	INCENTIVE REVENUE REQUIREMENT FOR ZONAL PROJECTS	(True-Up TCOS Line 15)	-	-	-
11	TRUED-UP ZONAL ATRR (W/ INCENTIVES) FOR 2015	(Line 9 + Line 10)	154,956,240	77,165,087	77,791,152
12	2015 Historic AEP West Zone SPP Average 12-Mo. Peak Demand, MW	(Load WS, In 19)	8,211	8,211	8,211
13	Monthly NITS Rate in \$/MW - Month	(Line 11 / Line 12) /12	1,572.65	783.15	789.50

## AEP Transmission Formula Rate Template Calculation of Schedule 11 Revenue Requirements For AEP Transmission Projects For Calendar Year 2015 and Projected Year 2016

### **AEP Schedule 11 Revenue Requirement Including True-Up of Prior Collections**

### **PUBLIC SERVICE COMPANY OF OKLAHOMA**

Note: Some project's final trued-up cost may not meet SPP's \$100,000 threshold for socialization. In that case a true-up of the pirior year ARR will be made in columns (H) through (O), but no projected ARR will be shown in columns (E) through (G) for the current year.

(A)	(B)	(C)	(D)	(E)	(F)	(G) = (E) + (F)	(H)	(1)	(J)	(K) = (I) - (J)	(L)	(M)	(N) = (L)-(M)	(O)	(P) = (H)+(K)+(N)+(O)	(Q) = (G) + (P)
				Projected	ARR For 201	6 From WS-F		rue-Up ARR CY2	015 From Work	sheet G (includes ad	justmen	t for SPP	Collections)			
								Bas	se ARR			Incentive	ARR			T
Sheet Name	Owner	Project Description	Year in Service	Base ARR (WS-F)	Incentive	<u>Total</u>	TRUE-UP Adjustment (WS-G)	Projected ADJUSTED ARR from Prior Update	As Billed by SPP (for Prior Yr T-Service)	COLLECTION Adjustment	True- up	<u>As</u> Billed	<u>Change</u>	Interest	Total Adjustments (True-Up, Billing, & Interest)	Total ADJUSTED  Revenue  Requirement  Effective  7/1/2016
P.001	PSO	Riverside-Glenpool (81-523) Reconductor	2009	118,046	-	118,046	(462)	133,250	123,730	9,520	-	-	-	(905)	8,152	126,198
P.002	PSO	Craig Jct. to Broken Bow Dam 138 Rebuild (7.7mi) WFEC New 138 kV Ties: Sayre to Erick (WFEC) Line	2009	613,227	-	613,227	2,883	697,703	647,854	49,848	-	-	-	(5,271)	47,460	660,687
P.003	PSO	& Atoka and Tupelo station work	2009	1,508,465	-	1,508,465	950	1,597,550	1,483,411	114,139	-	-	-	(11,505)	103,584	1,612,049
P.004	PSO	Cache-Snyder to Altus Jct. 138 kV line (w/2 ring bus stations)	2008	1,887,202	-	1,887,202	(12,435)	2,126,862	1,974,906	151,957	-	-	-	(13,947)	125,574	2,012,777
P.005	PSO	Catoosa 138 kV Device (Cap. Bank)	2006	48,054	-	48,054	87	54,558	50,660	3,898	-	-	-	(398)	3,586	51,640
P.006	PSO	Pryor Junction 138/69 Upgrade Transf	2008	195,750	-	195,750	62	221,866	206,014	15,852	-	-	-	(1,591)	14,323	210,073
P.007	PSO	Elk City - Elk City 69 kV line (CT Upgrades)*	2007	10,822	-	10,822	(19)	12,243	11,368	875	-	-	-	(86)	770 *	11,592
P.008	PSO	Weleetka & Okmulgee Wavetrap replacement 81-805*	2006	6,965	-	6,965	84	7,981	7,411	570	-	-	-	(65)	589 *	7,554
P.009	PSO	Tulsa Southeast Upgrade (repl switches)*	2007	9,186	-	9,186	102	10,516	9,764	751	-	-	-	(85)	768 *	9,955
P.010	PSO	Wavetrap Clinton City-Foss Tap 69kV Ckt 1*	2010	12,898	-	12,898	44	14,656	13,609	1,047	-	-	-	(109)	982	13,880
P.011	PSO	Bartlesville SE to Coffeyville T Rebuild	2011	191,059	-	191,059	153	216,545	201,074	15,471	-	-	-	(1,562)	14,063	205,122
P.012	PSO	Canadian River - McAlester City 138 kV Line Conversion	2012	464,889	-	464,889	(1,312)	537,535	499,130	38,405	-	-	-	(3,708)	33,385	498,274
P.013	PSO	CoffeyvilleT to Dearing 138 kv Rebuild - 1.1 mi*	2010	3,072	-	3,072	0	3,478	3,229	248	-	-	-	(25)	224	3,296
P.014	PSO	Ashdown West - Craig Junction	2013	136,209	-	136,209	(614,178)	183,078	169,997	13,080	-	-	-	60,089	(541,009)	(404,799)
P.015	PSO	Locust Grove to Lone Star 115 kV Rebuild 2.1 miles	2014	321,714	-	321,714	(6,714)	211,918	196,777	15,141	-	-	-	(842)	7,585	329,299
P.016	PSO	Cornville Station Conversion	2014	736,521	-	736,521	(35,775)	483,128	448,610	34,518	-	-	-	126	(1,131)	735,390
P.017	PSO	Grady Customer Connection	2015	262,897	-	262,897	(95,929)	206,807	192,032	14,776	-	-	-	8,113	(73,041)	189,856
P.018	PSO	Darlington-Red Rock 138 kV line	2014	247,914	-	247,914	(521)	263,478	244,653	18,825	-	-	-	(1,830)	16,474	264,388
		PSO Total		6,774,890	-	6,774,890 #	(762,979)	6,983,150	6,484,229	498,921	-	-	-	26,397	(237,661)	6,537,230
		*<\$100K investment														
		Informational ONLY														
		SWEPCO Total		63,756,965	-	63,756,965	(1,915,832)	59,232,137	55,000,209	4,231,928	-	-	-	208,181	2,524,276	66,281,241
		AEP TOTALS		70,531,855	-	70,531,855	(2,678,811)	66,215,287	61,484,438	4,730,849	-	-	-	234,577	2,286,616	72,818,471

## AEP Transmission Formula Rate Template Calculation of Schedule 11 Revenue Requirements For AEP Transmission Projects For Calendar Year 2015 and Projected Year 2016

### **AEP Schedule 11 Revenue Requirement Including True-Up of Prior Collections**

### SOUTHWESTERN ELECTRIC POWER COMPANY

Note: Some project's final trued-up cost may not meet SPP's \$100,000 threshold for socialization. In that case a true-up of the pirior year ARR will be made in columns (H) through (O), but no projected ARR will be shown in columns (E) through (G) for the current year.

(A) (B) (C) (D) (E) (F) (G) = (E) + (F) (H) (I) (J) (K) = (I) - (J) (L) (M) (N) = (L)-(M) (O) (P) = (H)+(K)+(N)+(O) (R) = (G) + (P)

Projected ARR For 2016 From WS-F True-Up ARR CY2015 From Worksheet G (includes adjustment for SPP Collections)

								В	ase ARR		Inc	centive A	ARR			
Sheet Name	Owne	Project Description	Year in Service	Base ARR	<u>Incentive</u>	<u>Total</u>	TRUE-UP Adjustment (WS- G)	Projected ADJUSTED ARR from Prior Update	As Billed by SPP (for Prior Yr T-Service)	COLLECTION Adjustment	<u>True-up</u>	<u>As</u> Billed	<u>Change</u>	Interest	Total Adjustments (Forecast, Billing, & Interest)	Total ADJUSTED  Revenue  Requirement  Effective  7/1/2016
S.001 S.002	SWE SWE	SW Shreveport (sub work & tap)	2009 2009	2,329,004 1,068,935	-	2,329,004 1,068,935	34,765 28,795	2,575,887 1,199,018	2,391,849 1,113,352	184,038 85,666	-	-	-	19,667 10,288	238,470 124,749	2,567,474 1,193,684
S.003	SWE	[NW Ark Area Improve - 2009] E. Centerton-Flint Crk, E Rogers-N Rogers, Centerton	2009	1,807,676	-	1,807,676	9,158	1,977,293	1,836,022	141,271	-	-	-	13,521	163,949	1,971,626
S.004	SWE	<u> </u>	2009	1,517,566	-	1,517,566	11,466	1,664,768	1,545,826	118,942	-	-	-	11,722	142,130	1,659,696
S.005	SWE	[Greenwood, AR Area Improve] N Huntington, Greenwood, Reeves, Bonanza	2009	393,031	-	393,031	5,907	434,552	403,505	31,047	-	-	-	3,322	40,276	433,307
S.006	SWE	Port Robson-Caplis Line (SW 138 kV Loop 2009)	2009	5,006,432	-	5,006,432	109,829	5,612,120	5,211,154	400,966	-	-	-	45,913	556,708	5,563,140
S.007	SWE	· ·	2009	10,098	-	10,098	173	11,199	10,399	800	-	-	-	87	1,060 *	11,158
S.008	SWE	Dyess to S. Fayetteville 69 kV Convert to 161 kV (multi-projects)	2008	1,231,942	-	1,231,942	28,454	1,375,901	1,277,598	98,303	-	-	-	11,393	138,151	1,370,092
S.009	SWE	Northwest Texarkana-Bann-Alumax Tap 138kV reconductor	2008	364,572	-	364,572	1,873	398,968	370,463	28,505	-	-	-	2,730	33,108	397,680
S.010	SWE	, 3	2008	-	-	-	-	-	-	-	-	-	-	-	-	-
S.011	SWE	Siloam Springs - Chamber Springs 161 kV line*** Knox Lee - Oak Hill #2 138 kV line, S. Shreveport	2007	-	-	-	-	-	-	-	-	-	-	-	-	-
S.012	SWE	(SWE Minor Proj II)	2007	23,816	-	23,816	(16)	25,894	24,044	1,850	-	-	-	165	1,999	25,815
S.013	SWE	• •	2006	728,248	-	728,248	15,349	1,137,892	1,056,594	81,298	-	-	-	8,687	105,335	833,582
S.014	SWE	NW Henderson - Oak Hill 138 kV line*	2007	10,398	-	10,398	153	11,506	10,684	822	-	-	-	88	1,063 *	11,461
S.015	SWE	Arsenal Hill 138kV Device (Cap. Bank)	2007	45,989	-	45,989	330	50,490	46,883	3,607	-	-	-	354	4,291	50,280
S.016	SWE	Daingerfield - Jenkins REC 69 kV CB Repl**	2008	50,522	-	50,522	1,466	56,777	52,720	4,057	-	-	-	496	6,019	56,541
S.017	SWE	Linwood-McWillie 138 kV Rebuild	2008	250,146	-	250,146	1,676	274,266	254,671	19,595	-	-	-	1,912	23,183	273,329
S.018	SWE	Port Robson (SW 138 kV Loop 2008)	2009	-	-	-	-	-	-	-	-	-	-	-	-	-
S.019	SWE	•	2008	574,869	-	574,869	3,224	629,519	584,542	44,977	-	-	-	4,332	52,533	627,402
S.020	SWE	[NW Ark Area Improve - 2008] Elm Springs, East Rogers, Shipe Road Stations	2008	-	-	-	-	-	-	-	-	-	-	-	-	-
S.021	SWE	Reconductor 4 mi. of McNabb-Turk	2010	218,211	-	218,211	4,243	243,210	225,833	17,376	-	-	-	1,943	23,562	241,774
S.022	SWE	Longwood: r&r switches, upgrade bus	2010	27,491	-	27,491	360	30,335	28,168	2,167	_	-	-	227	2,754	30,245
S.023	SWE	Reconductor: Greggton-Lake Lamond & Quitman-	2010	640,170		640,170	8,840	706,968	656,458	50,510				5,335	64,685	704,854
		Westwood 69 kV lines Rebuild/reconductor Dyess-Elm Springs REC [Dyess			-						-	-	-			·
S.024	SWE	Station-Flint Creek]	2010	700,696	-	700,696	9,982	774,197	718,883	55,314	-	-	-	5,869	71,164	771,860
S.025	SWE	Replace switch at Diana*	2010	12,014	-	12,014	151	13,246	12,300	946	-	-	-	99	1,196 *	13,210
S.026	SWE	Whitney repl CB and Switches	2011	34,482	-	34,482	14	37,478	34,801	2,678	-	-	-	242	2,934 *	37,416
S.027	SWE	Linwood - Powell Street 138 kV	2012	58,895	-	58,895	744	63,440	58,908	4,533	-	-	-	474	5,751 *	64,646
S.028	SWE	Bloomburg-Texarkana Plant	2012	736,485	-	736,485	9,435	812,303	754,266	58,036	-	-	-	6,065	73,536 *	810,021
S.029	SWE	Knox Lee - Pirkey 138 kV / Pirkey - Whitney 138 kV - Replace Breaker, Wavetraps, and reset relays and CT's	2012	266,274	-	266,274	3,079	293,063	272,125	20,938	-	-	-	2,159	26,176 *	292,450
S.030	SWE	NW Texarkana - Turk 345	2012	6,697,218	-	6,697,218	76,298	7,418,314	6,888,301	530,012	-	-	-	54,498	660,808 *	7,358,026
S.031	SWE	Lone Star South - Pittsburg 138 kV - Replace Wavetraps, reset CT's and Relays	2012	32,211	-	32,211	459	35,591	33,048	2,543	-	-	-	270	3,272 *	35,483
S.032	SWF	Howell-Kilgore 69 kV rebuild	2012	584,572	-	584,572	6,544	646,121	599,958	46,163	_	_	_	4,738	57,445 *	642,017
S.033	SWE	•	2012	8,548,841	_	8,548,841	120,036	9,620,054	8,932,735	687,319	-	_	_	72,569	879,924 *	9,428,765
S.034	SWE	·	2013	1,230,726	_	1,230,726	68,803	1,334,885	1,239,512	95,373	_	_	-	14,757	178,933 *	1,409,659
S.035	SWE		2013	628,862	-	628,862	95,824	683,312	634,492	48,820	_	_	-	13,001	157,646 *	786,508
S.036		Osburn 161 kV Line Work	2013	932,066	- -	932,066	609,294	656,525	609,619	46,906	_	_	-	58,982	715,183 *	1,647,249
S.037	SWE	SW Shreveport to Spring Ridge REC 138 kV Line	2013	722,908	-	722,908	68,519	789,516	733,107	56,408	_	-	-	11,229	136,156 *	859,064
S.038	SWE	Rebuild Eastex Switching Station - Whitney 138 kV Station -	2013	376,402	-	376,402	(55,407)	394,658	366,461	28,197	_	_	-	(2,446)		346,746
3.030	300	Rebuild 2.5 miles of 138 Kv	2013	370,402	-	370,402	(55,407)	J34,0J0	300,401	20,197	-	-	-	(2,440)	(29,000)	340,740

## AEP Transmission Formula Rate Template Calculation of Schedule 11 Revenue Requirements For AEP Transmission Projects For Calendar Year 2015 and Projected Year 2016

### **AEP Schedule 11 Revenue Requirement Including True-Up of Prior Collections**

### SOUTHWESTERN ELECTRIC POWER COMPANY

Note: Some project's final trued-up cost may not meet SPP's \$100,000 threshold for socialization. In that case a true-up of the pirior year ARR will be made in columns (H) through (O), but no projected ARR will be shown in columns (E) through (G) for the current year.

(A)	(B) (C)	(D)	(E)	(F)	(G) = (E) + (F)	(H)	(1)	(J)	(K) = (I) - (J)	(L)	(M)	(N) = (L)-(M)	(O)	(P) = (H)+(K)+(N)+(O)	(R) = (G) + (P)
			Projected A	ARR For 2016	From WS-F		True	Up ARR CY2015	From Worksheet G (i	includes adj	ustment	for SPP Colle	ections)		
							В	ase ARR		In	ncentive A	ARR			
Sheet Name	Owner Project Description	<u>Year in</u> <u>Service</u>	Base ARR	Incentive	<u>Total</u>	TRUE-UP Adjustment (WS- G)	Projected ADJUSTED ARR from Prior Update	As Billed by SPP (for Prior Yr T-Service)	COLLECTION Adjustment	<u>True-up</u>	<u>As</u> Billed	<u>Change</u>	<u>Interest</u>	Total Adjustments (Forecast, Billing, & Interest)	Total ADJUSTED Revenue Requirement Effective 7/1/2016
S.039	SWE Ashdown West - Craig Junction 138KV Rebuild (tie w/PSO)	2013	613,044	-	613,044	7,099	693,664	644,104	49,560	-	-	-	5,093	61,752 *	674,795
S.040	SWE Rock Hill to Carthage 69 kV Rebuild 11.4 Miles	2014	1,403,625	_	1,403,625	26,966	783,133	727,181	55,952	_	_	_	7,453	90,371 *	1,493,996
S.041	SWE Broadmoor to Fern Street 69 kV Rebuild 1 mile	2014	708,199	_	708,199	114,359	396,978	368,615	28,363	_	-	_	12,828		863,748
S.042	SWE Northwest Henderson to Poynter 69 kV Rebuild 3.2	2014	774,189	-	774,189	108,724	452,293	419,978	32,315	-	-	-	12,677	·	927,905
S.043	SWE Diana to Perdue 138 kV Rebuild 21.8 miles; Station Upgrades at Diana and Perdue	2014	2,219,268	-	2,219,268	96,887	1,229,216	1,141,393	87,823	-	-	-	16,603	201,313 *	2,420,581
S.044	SWE Pittsburg-Winnsboro-North Mineola	2007	3,660,458	_	3,660,458	(62,014)	3,788,800	3,518,103	270,696	_	_	-	18,757	227,440 *	3,887,898
S.045	SWE CHAMBER SPRINGS - TONTITOWN 161KV CKT 1	2007	328,830	_	328,830	(6,605)	340,483	316,157	24,326	-	-	-	1,593	The state of the s	348,144
S.046	SWE CHAMBER SPRINGS - TONTITOWN 345KV CKT 1	2008	2,077,482	-	2,077,482	(30,434)	2,149,751	1,996,159	153,592	-	-	-	11,070		2,211,710
S.047	SWE FULTON - HOPE 115KV CKT 1	2012	109,452	_	109,452	` 100 <sup>′</sup>	113,056	104,978	8,077	-	-	-	735		118,364
S.048	SWE MINEOLA - NORTH MINEOLA 69KV CKT 1	2010	21,317	-	21,317	(143)	22,038	20,463	1,575	-	-	-	129	1,560 *	22,877
S.049	SWE SUGAR HILL 138/69KV TRANSFORMER CKT 1	2011	3,201	-	3,201	(1)	3,307	3,071	236	-	-	-	21	256 *	3,457
S.050	SWE Dekalb-New Boston 69 kV	2015	2,355,186	-	2,355,186	(986,670)	2,201,646	2,044,346	157,300	-	-	-	(74,547)	) (903,917) *	1,451,268
S.051	SWE Hardy Street-Waterworks 69 kV	2015	809,243	-	809,243	(331,289)	684,865	635,934	48,931	-	-	-	(25,380)		501,506
S.052	SWE Red Oak (State Line)-North Huntington 69 kV	2015	1,789,026	-	1,789,026	(823,786)	1,747,112	1,622,287	124,825	-	-	-	(62,826)	,	1,027,239
S.053	SWE Mt. Pleasant - West Mt. Pleasant 69 kV Ckt 1)	2015	861,695	-	861,695	(399,454)	787,223	730,979	56,244	-	-	-	(30,849)		487,636
S.054	SWE Benteler - Port Robson 138 kV Ckt 1 and 2	2015	2,088,786	-	2,088,786	(909,390)	1,849,307	1,717,180	132,126	-	-	-	(69,864)	) (847,128) *	
S.055	SWE Ellerbe Rd-S Shreveport 69 kv Build	2016	1,240,275	-	1,240,275	-	-	-	-	-	-	-	-	- *	1,240,273
S.056	SWE Logansport 138 kv	2016	156,067	-	156,067	-	-	-	-	-	-	-	-	- *	156,067
S.057	SWE Winnsboro 138 kw	2016	160,164	-	160,164	-	-	-	-	-	-	-	-	- *	160,164
S.058	SWE Rock Hill-Springridge Pan-Harr REC 138 kv	2016	3,262,214	-	3,262,214	-	-	-	-	-	-	-	-	- *	3,262,214
S.059	SWE Brownlee-North Mrket 69 kv Rebuild	2016	1,253,474	-	1,253,474	-	-	-	-	-	-	-	-	- *	1,253,474
	SWEPCO Total		63,756,965	-	63,756,965	(1,915,832)	59,232,137	55,000,209	4,231,928	-	-	-	208,181	2,524,276	66,281,241
	*<\$100K investment, **Al xfer, ***Non-BPU (to be remo	ved from list ir	future).												
	Informational ONLY														
	PSO Total		6,774,890	-	6,774,890	(762,979)	6,983,150	6,484,229	498,921			-	26,397		6,537,230
	AEP TOTALS		70,531,855	-	70,531,855	# (2,678,811)	66,215,287	61,484,438	4,730,849	-	-	-	234,577	2,286,616	72,818,471

## AEP West (SPP Zone-1) Network Load for January Through December, 2015 Based on West Zone-SPP Monthly Transmission System Firm Peak Demands [1] for the Twelve Months Ended December 31, 2015

### **Historical Combined Load Worksheet (SPP Zone - 1)**

		Peak Day	1/8/2015	2/27/2015	3/6/2015	4/7/2015	5/27/2015	6/24/2015	7/29/2015	8/7/2015	9/8/2015	10/15/2015	11/23/2015	12/18/2015	12 Month	1.00
Line		Peak Hour	800	800	800	1700	1700	1700	1700	1600	1500	1700	800	800	Average MW	LRS
No. S	SPP Load Responsibility															
1	PSO (2)		3,016	2,790	2,517	2,592	2,879	3,811	4,055	4,199	3,776	2,996	2,192	2,442	3,105.4	37.8%
2	SWEPCO (2)		3,257	2,984	3,011	2,401	2,827	3,436	3,776	3,765	3,462	2,872	2,378	2,436	3,050.4	37.2%
3	AECC (3)		526	565	498	309	498	563	640	619	494	375	399	425	492.6	6.0%
4	AECC-MISO		318	196	168	111	103	189	205	241	225	193	140	173	188.5	2.3%
5	WFEC (3)		35	34	33	21	26	30	36	37	34	27	31	30	31.2	0.38%
6	OMPA (3)		94	85	77	89	91	137	155	156	143	112	69	77	107.1	1.3%
7	OG&E (3)		20	19	22	21	8	9	12	11	14	13	13	13	14.6	0.18%
8	NTEC (3)		849	736	780	378	467	635	695	702	603	466	572	570	621.1	7.6%
9	ETEC (3)		108	85	91	48	59	80	92	91	77	61	75	75	78.5	1.0%
10	TEXLA (3)		121	106	109	80	70	103	113	109	96	37	84	86	92.8	1.1%
11	Greenbelt (3)		8	7	6	7	4	7	14	12	12	8	4	7	8.0	0.10%
12	Lighthouse (3)		2	2	1	1	1	1	3	3	2	1	1	2	1.7	0.02%
13	Bentonville, AR (3)		112	102	95	87	115	144	153	153	141	106	81	92	115.1	1.4%
14	Prescott, AR (Entergy) (3)		11	12	13	12	12	13	14	15	14	12	12	12	12.7	0.15%
15	Minden, LA (Entergy) (3)		25	23	23	22	26	35	39	39	36	27	18	19	27.7	0.34%
16	Hope, AR (3)		46	43	45	40	44	58	56	61	57	45	39	39	47.8	0.58%
17 18	SWEPCO-Valley (6)		180 105	158 82	161 101	81 86	94 108	140 107	149 31	149 41	125 94	105 63	122 90	118 96	131.8 83.7	1.61% 1.0%
10	Coffeyville, KS (3)		105	02	101	00	100	107	31	41	94	03	90	90	03.1	1.0%
19 <b>z</b>	one 1 - System Firm Peak Demands		8,833	8,029	7,751	6,386	7,432	9,498	10,238	10,403	9,405	7,519	6,320	6,712	8,211	
	Supporting Data															
20 <b>F</b>			2,974	2,750	2,488	2,578	2,855	3,775	4,015	4,164	3,749	2,979	2,174	2,428		
21	KAMO		39	36	30	22	28	41	43	41	32	25	26	29		
22	GRDA load on PSO		16	14	11	5	7	11	12	12	10	7	8	0		
23	PSO load on WFEC		-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6		
24	Allen Holdenville		-7	-4	-6	-7	-5	-10	-9	-12 4199	-9	-9 <b>2996</b>	-10	-9		
25	PSO Load Responsibility	_	3016	2790	2517	2592	2879	3811	4055	4199	3776	2996	2192	2442		
26 <b>S</b>	SWEPCO: SWEPCO Native Load (2) (5)		3,437	3,142	3,172	2,481	2,916	3,576	3,925	3,914	3,587	2,977	2,500	2,554		
27	Dolet Hills Aux. Load (4)		0	0	0	1	5	0	0	0	0	0	0	0		
28	SWEPCO-Valley (6)		-180	-158	-161	-81	-94	-140	-149	-149	-125	-105	-122	-118		
29	VEMCO (SPA Hydro Replacem	ent) (7)	0	0	0	0	0	0	0	0	0	0	0	0		
30	SWEPCO Load Responsibility		3257	2984	3011	2401	2827	3436	3776	3765	3462	2872	2378	2436		

#### Notes:

- (1) MW, at the time of the AEP-SPP Internal (MLR) Peak
- (2) At the generator, includes transmission losses.
- (3) At the generator. Transmission losses added to metered values which include appropriate dist.& xfmr losses.
- (4) Not self-generated
- (5) Includes SWEPCO-Valley (formerly VEMCO) load connected to Entergy/CLECO system. SWEPCO purchased VEMCO Oct. 1, 2010.
- (6) Effective Jan 1, 2015, the entire SWEPCO Valley load (formerly VEMCO) power supply is supplied from SWEPCO's SPP fleet and listed separately on OATT customer list for reporting purposes.
- (7) included in SWEPCO-Valley.

### AEP West SPP Member Companies 2016 Transmission Cost of Service Formula Rate Utilizing Historic Cost Data for 2015 and Projected Net Plant at Year-End 2016

### PUBLIC SERVICE COMPANY OF OKLAHOMA

Line No.						Т	ransmission Amount
1	REVENUE REQUIREMENT (w/o incentives)	(In 120)					\$91,596,170
			Total	Allo	ocator		
2	REVENUE CREDITS	(Note A)			_		
3	Transmission Credits	(Worksheet H)	6,621,737	DA	1.00000	\$	6,621,737
4	Assoc. Business Development	(Worksheet H)	196,537	DA	1.00000	\$	196,537
5	Total Revenue Credits		6,818,274			\$	6,818,274
6	REVENUE REQUIREMENT For All Company Facilities	(In 1 less In 5)					\$84,777,896
MEN	IO: The Carrying Charge Calculations on lines 9 to 14 below is used in calculati requirements for these projects sho	ng project revenue requirements billed on SPP Schedule wn on line 7 is included in the total on line 6.	11. The total non-incentive	revenue			
7			6,774,890	DA	1.00000	\$	6,774,890
	Revenue Requirement for SPP BPU Regional Facilities (w/o incentives) (Workshee	et F)					
8	NET PLANT CARRYING CHARGE (w/o incentives) (Note B)						
9	Annual Rate	(In 1/ (Sum of Ins 46, 47, 48, 49, 51)) x 100%					15.56%
10	Monthly Rate	(In 9 / 12)					1.30%
11	NET PLANT CARRYING CHARGE ON LINE 9, W/O DEPRECIATION (w/o incentiv	ves) (Note B)					
12	Annual Rate	((In 1 - In 95) / (Sum of Ins 46, 47, 48, 49, 51)) x 100%					13.12%
13	NET PLANT CARRYING CHARGE ON LINE 11, W/O INCOME TAXES, RETURN	(Note B)					
14	Annual Rate	((In 1 - In 95 - In 117 - In 118) / (Sum of Ins 46, 47, 48, 49, 5	51)) x 100%				4.96%
15	ADDITIONAL REVENUE REQUIREMENT for projects w/ incentive ROE's (Note C)	(Worksheet F)					-

### AEP West SPP Member Companies 2016 Transmission Cost of Service Formula Rate Utilizing Historic Cost Data for 2015 and Projected Net Plant at Year-End 2016

### PUBLIC SERVICE COMPANY OF OKLAHOMA

(1) (2) (3)

	( · /	(—)	(-)		( )	(-)
Line	RATE BASE CALCULATION	Data Sources (See "General Notes")	<u>TO Total</u> NOTE D	Alle	ocator_	Total <u>Transmission</u>
No.	GROSS PLANT IN SERVICE		<u>NOTE D</u>			
16	Production	(Worksheet A In 1.C)	1,475,502,682	NA	0.00000	-
17	Less: Production ARO (Enter Negative)	(Worksheet A In 2.C)	(34,973,963)	NA	0.00000	-
	Transmission	(Worksheet A In 3.C &	815,430,062	DA		761,511,035
18		Hist. Template Ln 169)	010,400,002			701,011,000
19	Less: Transmission ARO (Enter Negative)	(Worksheet A In 4.C)	-	TP	0.93624	-
20	Plus: Transmission Plant-in-Service Additions (Worksheet B)		30,288,573	DA TD	1.00000	30,288,573
21 22	Plus: Additional Trans Plant on Transferred Assets (Worksheet B) Distribution	(Worksheet A In 5.C)	2,206,508,992	TP NA	0.93624 0.00000	-
23	Less: Distribution ARO (Enter Negative)	(Worksheet A In 6.C)	2,200,500,992	NA NA	0.00000	-
24	General Plant	(Worksheet A In 7.C)	157,148,220	W/S	0.10128	15,916,552
25	Less: General Plant ARO (Enter Negative)	(Worksheet A In 8.C)	(518,435)	W/S	0.10128	(52,509)
25 26	Intangible Plant	(Worksheet A In 9.C)	38,844,829	W/S	0.10128	3,934,348
27	TOTAL GROSS PLANT	(sum Ins 16 to 26)	4,688,230,960			811,597,999
00	A COLUMN A TED DEDDECLATION AND AMODITATION					
28	ACCUMULATED DEPRECIATION AND AMORTIZATION  Production	(Worksheet A In 12.C)	759,321,650	NA	0.00000	
29 30	Less: Production ARO (Enter Negative)	(Worksheet A In 12.C)	759,321,650 (4,972,667)	NA NA	0.00000	-
30	· · · · · · · · · · · · · · · · · · ·	(Worksheet A In 13.0)	<b>,</b>		0.00000	_
31	Transmission	28.C)	208,745,843	TP1=	0.90617	189,160,149
32	Less: Transmission ARO (Enter Negative)	(Worksheet A In 15.C)	-	TP1=	0.90617	-
33	Plus: Transmission Plant-in-Service Additions (Worksheet B)	(	167,297	DA	1.00000	167,297
34	Plus: Additional Projected Deprec on Transferred Assets (Worksheet B)		-	DA	1.00000	-
35	Plus: Additional Transmission Depreciation for 2016 (In 95)		15,385,707	TP1	0.90617	13,942,135
36	Plus: Additional General & Intangible Depreciation for (In 97+In 98)		14,457,016	W/S	0.10128	1,464,260
37	Plus: Additional Accum Deprec on Transferred Assets (Worksheet B)	(M. 1.1. (A1.40.0)	-	DA	1.00000	-
38	Distribution	(Worksheet A In 16.C)	554,330,144	NA	0.00000	-
39 40	Less: Distribution ARO (Enter Negative) General Plant	(Worksheet A In 17.C) (Worksheet A In 18.C)	- 67,375,992	NA W/S	0.00000 0.10128	6,824,089
41	Less: General Plant ARO (Enter Negative)	(Worksheet A In 19.C)	(395,275)	W/S	0.10128	(40,035)
42	Intangible Plant	(Worksheet A In 20.C)	21,128,855	W/S	0.10128	2,140,008
43	TOTAL ACCUMULATED DEPRECIATION	(sum Ins 29 to 42)	1,635,544,562			213,657,903
44	NET PLANT IN SERVICE	(la 40 : la 47 la 20 la 20)	000 470 700			
45 46	Production Transmission	(In 16 + In 17 - In 29 - In 30) (In 18 + In 19 - In 31 - In 32)	686,179,736 606,684,219			572,350,886
46 47	Plus: Transmission Plant-in-Service Additions (In 20 - In 33)	(111 10 + 111 19 - 111 31 - 111 32)	30,121,276			30,121,276
48	Plus: Additional Trans Plant on Transferred Assets (In 21 - In 34)		50,121,270			50,121,270
49	Plus: Additional Transmission Depreciation for 2016 (-In 35)		(15,385,707)			(13,942,135)
50	Plus: Additional General & Intangible Depreciation for 2016 (-In 36)		(14,457,016)			(1,464,260)
51	Plus: Additional Accum Deprec on Transferred Assets (Worksheet B) (-In 37)		-			-
52	Distribution	(In 22 + In 23 - In 38 - In 39)	1,652,178,848			-
53	General Plant	(ln 24 + ln 25 - ln 40 - ln 41)	89,649,068			9,079,989
54	Intangible Plant	(ln 26 - ln 42)	17,715,974			1,794,339
55	TOTAL NET PLANT IN SERVICE	(sum Ins 45 to 54)	3,052,686,398			597,940,096
56	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note E)				
57 50	Account No. 281.1 (enter negative)	272-273.8.k	(000,000,000)	NA		(4.40.750.400)
58 50	Account No. 282.1 (enter negative)	(Worksheet C, In 1.C & In 3.J)	(863,023,268) (224,981,753)	DA DA		(146,752,106)
59 60	Account No. 283.1 (enter negative) Account No. 190.1	(Worksheet C, In 10.C & In 12.J) (Worksheet C, In 19.C & In 21.J)	128,137,563	DA DA		(31,272,653) 9,673,185
61	Account No. 255 (enter negative)	(Worksheet C, In 28.C & In 30.J)	(53,780)	DA		(9,020)
62	TOTAL ADJUSTMENTS	(sum Ins 57 to 61)	(959,921,238)	27.		(168,360,594)
00	DI ANTI LIEUR FOR FUTURE LIGE	(M. J. J. A. J. 60 G. J. 60 G.)		D.4		
63	PLANT HELD FOR FUTURE USE	(Worksheet A In 29.C & In 30.C)	225,408	DA		-
64	WORKING CAPITAL	(Note F)				
65	Cash Working Capital	(1/8 * In 80) (Note G)	1,992,358			1,865,335
66	Transmission Materials & Supplies	(Worksheet D, In 2.(D))	637,007	TP	0.93624	596,394
67	A&G Materials & Supplies	(Worksheet D, In 3.(D))	231,880	W/S	0.10128	23,486
68 60	Stores Expense	(Worksheet D, In 4.(D))	404 770 040	GP(h)	0.16773	40.044.000
69 70	Prepayments (Account 165) - Labor Allocated Prepayments (Account 165) - Gross Plant	(Worksheet D, In 5.G) (Worksheet D, In 5.F)	104,773,318 3,386,442	W/S GP(b)	0.10128 0.16773	10,611,829 567,995
70 71	Prepayments (Account 165) - Gross Plant Prepayments (Account 165) - Transmission Only	(Worksheet D, In 5.F)	3,300,442 -	GP(h) DA	1.00000	567,995 -
7 1 72	Prepayments (Account 165) - Transmission Only Prepayments (Account 165) - Unallocable	(Worksheet D, In 5.D)	(102,502,956)	NA NA	0.00000	- -
73	TOTAL WORKING CAPITAL	(sum Ins 65 to 72)	8,518,049	1 4/ (	3.33300	13,665,039
-		,				
74	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note H) (Worksheet E, In 7.(B))	(1,020,696)	DA	1.00000	(1,020,696)
75	RATE BASE (sum Ins 55, 62, 63, 73, 74)		2,100,487,921			442,223,845
13	13.112 D. OL (Bailling Bo, BZ, BB, 10, 17)		2,100,701,321			772,223,043

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### AEP West SPP Member Companies 2016 Transmission Cost of Service Formula Rate Utilizing Historic Cost Data for 2015 and Projected Net Plant at Year-End 2016

PUBLIC SERVICE COMPANY OF OKLAHOMA

(1)

(2)

I	EXPENSE, TAXES, RETURN & REVENUE  REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	TO Total	Allo	ocator	Total <u>Transmission</u>
Line No.	OPERATION & MAINTENANCE EXPENSE					
76	Transmission	321.112.b	100,058,261			
70 77	Less: Total Account 561	(Note I) 321.84-92.b	15,009,855			
77 78	Less: Account 565	(Note 1) 321.94-92.b (Note J) 321.96.b	69,109,539			
78 79	Less: expenses 100% assigned to TO billed customers (Worksheet I, In 14)	(Note 3) 321.90.b	\$0			
	Total O&M Allocable to Transmission	(Inc. 76 - 77 - 79 - 70)	·	TP	0.03634	14 022 690
80	Total Odivi Allocable to Transmission	(Ins 76 - 77 - 78 - 79)	15,938,867	IP	0.93624	14,922,680
81	Administrative and General	323.197.b (Note K)	56,457,051			
82	Less: Acct. 924, Property Insurance	323.185.b	1,754,843			
83	Acct. 928, Reg. Com. Exp.	323.189.b	4,155,085			
84	Acct. 930.1, Gen. Advert. Exp.	323.191.b	242,278			
85	Acct. 930.2, Misc. Gen. Exp.	323.192.b	1,872,537			
86	Balance of A & G	(In 81 - sum In 82 to In 85)	48,432,308	W/S	0.10128	4,905,403
87	Plus: Acct. 924, Property Insurance	(In 82)	1,754,843	GP(h)	0.16773	294,333
88	Acct. 928 - Transmission Specific	Worksheet J In 20.(E) (Note L)	-	TP	0.93624	-
89	Acct 930.1 - Only safety related ads -Direct	Worksheet J In 34.(E) (Note L)	-	TP	0.93624	-
90	Acct 930.2 - Misc Gen. Exp Trans	Worksheet J In 43.(E) (Note L)	236,964	DA	1.00000	236,964
91	Less: PBOP Expense In Acct. 926 Adjustment	Worksheet J In 10.C (Note M)	(12,569,252)	W/S	0.10128	(1,273,060)
92	A & G Subtotal	(sum lns 86 to 90 less ln 91)	62,993,367			6,709,761
93	TOTAL O & M EXPENSE	(In 80 + In 92)	78,932,234			21,632,441
94	DEPRECIATION AND AMORTIZATION EXPENSE					
95	Transmission	336.7.f	15,385,707	TP	0.93624	14,404,787
96	Plus: Transmission Plant-in-Service Additions (Worksheet B)		167,297	DA	1.00000	167,297
97	General	336.10.f	4,524,493	W/S	0.10128	458,257
98	Intangible	336.1.f	9,932,523	W/S	0.10128	1,006,003
99	TOTAL DEPRECIATION AND AMORTIZATION	(sum Ins 95 to 98)	30,010,020		'	16,036,344
100 101	TAXES OTHER THAN INCOME Labor Related	(Note N)				
102	Payroll	Worksheet L, Col. D	4,754,650	W/S	0.10128	481,569
103	Plant Related					
104	Property	Worksheet L, Col. C	32,133,476	GP(h)	0.16773	5,389,628
105	Gross Receipts/Sales & Use	Worksheet L, Col. F	168,591	NA	0.00000	-
106	Other	Worksheet L, Col. E	150,218_	GP(h)	0.16773	25,196_
107	TOTAL OTHER TAXES	(sum Ins 102 to 106)	37,206,935			5,896,392
108	INCOME TAXES	(Note O)				
109	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		38.56%			
110	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =		42.11%			
111	where WCLTD=(In 147) and WACC = (In 150)					
112	and FIT, SIT & p are as given in Note O.					
113	GRCF=1/(1 - T) = (from ln 109)		1.6276			
114	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, ln 19.c)	(1,868,433)			
115	Income Tax Calculation	(In 110 * In 118)	68,371,888			14,394,598
116	ITC adjustment	(In 113 * In 114)	(3,040,985)	NP(h)	0.19106	(581,015)
117	TOTAL INCOME TAXES	(sum Ins 115 to 116)	65,330,903		·	13,813,583
118	RETURN ON RATE BASE (Rate Base*WACC)	(ln 75 * ln 150)	162,372,451			34,184,900
119	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note E) (Worksheet E, In 2)		32,510	DA	1.00000	32,510
120	REVENUE REQUIREMENT BEFORE TEXAS GROSS MARGIN TAX		373,885,053			91,596,170
121	(sum Ins 93, 99, 107, 117, 118, 119)				,	3.,000,
				D 4		
122	TEXAS GROSS MARGIN TAX (Note P) (Worksheet K)		-	DA		-
123	REVENUE REQUIREMENT INCLUDING GROSS MARGIN TAX		373,885,053			91,596,170

### AEP West SPP Member Companies 2016 Transmission Cost of Service Formula Rate Utilizing Historic Cost Data for 2015 and Projected Net Plant at Year-End 2016

PUBLIC SERVICE COMPANY OF OKLAHOMA

### SUPPORTING CALCULATIONS

No.	TRANSMISSION PLANT INCLUDED IN SPP TARIFF							
124	Total transmission plant	(ln 18, 19, 20, 21)						845,718,635
125	Less transmission plant excluded from SPP Tariff (Note Q)	(111 10, 13, 20, 21)						35,920,833
126	Less transmission plant included in OATT Ancillary Services (Worksheet A, In 23, C	Col. (C)) (Note R)						17,998,194
127	Transmission plant included in SPP Tariff	(ln 124 - ln 125 - ln 126)						791,799,608
400	D ODD T	(1, 407 (1, 404)					<b></b>	0.0004
128	Percent of transmission plant in SPP Tariff	(ln 127 / ln 124)					TP=	0.93624
				Payroll Billed from				
129	WAGES & SALARY ALLOCATOR (W/S)	(Note S)	Direct Payroll	AEP Service Corp.	Total			
130	Production	354.20.b	25,536,755	10,291,839	35,828,594	NA	0.00000	-
131	Transmission	354.21.b	3,780,846	4,481,855	8,262,701	TP	0.93624	7,735,910
132	Regional Market Expenses	354.22.b	0	0	-	NA	0.0000	-
133	Distribution	354.23.b	18,659,637	1,645,866	20,305,503	NA	0.0000	-
134	Other (Excludes A&G)	354.24,25,26.b	6,307,209	5,674,627	11,981,836	NA	0.0000	-
135	Total	(sum Ins 130 to 134)	54,284,447	22,094,187	76,378,634	•		7,735,910
136	Transmission related amount						W/S=	0.10128
137	WEIGHTED AVERAGE COST OF CAPITAL (WACC)							<b>¢</b>
138	WEIGHTED AVERAGE GOOT OF GAITTAL (WAGO)	Long Term Interest (Workshee	t M In 18 col (D))					61,279,457
139		Preferred Stock Dividends (Wo		))				01,219,401
140	Development of Common Stock:	Treferred Stock Dividends (WC	orksheet W, III. 22, col. (D	))				_
141	Development of Common Stock.	Proprietary Capital (112.16.c)						1,119,986,871
142		Less Preferred Stock (In 148)						-
143		Less Account 216.1 (112.12.c)						_
144		Less Account 219.1 (112.15.c)						4,184,017
145		Common Stock (In 141 - In 142	2 - In 143 - In 144)					1,115,802,854
140		Common Clock (iii 141 iii 142		Capital Structure P	ercentages		Cost	1,110,002,004
146		\$		Actual	Cap Limit		(Note T)	Weighted
147	Long Term Debt (Worksheet M, In. 18, col. (B))	1,293,562,544	<del>-</del>	53.69%	0.00%		0.0474	0.0254
148	Preferred Stock (Worksheet M, In. 22, col. (B))	-		0.00%	0.00%		-	0.0000
149	Common Stock (In 145) (Note U)	1,115,802,854		46.31%	0.00%		11.2%	0.0519
150	Total (sum Ins 147 to 149)	2,409,365,398		10.0170	0.0070		WACC=	0.0773
100	rotal (call life 147 to 140)	2,403,000,000					11700-	0.0113
151	Capital Structure Equity Limit (Note U)	52.5%						

AEP - SPP Formula Rate PSO TCOS - Projected Page: 12 of 69

AEP West SPP Member Companies
2016 Transmission Cost of Service Formula Rate
Utilizing Historic Cost Data for 2015 and Projected Net Plant at Year-End 2016

PUBLIC SERVICE COMPANY OF OKLAHOMA

<u>Letter</u> <u>Notes</u>

General Notes: a) References to data from FERC Form 1 are indicated as: page#.line#.col.#

- b) If transmission owner ("TO") functionalizes its costs to transmission on its books, those costs are shown above and on any supporting work papers rather than using the allocations above.
- A The revenue credits shall include a) amounts received directly from the SPP for PTP transmission services, b) direct assignment charges for transmission facilities, the cost of which has been included in the TCOS, and c) amounts from customers taking service under grandfathered agreements, where the demand is not included in the rate divisor. Revenues associated with FERC annual charges, gross receipts taxes, ancillarly services or facilities excluded from the TCOS are not included as revenue credits. Revenue from Transmission Customers whose coincident peak loads are included in the DIVISOR of the load-ratio share calculation are not included as revenue credits. See Worksheet A for details.
- B The annual and monthly net plant carrying charges on page 1 are used to compute the revenue requirement for facilities and any upgrades.
- This additional revenue requirement is determined using a net plant carrying charge (fixed carrying charge or FCR) approach. Worksheet G shows the calculation of the projected revenue requirement for each project, based on an FCR rate caclulated from inputs on the Historic TCOS. Line 15 shows the incremental ARR for projects receiving incentives as accepted by FERC. These individual additional revenue requirements are summed for the true-up year, and included here.
- D The gross plant, accumulated depreciation, and deferred tax balances included in rate base are reduced by the removal of balances related to Asset Retirement Obligations (AROs). This is to comply with the requirements of FERC Rulemaking RM02-7-000.
- The total-company balances shown for Accounts 281, 282, 283, 190 only reflect ADIT that relates to utility operations.

  The balance of Account 255 is reduced by prior flow throughs and is completely excluded if the utility chose to utilize amortization of tax credits against FIT expense as discussed in Note N. An exception to this is pre-1971 ITC balances, which are required to be taken as an offset to rate base. Account 281 is not allocated. Transmission allocations are shown on Worksheet B.
- F Identified as being transmission related or functionally booked to transmission.

Μ

- G Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission on line 80.
- Consistent with Paragraph 657 of Order 2003-A, the amount on line is equal to the balance of IPP System Upgrade Credits owed to transmission customers that made contributions toward the construction of System upgrades, and includes accrued interest and unreturned balance of contributions. The annual interest expense is included on line 119.
- I Removes the expense booked to transmission accounts included in the development of OATT ancillary services rates, including all of Account No. 561.
- J Removes cost of transmission service provided by others to the extent such service is not incurred to provide the SPP service at issue.
- K General Plant and Administrative & General expenses may be functionalized based on allocators other then the W/S allocator. Full documentation must be provided.
- Expense reported for these A&G accounts will be included in the cost of service only to the extent they are directly assignable to transmission service. Worksheet D allocates these expense items. Acct 928 Includes Regulatory Commission expenses itemized in FERC Form-1 at page 351, column H. FERC Assessment Fees and Annual Charges shall not be allocated to transmission. Only safety-related and educational advertising costs in Account 930.1 are included in the TCOS. Account 930.2 includes the expenses incurred by the transmission function for Associated Business Development revenues given as a credit to the TCOS on Worksheet E.
  - This line complies with FERC requirement that Other Post Employment Benefits remain constant from an initial test year. Changes in this base amount can only occur via approval of a 205 filing.
- N Includes only FICA, unemployment, property and other assessments charged in the current year. Gross Receipts tax, Sales & Use taxes, and taxes related to income are excluded.
- The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p =
  "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a
  work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that
  elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce
  rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f)
  (In 109) multiplied by (1/1-T). If the applicable tax rates are zero enter 0.

Inputs Required: FIT = 35.00% SIT= 5.47%

SIT= 5.47% (State Income Tax Rate or Composite SIT. Worksheet K))
p = 0.00% (percent of federal income tax deductible for state purposes)

- P Effective January 1, 2007, Texas instituted a gross margin tax. This tax is calculated on the Texas allocated revenue of the Company, reduced by 30% to derive a "Gross Margin" for the Company. The tax rate of one percent is assessed on the resulting amount. The jurisdictional allocator is based on transmission demand allocators.
- Q Removes plant excluded from the OATT because it does not meet the SPP's definition of Transmission Facilities or is otherwise ineligible to be recovered under the OATT.
- Removes transmission plant (e.g. step-up transformers) included in the development of OATT ancillary service rates and not already removed for reasons indicated in Note Q.
- S Includes functional wages & salaries incurred by parent company service corporation for support of the operating company.
- Long Term Debt cost rate = long-term interest (ln 138) / long term debt (ln 147). Preferred Stock cost rate = preferred dividends (ln 139) / preferred outstanding (ln 148).

  Common Stock cost rate (ROE) = 11.2%, the rate accepted by FERC in Docket No. ER07-XXX. It includes an additional 50 basis points for remaining a member of the SPP RTO.
- Per Settlement, equity is limited to 52.5% of PSO's Capital Structure. If the percentage of equity exceeds the cap, the excess is included in long term debt in the cap structure. This value cannot change prior to 2/1/11. After this date it can only be changed via an approved 205 or 206 filling.

AEP - SPP Formula Rate PSO TCOS - Historic Page: 13 of 69

AEP West SPP Member Companies
Transmission Cost of Service Formula Rate
Utilizing Historic Cost Data for 2015 with Year-End Rate Base Balances

### PUBLIC SERVICE COMPANY OF OKLAHOMA

Line No. 152	REVENUE REQUIREMENT (w/o incentives)	(In 271)	Total	Allo	ocator	Tr	ansmission Amount \$89,711,012
153	REVENUE CREDITS	(Note A)	Total	71110	oatoi		
154	Transmission Credits	(Worksheet H)	6,621,737	DA	1.00000	\$	6,621,737
155	Assoc. Business Development	(Worksheet H)	196,537	DA	1.00000	Ψ	196,537
156	Total Revenue Credits	(WOIKSHEELTI)	6,818,274	DA	1.00000	\$	6,818,274
130	Total Neverlue Credits		0,010,274			Ψ	0,010,274
157	REVENUE REQUIREMENT For All Company Facilities	(In 152 less In 156)				\$	82,892,737
158		projects shown on line 158 is included in the total on li	ine <b>157.</b> 6,774,890	DA	1.00000	\$	6,774,890
450	Revenue Requirement for SPP BPU Regional Facilities (w/o incentive	s) (Worksheet F)					
159	NET PLANT CARRYING CHARGE (w/o incentives) (Note B)	(1. 450/1. 407 . 4000/)					45.070/
160	Annual Rate	(ln 152/ ln 197 x 100%)					15.67%
161	Monthly Rate	(In 160 / 12)					1.31%
162	NET PLANT CARRYING CHARGE ON LINE 160, W/O DEPRECIATI	ON (w/o incentives) (Note B)					
163	Annual Rate	( (ln 152 - ln 246) / ln 197 x 100%)					13.16%
164	NET PLANT CARRYING CHARGE ON LINE 162, W/O INCOME TAX						
165	Annual Rate	( (ln 152 - ln 246 - ln 268 - ln 269) / ln 197 x 10	00%)				5.06%
166	ADDITIONAL REVENUE REQUIREMENT for projects w/ incentive RO	)F's (Note C) (Worksheet F)					_

(1,020,696)

427,448,330

# AEP West SPP Member Companies Transmission Cost of Service Formula Rate Utilizing Historic Cost Data for 2015 with Year-End Rate Base Balances

### PUBLIC SERVICE COMPANY OF OKLAHOMA

	(1)	(2)	(3)	(3)	
	RATE BASE CALCULATION	Data Sources (See "General Notes")	<u>TO Total</u>	<u>Allocator</u>	Total <u>Transmission</u>
Line No.	GROSS PLANT IN SERVICE		NOTE D		
167	Production	(Worksheet A In 1.C)	1,475,502,682	NA 0.0000	0 -
168	Less: Production ARO (Enter Negative)	(Worksheet A In 2.C) (Worksheet A In 3.C & Ln	(34,973,963)	NA 0.0000	
169	Transmission	278)	815,430,062	DA	761,511,035
170	Less: Transmission ARO (Enter Negative)	(Worksheet A In 4.C)	-	TP 0.9338	8 -
171	Plus: Transmission Plant-in-Service Additions (Worksheet B)		N/A	NA 0.0000	
172	Plus: Additional Trans Plant on Transferred Assets (Worksheet B)	(M. 1.1. (A.1. 5.0)	N/A	NA 0.0000	
173 174	Distribution	(Worksheet A In 5.C)	2,206,508,992	NA 0.0000 NA 0.0000	
174 175	Less: Distribution ARO (Enter Negative) General Plant	(Worksheet A In 6.C) (Worksheet A In 7.C)	- 157,148,220	NA 0.0000 W/S 0.1010	
176	Less: General Plant ARO (Enter Negative)	(Worksheet A In 8.C)	(518,435)	W/S 0.1010	, ,
177	Intangible Plant	(Worksheet A In 9.C)	38,844,829	W/S 0.1010	, ,
178	TOTAL GROSS PLANT	(sum Ins 167 to 177)	4,657,942,387	GP(h)= 0.16772 GTD= 0.26984	• • •
179	ACCUMULATED DEPRECIATION AND AMORTIZATION			GTD= 0.26984	
180	Production	(Worksheet A In 12.C)	759,321,650	NA 0.0000	
181	Less: Production ARO (Enter Negative)	(Worksheet A In 13.C)	(4,972,667)	NA 0.0000	-
182	Transmission	(Worksheet A In 14.C & 28.C)	208,745,843.000	<b>TP1=</b> 0.9061	7 189,160,148.929
183	Less: Transmission ARO (Enter Negative)	(Worksheet A In 15.C)	-	<b>TP1=</b> 0.9061	
184	Plus: Transmission Plant-in-Service Additions (Worksheet B)		N/A	DA 1.0000	
185	Plus: Additional Projected Deprec on Transferred Assets (Worksheet B)		N/A	DA 1.0000	
186	Plus: Additional Transmission Depreciation for 2016 (In 246)		N/A	TP1 0.9061	
187 188	Plus: Additional General & Intangible Depreciation for 2016 (In 248+In 249) Plus: Additional Accum Deprec on Transferred Assets (Worksheet B)		N/A N/A	W/S 0.1010 DA 1.0000	
189	Distribution	(Worksheet A In 16.C)	554,330,144	NA 0.0000	
190	Less: Distribution ARO (Enter Negative)	(Worksheet A In 17.C)	-	NA 0.0000	
191	General Plant	(Worksheet A In 18.C)	67,375,992	W/S 0.1010	, ,
192 193	Less: General Plant ARO (Enter Negative)	(Worksheet A In 19.C) (Worksheet A In 20.C)	(395,275)	W/S 0.1010 W/S 0.1010	, , ,
194	Intangible Plant TOTAL ACCUMULATED DEPRECIATION	(sum Ins 180 to 193)	21,128,855 1,605,534,542	VV/3 0.1010	3 <u>2,134,596</u> 198,061,639
195	NET PLANT IN SERVICE				
196	Production	(ln 167 + ln 168 - ln 180 - ln 181)	686,179,736		-
197	Transmission	(ln 169 + ln 170 - ln 182 - ln 183)	606,684,219		572,350,886.071
198	Plus: Transmission Plant-in-Service Additions (In 171 - In 184)		N/A		N/A
199	Plus: Additional Trans Plant on Transferred Assets (In 172 - In 185)		N/A N/A		N/A
200 201	Plus: Additional Transmission Depreciation for 2016 (-In 186) Plus: Additional General & Intangible Depreciation for 2016 (-In 187)		N/A N/A		N/A N/A
202	Plus: Additional Accum Deprec on Transferred Assets (Worksheet B) (-In 188	3)	N/A		N/A
203	Distribution	(ln 173 + ln 174 - ln 189 - ln 190)	1,652,178,848		-
204	General Plant	(ln 175 + ln 176 - ln 191 - ln 192)	89,649,068		9,057,022
205	Intangible Plant	(ln 177 - ln 193)	17,715,974	ND(I) 0.40400	1,789,801
206	TOTAL NET PLANT IN SERVICE	(sum Ins 196 to 205)	3,052,407,845	NP(h)= 0.19106	<b>2</b> 583,197,709
207	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note E)			
207	Account No. 281.1 (enter negative)	(Note E) 272-273.8.k	-	NA	-
209	Account No. 282.1 (enter negative)	(Worksheet C, In 1.C & In 3.J)	(863,023,268)	DA	(146,752,106)
210	Account No. 283.1 (enter negative)	(Worksheet C, In 10.C & Ln 12.J)	(224,981,753)	DA	(31,272,653)
211	Account No. 190.1	(Worksheet C, In 19.C & Ln 21.J)	128,137,563	DA	9,673,185
212 213	Account No. 255 (enter negative) TOTAL ADJUSTMENTS	(Worksheet C, In 28.C & Ln 30.J) (sum Ins 208 to 212)	(53,780) (959,921,238)	DA	(9,020) (168,360,594)
214	PLANT HELD FOR FUTURE USE	(Worksheet A In 29.C & In 30.C)	225,408	DA	-
215	WORKING CAPITAL	(Note F)			
216	Cash Working Capital	(1/8 * In 231) (Note G)	1,992,358		1,860,617
217	Transmission Materials & Supplies	(Worksheet D, In 2.(D))	637,007	TP 0.9338	8 594,886
218	A&G Materials & Supplies	(Worksheet D, In 3.(D))	231,880	W/S 0.1010	,
219 220	Stores Expense Prepayments (Account 165) - Labor Allocated	(Worksheet D, In 4.(D)) (Worksheet D, In 5.G)	- 104,773,318	GP(h) 0.1677 W/S 0.1010	
220 221	Prepayments (Account 165) - Labor Allocated Prepayments (Account 165) - Gross Plant	(Worksheet D, In 5.5)	3,386,442	GP(h) 0.1677	
222	Prepayments (Account 165) - Transmission Only	(Worksheet D, In 5.E)	-	DA 1.0000	•
223	Prepayments (Account 165) - Unallocable	(Worksheet D, In 5.D)	(102,502,956)	NA 0.0000	
224	TOTAL WORKING CAPITAL	(sum Ins 216 to 223)	8,518,049		13,631,911

(Note H) (Worksheet E, In 7.(B))

225

226

IPP CONTRIBUTIONS FOR CONSTRUCTION

RATE BASE (sum Ins 206, 213, 214, 224, 225)

(1,020,696)

2,100,209,368

DA

1.00000

### PUBLIC SERVICE COMPANY OF OKLAHOMA

(1) (2) (3) (4)

	(.)	(-)	(-)	`	- /	(-)
	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	TO Total	Allo	<u>cator</u>	Total <u>Transmission</u>
Line						
No.	OPERATION & MAINTENANCE EXPENSE					
227	Transmission	321.112.b	100,058,261			
228	Less: Total Account 561	(Note I) 321.84-92.b	15,009,855			
229	Less: Account 565	(Note J) 321.96.b	69,109,539			
230	Less: expenses 100% assigned to TO billed customers (Worksheet I, In 14)		<u> </u>			
231	Total O&M Allocable to Transmission	(Ins 227 - 228 - 229 - 230)	15,938,867	TP	0.93388	14,884,935
232	Administrative and General	323.197.b (Note K)	56,457,051			
233	Less: Acct. 924, Property Insurance	323.185.b	1,754,843			
234	Acct. 928, Reg. Com. Exp.	323.189.b	4,155,085			
235	Acct. 930.1, Gen. Advert. Exp.	323.191.b	242,278			
236	Acct. 930.2, Misc. Gen. Exp.	323.192.b	1,872,537			
237	Balance of A & G	(In 232 - sum In 233 to In 236)	48,432,308	W/S	0.10103	4,892,995
238	Plus: Acct. 924, Property Insurance	(In 233)	1,754,843	GP(h)	0.16773	294,333
239	Acct. 928 - Transmission Specific	Worksheet J In 20.(E) (Note L)	-	TP	0.93388	-
240	Acct 930.1 - Only safety related ads -Direct	Worksheet J In 34.(E) (Note L)	-	TP	0.93388	-
241	Acct 930.2 - Misc Gen. Exp Trans	Worksheet J In 43.(E) (Note L)	236,964	DA	1.00000	236,964
242	Less: PBOP Expense In Acct. 926 Adjustment	Worksheet J In 10.C (Note M)	(12,569,252)	W/S	0.10103	(1,269,840)
243	A & G Subtotal	(sum lns 237 to 241 less ln 242)	62,993,367			6,694,133
244	TOTAL O & M EXPENSE	(ln 231 + ln 243)	78,932,234			21,579,067
245	DEPRECIATION AND AMORTIZATION EXPENSE					
246	Transmission	336.7.f	15,385,707	TP	0.93388	14,368,351
247	Plus: Transmission Plant-in-Service Additions (Worksheet B)	000.7.1	N/A		0.0000	N/A
248	General	336.10.f	4,524,493	W/S	0.10103	457,098
249	Intangible	336.1.f	9,932,523	W/S	0.10103	1,003,458
250	TOTAL DEPRECIATION AND AMORTIZATION	(sum lns 246 to 249)	29,842,723	*****	0.10100	15,828,908
251	TAXES OTHER THAN INCOME	(Note N)				
252	Labor Related	(				
253	Payroll	Worksheet L, Col. D	4,754,650	W/S	0.10103	480,350
254	Plant Related		, - ,			
255	Property	Worksheet L, Col. C	32,133,476	GP(h)	0.16773	5,389,628
256	Gross Receipts/Sales & Use	Worksheet L, Col. F	168,591	NÀ	0.00000	, , , <u>-</u>
257	Other	Worksheet L, Col. E	150,218	GP(h)	0.16773	25,196
258	TOTAL OTHER TAXES	(sum lns 253 to 257)	37,206,935	( )		5,895,174
259	INCOME TAXES	(Note O)				
260	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		38.56%			
261	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =		42.11%			
262	where WCLTD=(In 298) and WACC = (In 301)					
263	and FIT, SIT & p are as given in Note O.					
264	GRCF=1 / (1 - T) = (from ln 260)		1.6276			
265	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, ln 19.c)	(1,868,433)			
266	Income Tax Calculation	(In 261 * In 269)	68,362,821			13,913,648
267	ITC adjustment	(In 264 * In 265)	(3,040,985)	NP(h)	0.19106	(581,015)
268	TOTAL INCOME TAXES	(sum Ins 266 to 267)	65,321,836			13,332,633
269	RETURN ON RATE BASE (Rate Base*WACC)	(In 226 * In 301)	162,350,919			33,042,720
270	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note E) (Worksheet E, In 2)		32,510	DA	1.00000	32,510
271	REVENUE REQUIREMENT BEFORE TEXAS GROSS MARGIN TAX		373,687,156			89,711,012
272	(sum Ins 244, 250, 258, 268, 269, 270)					_
273	TEXAS GROSS MARGIN TAX (Note P) (Worksheet K)		-	DA		-
274	REVENUE REQUIREMENT INCLUDING GROSS MARGIN TAX		373,687,156			89,711,012

### PUBLIC SERVICE COMPANY OF OKLAHOMA

### SUPPORTING CALCULATIONS

ln								
No.	TRANSMISSION PLANT INCLUDED IN SPP TARIFF							
275	Total transmission plant	(In 169)						815,430,062
276	Less transmission plant excluded from SPP Tariff (Worksheet A, In 23a Co	,						35,920,833
277	Less transmission plant included in OATT Ancillary Services (Worksheet A,	`						17,998,194
278	Transmission plant included in SPP Tariff	(ln 275 - ln 276 - ln 277)						761,511,035
279	Percent of transmission plant in SPP Tariff	(In 278 / In 275)					TP=	0.93388
				Payroll Billed from				
280	WAGES & SALARY ALLOCATOR (W/S)	(Note S)	Direct Payroll	AEP Service Corp.	Total			
281	Production	354.20.b	25,536,755	10,291,839	35,828,594	NA 0.0000	00	-
282	Transmission	354.21.b	3,780,846	4,481,855	8,262,701	TP 0.9338	88	7,716,343
283	Regional Market Expenses	354.22.b	0	0	-	NA 0.0000	00	-
284	Distribution	354.23.b	18,659,637	1,645,866	20,305,503	NA 0.0000	00	-
285	Other (Excludes A&G)	354.24,25,26.b	6,307,209	5,674,627	11,981,836	NA 0.000	00	<u>-</u>
286	Total	(sum Ins 281 to 285)	54,284,447	22,094,187	76,378,634			7,716,343
287	Transmission related amount						W/S=	0.10103
288	WEIGHTED AVERAGE COST OF CAPITAL (WACC)							\$
289	WEIGHTED AVEILAGE GOOT OF GAT TIME (WAGO)	Long Term Interest (Works	sheet M In 18 col (D))					61,279,457
290		Preferred Stock Dividends	. , ,					01,273,407
291	Development of Common Stock:	Treferred Glock Bividerias	(VVOINSHOOT WI, III. 22, 0	Oi. ( <i>D</i> ))				
292	Development of Common Glock.	Proprietary Capital (112.16	3 c)					1,119,986,871
293		Less Preferred Stock (In 2						-
294		Less Account 216.1 (112.1						_
295		Less Account 219.1 (112.1	•					4,184,017
296		Common Stock (In 292 - In	•					1,115,802,854
200		Common Glock (m 202 m	1200 111201 111200)	Capital Structure P	ercentages	Cost		1,110,002,001
297		\$		Actual	Cap Limit	_(Note T	')	Weighted
298	Long Term Debt (Worksheet M, In. 18, col. (B))	1,293,562,544	-	53.69%	0.00%	0.047		0.0254
299	Preferred Stock (Worksheet M, In. 22, col. (B))	1,295,502,544		0.00%	0.00%	0.047	-	0.0000
300	Common Stock (In 296) (Note U)	1,115,802,854		46.31%	0.00%	11.2	00/0	0.0519
301	Total (sum lns 298 to 300)	2,409,365,398	-	<del>1</del> 0.01/0	0.0070		VACC=	0.0773
301	10tai (3diii iii3 230 to 300)	2,409,303,390				•	1700-	0.0113
302	Capital Structure Equity Limit (Note U)	52.5%						

PUBLIC SERVICE COMPANY OF OKLAHOMA

<u>Letter</u> <u>Notes</u>

General Notes: a) References to data from FERC Form 1 are indicated as: page#.line#.col.#
b) If transmission owner ("TO") functionalizes its costs to transmission on its books, those costs are shown above and on any supporting work papers rather than using the allocations above.

- The revenue credits shall include a) amounts received directly from the SPP for PTP transmission services, b) direct assignment charges for transmission facilities, the cost of which has been included in the TCOS, and c) amounts from customers taking service under grandfathered agreements, where the demand is not included in the rate divisor. Revenues associated with FERC annual charges, gross receipts taxes, ancillarly services or facilities excluded from the TCOS are not included as revenue credits. Revenue from Transmission Customers whose coincident peak loads are included in the DIVISOR of the load-ratio share calculation are not included as revenue credits. See Worksheet A for details.
- B The annual and monthly net plant carrying charges on page 1 are used to compute the revenue requirement for facilities and any upgrades.
- This additional revenue requirement is determined using a net plant carrying charge (fixed carrying charge or FCR) approach. Worksheet G shows the calculation of the projected revenue requirement for each project, based on an FCR rate caclulated from inputs on this TCOS. Line 166 shows the incremental ARR for projects receiving incentives as accepted by FERC. These individual additional revenue requirements are summed for the true-up year, and included here.
- D The gross plant, accumulated depreciation, and deferred tax balances included in rate base are reduced by the removal of balances related to Asset Retirement Obligations (AROs). This is to comply with the requirements of FERC Rulemaking RM02-7-000.
- The total-company balances shown for Accounts 281, 282, 283, 190 only reflect ADIT that relates to utility operations.

  The balance of Account 255 is reduced by prior flow throughs and is completely excluded if the utility chose to utilize amortization of tax credits against FIT expense as discussed in Note N. An exception to this is pre-1971 ITC balances, which are required to be taken as an offset to rate base. Account 281 is not allocated. Transmission allocations are shown on Worksheet B.
- F Identified as being transmission related or functionally booked to transmission.

Ν

- G Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission on line 231.
- H Consistent with Paragraph 657 of Order 2003-A, the amount on line is equal to the balance of IPP System Upgrade Credits owed to transmission customers that made contributions toward the construction of System upgrades, and includes accrued interest and unreturned balance of contributions. The annual interest expense is included on line 270.
- I Removes the expense booked to transmission accounts included in the development of OATT ancillary services rates, including all of Account No. 561.
- J Removes cost of transmission service provided by others to the extent such service is not incurred to provide the SPP service at issue.
- K General Plant and Administrative & General expenses may be functionalized based on allocators other then the W/S allocator. Full documentation must be provided.
- Expense reported for these A&G accounts will be included in the cost of service only to the extent they are directly assignable to transmission service. Worksheet D allocates these expense items. Acct 928 Includes Regulatory Commission expenses itemized in FERC Form-1 at page 351, column H. FERC Assessment Fees and Annual Charges shall not be allocated to transmission. Only safety-related and educational advertising costs in Account 930.1 are included in the TCOS. Account 930.2 includes the expenses incurred by the transmission function for Associated Business Development revenues given as a credit to the TCOS on Worksheet E.
- M This line complies with FERC requirement that Other Post Employment Benefits remain constant from an initial test year. Changes in this base amount can only occur via approval of a 205 filing.
  - Includes only FICA, unemployment, property and other assessments charged in the current year. Gross Receipts tax, Sales & Use taxes, and taxes related to income are excluded.
- The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p =
  "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a
  work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that
  elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce
  rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f)
  (In 260) multiplied by (1/1-T). If the applicable tax rates are zero enter 0.

Inputs Required:

FIT = 35.00%

SIT= 5.47% (State Income Tax Rate or Composite SIT. Worksheet K))

p = 0.00% (percent of federal income tax deductible for state purposes)

- P Effective January 1, 2007, Texas instituted a gross margin tax. This tax is calculated on the Texas allocated revenue of the Company, reduced by 30% to derive a "Gross Margin" for the Company. The tax rate of one percent is assessed on the resulting amount. The jurisdictional allocator is based on transmission demand allocators.
- Q Removes plant excluded from the OATT because it does not meet the SPP's definition of Transmission Facilities or is otherwise ineligible to be recovered under the OATT.
- R Removes transmission plant (e.g. step-up transformers) included in the development of OATT ancillary service rates and not already removed for reasons indicated in Note Q.
- S Includes functional wages & salaries incurred by parent company service corporation for support of the operating company.
- T Long Term Debt cost rate = long-term interest (ln 289) / long term debt (ln 298). Preferred Stock cost rate = preferred dividends (ln 290) / preferred outstanding (ln 299). Common Stock cost rate (ROE) = 11.2%, the rate accepted by FERC in Docket No. ER07-XXX. It includes an additional 50 basis points for remaining a member of the SPP RTO.
- Per Settlement, equity is limited to 52.5% of PSO's Capital Structure. If the percentage of equity exceeds the cap, the excess is included in long term debt in the cap structure. This value cannot change prior to 2/1/11. After this date it can only be changed via an approved 205 or 206 filing.

AEP - SPP Formula Rate PSO TCOS - True-Up Page: 18 of 69

AEP West SPP Member Companies
Transmission Cost of Service Formula Rate
Utilizing Actual Cost Data for 2015 with Average Ratebase Balances

### PUBLIC SERVICE COMPANY OF OKLAHOMA

Line No. 1	REVENUE REQUIREMENT (w/o incentives)	(In 107)	Total	Alloo	cator	ansmission Amount \$91,021,133
2	REVENUE CREDITS	(Note A)			_	
3	Transmission Credits	(Worksheet H)	6,621,737	DA	1.00000	\$ 6,621,737
4	Assoc. Business Development	(Worksheet H)	196,537	DA	1.00000	\$ 196,537
5	Total Revenue Credits		6,818,274			\$ 6,818,274
6	REVENUE REQUIREMENT For All Company Facilities	(In 1 less In 5)				 \$84,202,859
MEMO		w is used in calculating project revenue requirements billed or these projects shown on line 7 is included in the total on		ntive revenue		
7			7,037,772	DA	1.00000	\$ 7,037,772
	Trued-Up Revenue Requirement for SPP BPU Regional F	acilities (w/o incentives) (Worksheet G)				
8	NET PLANT CARRYING CHARGE (w/o incentives) (Note	B)				
9	Annual Rate	(In 1/ In 39 x 100%)				16.20%
10	Monthly Rate	(In 9 / 12)				1.35%
11	NET PLANT CARRYING CHARGE ON LINE 9 , W/O DEF	RECIATION (w/o incentives) (Note B)				
12	Annual Rate	( (ln 1 - ln 83) / ln 39 x 100%)				13.64%
13	NET PLANT CARRYING CHARGE ON LINE 11, W/O INC	COME TAXES. RETURN (Note B)				
14	Annual Rate	( (ln 1 - ln 83 - ln 104 - ln 105) / ln 39 x 100%)				5.15%
15	ADDITIONAL REVENUE REQUIREMENT for projects w/	ncentive ROE's (Note C) (Worksheet G)				-

### PUBLIC SERVICE COMPANY OF OKLAHOMA

(1) (2) (3)

		Data Sources				Total
Line	RATE BASE CALCULATION	(See "General Notes")	<u>TO Total</u> NOTE D	Allo	cator	Transmission
No.	GROSS PLANT IN SERVICE		NOTED			
16	Production	(Worksheet A In 1.E)	1,456,355,647	NA	0.00000	-
17	Less: Production ARO (Enter Negative)	(Worksheet A In 2.E)	(31,179,794)	NA	0.00000	-
18	Transmission	(Worksheet A In 3.E & Ln 114)	802,170,437	DA	0.0000	748,310,251
19	Less: Transmission ARO (Enter Negative)	(Worksheet A In 4.E)	-	TP	0.93286	-
20	Distribution	(Worksheet A In 5.E)	2,143,246,717	NA	0.00000	_
21	Less: Distribution ARO (Enter Negative)	(Worksheet A In 6.E)	-	NA	0.00000	_
22	General Plant	(Worksheet A In 7.E)	160,710,492	W/S	0.10092	16,218,453
23	Less: General Plant ARO (Enter Negative)	(Worksheet A In 8.E)	(536,044)	W/S	0.10092	(54,096)
24	Intangible Plant	(Worksheet A In 9.E)	44,448,977	W/S	0.10092	4,485,666
25	TOTAL GROSS PLANT	(sum Ins 16 to 24)	4,575,216,431	GP(TU)=	0.16807	768,960,274
20		(64.11 11.10 10 10 10 17)	.,0.0,2.0,10.	GTD=	0.27235	. 66,666,21
26	ACCUMULATED DEPRECIATION AND AMORTIZATION	ON				
27	Production	(Worksheet A In 12.E)	751,534,285	NA	0.00000	-
28	Less: Production ARO (Enter Negative)	(Worksheet A In 13.E)	(4,345,834)	NA	0.00000	-
29	Transmission	(Worksheet A In 14.E & 28.E)	205,502,361	TP1=	0.90703	186,397,551
30	Less: Transmission ARO (Enter Negative)	(Worksheet A In 15.E)	· · · · · · · · · · · · · · · · · · ·	TP1=	0.90703	· · · · -
31	Distribution	(Worksheet A In 16.E)	538,492,118	NA	0.00000	-
32	Less: Distribution ARO (Enter Negative)	(Worksheet A In 17.E)	· ,	NA	0.00000	-
33	General Plant	(Worksheet A In 18.E)	73,098,015	W/S	0.10092	7,376,847
34	Less: General Plant ARO (Enter Negative)	(Worksheet A In 19.E)	(382,999)	W/S	0.10092	(38,651)
35	Intangible Plant	(Worksheet A In 20.E)	26,669,662	W/S	0.10092	2,691,428
36	TOTAL ACCUMULATED DEPRECIATION	(sum Ins 27 to 35)	1,590,567,606			196,427,174
37	NET PLANT IN SERVICE					
38	Production	(In 16 + In 17 - In 27 - In 28)	677,987,403			_
39	Transmission	(In 18 + In 19 - In 29 - In 30)	596,668,076			561,912,700
40	Distribution	(ln 20 + ln 21 - ln 31 - ln 32)	1,604,754,599			-
41	General Plant	(ln 22 + ln 23 - ln 33 - ln 34)	87,459,432			8,826,161
42	Intangible Plant	(In 24 - In 35)	17,779,316			1,794,239
43	TOTAL NET PLANT IN SERVICE	(sum Ins 38 to 42)	2,984,648,825	NP(TU)=	0.19183	572,533,099
44	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note E)				
45	Account No. 281.1 (enter negative)	272-273.8.k	-	NA		-
46	Account No. 282.1 (enter negative)	(Worksheet C, In 7.C & In 9.J)	(831,871,937)	DA		(142,034,553)
47	Account No. 283.1 (enter negative)	(Worksheet C, In 16.C & Ln 18.J)	(211,094,715)	DA		(30,514,437)
48	Account No. 190.1	(Worksheet C, In 25.C & Ln 27.J)	112,028,116	DA		9,328,035
49	Account No. 255 (enter negative)	(Worksheet C, In 34.C & Ln 36.J)	(81,692)	DA		(13,730)
50	TOTAL ADJUSTMENTS	(sum Ins 45 to 49)	(931,020,227)			(163,234,685)
51	PLANT HELD FOR FUTURE USE	(Worksheet A In 29.E & In 30.E)	230,714	DA		-
52	WORKING CAPITAL	(Note F)				
53	Cash Working Capital	(1/8 * In 68) (Note G)	1,992,358			1,858,585
54	Transmission Materials & Supplies	(Worksheet D, In 2.(F))	756,978	TP	0.93286	706,152
55	A&G Materials & Supplies	(Worksheet D, In 3.(F))	256,085	W/S	0.10092	25,843
56	Stores Expense	(Worksheet D, In 4.(F))	-	GP(TU)	0.16807	23,313
57	Prepayments (Account 165) - Labor Allocated	(Worksheet D, In 7.G)	103,257,425	W/S	0.10092	10,420,450
58	Prepayments (Account 165) - Gross Plant	(Worksheet D, In 7.F)	3,314,147	GP(TU)	0.16807	557,011
59	Prepayments (Account 165) - Transmission Only	(Worksheet D, In 7.E)	-	DA	1.00000	-
60	Prepayments (Account 165) - Unallocable	(Worksheet D, In 7.D)	(100,950,103)	NA	0.00000	_
61	TOTAL WORKING CAPITAL	(sum Ins 53 to 60)	8,626,890		2.0000	13,568,042
62	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note H) (Worksheet E, In 8.(B))	(1,055,633)	DA	1.00000	(1,055,633)
63	RATE BASE (sum Ins 43, 50, 51, 61, 62)		2,061,430,568			421,810,823

### PUBLIC SERVICE COMPANY OF OKLAHOMA

(1) (3) (4)

Line	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	TO Total	Allo	<u>cator</u>	Total <u>Transmission</u>
No.	OPERATION & MAINTENANCE EXPENSE					
64	Transmission	321.112.b	100,058,261			
			, ,			
65	Less: Total Account 561	(Note I) 321.84-92.b	15,009,855			
66	Less: Account 565	(Note J) 321.96.b	69,109,539			
67	Less: expenses 100% assigned to TO billed customers (		<u> </u>			
68	Total O&M Allocable to Transmission	(Ins 64 - 65 - 66 - 67)	15,938,867	TP	0.93286	14,868,683
69	Administrative and General	323.197.b (Note K)	56,457,051			
70	Less: Acct. 924, Property Insurance	323.185.b	1,754,843			
71	Acct. 928, Reg. Com. Exp.	323.189.b	4,155,085			
72	Acct. 930.1, Gen. Advert. Exp.	323.191.b	242,278			
73	Acct. 930.2, Misc. Gen. Exp.	323.192.b	1,872,537			
74	Balance of A & G	(In 69 - sum In 70 to In 73)	48,432,308	W/S	0.10092	4,887,653
		,				• •
75 70	Plus: Acct. 924, Property Insurance	(ln 70)	1,754,843	GP(TU)	0.16807	294,938
76	Acct. 928 - Transmission Specific	(Note I) 321.84-92.b	-	TP	0.93286	-
77	Acct 930.1 - Only safety related ads -Direct	(Note J) 321.96.b	-	GP(TU)	0.16807	-
78	Acct 930.2 - Misc Gen. Exp Trans	Worksheet J In 43.(E) (Note L)	236,964	DA	1.00000	236,964
79	Less: PBOP Expense In Acct. 926 Adjustment	Worksheet J In 10.C (Note M)	(12,569,252)	W/S	0.10092	(1,268,454)
80	A & G Subtotal	(sum lns 74 to 78 less ln 79)	62,993,367			6,688,009
81	TOTAL O & M EXPENSE	(In 68 + In 80)	78,932,234			21,556,691
00	DEDDEOLATION AND AMODELZATION EVENUE					
82	DEPRECIATION AND AMORTIZATION EXPENSE	000 = (	45.005.505		0.0000	44.050.000
83	Transmission	336.7.f	15,385,707	TP	0.93286	14,352,663
84	General	336.10.f	4,524,493	W/S	0.10092	456,599
85	Intangible	336.1.f	9,932,523	W/S	0.10092	1,002,362
86	TOTAL DEPRECIATION AND AMORTIZATION	(sum Ins 83 to 85)	29,842,723			15,811,625
87	TAXES OTHER THAN INCOME	(Note N)				
88	Labor Related					
89	Payroll	Worksheet L, Col. D	4,754,650	W/S	0.10092	479,826
90	Plant Related	,	, ,			,
91	Property	Worksheet L, Col. C	32,133,476	GP(TU)	0.16807	5,400,699
92	Gross Receipts/Sales & Use	Worksheet L, Col. F	168,591	NA	0.00000	-
93	Other	Worksheet L, Col. E	150,218	GP(TU)	0.16807	25,247
		•	· · · · · · · · · · · · · · · · · · ·	GP(10)	0.10007	
94	TOTAL OTHER TAXES	(sum Ins 89 to 93)	37,206,935			5,905,772
95	INCOME TAXES	(Note O)				
96	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =	,	38.56%			
97	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =		41.51%			
98	where WCLTD=(In 134) and WACC = (In 137)		1110170			
99	and FIT, SIT & p are as given in Note O.					
			1.6276			
100	GRCF=1/(1-T) = (from In 96)	(FF4 = 444 l= 40 =)				
101	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, ln 19.c)	(1,868,433)			
102	Income Tax Calculation	(In 97 * In 105)	69,233,506			14,166,590
103	ITC adjustment	(ln 100 * ln 101)	(3,040,985)	NP(TU)	0.19183	(583,340)
104	TOTAL INCOME TAXES	(sum Ins 102 to 103)	66,192,521	()	01.0.00	13,583,250
105	RETURN ON RATE BASE (Rate Base*WACC)	(In 63 * In 137)	166,802,912			34,131,285
106	INTEREST ON IPP CONTRIBUTION FOR CONST. (No	te E) (Worksheet E, In 2)	32,510	DA	1.00000	32,510
107	REVENUE REQUIREMENT BEFORE TEXAS GROSS N	ΛΑΡΩΙΝ ΤΔΥ	379,009,835			91,021,133
107	(sum lns 81, 86, 94, 104, 105, 106)	WANGIN TAX	<u> </u>			91,021,133
100	(33 31, 33, 31, 131, 133, 133)					
109	TEXAS GROSS MARGIN TAX (Note P) (Worksheet K)		-	DA		-
110	REVENUE REQUIREMENT INCLUDING GROSS MARG	GIN TAX	379,009,835			91,021,133
-						,- ,

### PUBLIC SERVICE COMPANY OF OKLAHOMA

### SUPPORTING CALCULATIONS

No.	TRANSMISSION PLANT INCLUDED IN SPP TARIFF							
111	Total transmission plant	(ln 18)						802,170,437
112	Less transmission plant excluded from SPP Tariff (Wor							35,920,833
113	Less transmission plant included in OATT Ancillary Serv	, , , , , , , , , , , , , , , , , , , ,						17,939,353
114	Transmission plant included in SPP Tariff	(ln 111 - ln 112 - ln 113)						748,310,251
115	Percent of transmission plant in SPP Tariff	(In 114 / In 111)					TP=	0.93286
				Payroll Billed from				
116	WAGES & SALARY ALLOCATOR (W/S)	(Note S)	Direct Payroll	AEP Service Corp.	Total			
117	Production	354.20.b	25,536,755	10,291,839	35,828,594	NA	0.0000	-
118	Transmission	354.21.b	3,780,846	4,481,855	8,262,701	TP	0.93286	7,707,918
119	Regional Market Expenses	354.22.b	0	0	-	NA	0.0000	-
120	Distribution	354.23.b	18,659,637	1,645,866	20,305,503	NA	0.0000	-
121	Other (Excludes A&G)	0	6,307,209	5,674,627	11,981,836	NA	0.00000	-
122	Total	(sum Ins 117 to 121)	54,284,447	22,094,187	76,378,634			7,707,918
123	Transmission related amount						W/S=	0.10092
124	WEIGHTED AVERAGE COST OF CAPITAL (WACC)							\$
124 125	WEIGHTED AVERAGE COST OF CAPITAL (WACC) Long Term Interest	Long Term Interest (Worksheet N. In. 19, c	ol. (E))					
125	WEIGHTED AVERAGE COST OF CAPITAL (WACC) Long Term Interest Preferred Dividends	Long Term Interest (Worksheet N, In. 19, c Preferred Stock Dividends (Worksheet N, I	` ''					\$ 61,327,406
	Long Term Interest Preferred Dividends	Long Term Interest (Worksheet N, In. 19, c Preferred Stock Dividends (Worksheet N, I	` ''					61,327,406
125 126	Long Term Interest Preferred Dividends Development of Common Stock:	Preferred Stock Dividends (Worksheet N, I	` ''					61,327,406 - Average
125 126 127	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital	Preferred Stock Dividends (Worksheet N, IIII) (Worksheet N, In. 1, col. (E))	` ''					61,327,406
125 126 127 128	Long Term Interest Preferred Dividends Development of Common Stock:	Preferred Stock Dividends (Worksheet N, I	` ''					61,327,406 - Average
125 126 127 128 129	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135)	Preferred Stock Dividends (Worksheet N, IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	` ''					61,327,406 - Average
125 126 127 128 129 130	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1	Preferred Stock Dividends (Worksheet N, In (Worksheet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E))	` ''					61,327,406 - Average 1,074,100,599 - - 4,563,327
125 126 127 128 129 130 131	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1 Less Account 219	Preferred Stock Dividends (Worksheet N, In (Worksheet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E)) (Worksheet N, In. 4, col. (E))	` ''	<u>Capital Structure P</u>	<u>ercentages</u>		Cost	61,327,406 - Average 1,074,100,599 - -
125 126 127 128 129 130 131	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1 Less Account 219	Preferred Stock Dividends (Worksheet N, In (Worksheet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E)) (Worksheet N, In. 4, col. (E)) (In 128 - In 129 - In 130 - In 131)	` ''	<b>Capital Structure P</b> Actual	<u>ercentages</u> Cap Limit		Cost (Note S)	61,327,406 - Average 1,074,100,599 - - 4,563,327
125 126 127 128 129 130 131	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1 Less Account 219	Preferred Stock Dividends (Worksheet N, In (Worksheet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E)) (Worksheet N, In. 4, col. (E))	` ''			_		61,327,406 
125 126 127 128 129 130 131 132	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1 Less Account 219 Common Stock	Preferred Stock Dividends (Worksheet N, In. (Worksheet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E)) (Worksheet N, In. 4, col. (E)) (In 128 - In 129 - In 130 - In 131)  2015 Avg Balances	` ''	Actual	Cap Limit	_	(Note S)	61,327,406 
125 126 127 128 129 130 131 132	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1 Less Account 219 Common Stock  Avg Long Term Debt (Worksheet N, In. 10, col. (E))	Preferred Stock Dividends (Worksheet N, In. (Worksheet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E)) (Worksheet N, In. 4, col. (E)) (In 128 - In 129 - In 130 - In 131)  2015 Avg Balances	` ''	Actual 52.22%	Cap Limit 0.00%	_	(Note S) 5.25%	61,327,406 
125 126 127 128 129 130 131 132 133 134 135	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1 Less Account 219 Common Stock  Avg Long Term Debt (Worksheet N, In. 10, col. (E)) Avg Preferred Stock (Worksheet N, In. 46, col. (E))	Preferred Stock Dividends (Worksheet N, In. (Worksheet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E)) (Worksheet N, In. 4, col. (E)) (In 128 - In 129 - In 130 - In 131)  2015 Avg Balances  1,168,776,136	` ''	Actual 52.22% 0.00%	Cap Limit 0.00% 0.00%		(Note S) 5.25% 0.00%	61,327,406

PUBLIC SERVICE COMPANY OF OKLAHOMA

<u>Letter</u> <u>Notes</u>

General Notes: a) References to data from FERC Form 1 are indicated as: page#.line#.col.#

- b) If transmission owner ("TO") functionalizes its costs to transmission on its books, those costs are shown above and on any supporting work papers rather than using the allocations above.
- A The revenue credits shall include a) amounts received directly from the SPP for PTP transmission services, b) direct assignment charges for transmission facilities, the cost of which has been included in the TCOS, and c) amounts from customers taking service under grandfathered agreements, where the demand is not included in the rate divisor. Revenues associated with FERC annual charges, gross receipts taxes, ancillarly services or facilities excluded from the TCOS are not included as revenue credits. Revenue from Transmission Customers whose coincident peak loads are included in the DIVISOR of the load-ratio share calculation are not included as revenue credits. See Worksheet A for details.
- B The annual and monthly net plant carrying charges on page 1 are used to compute the revenue requirement for facilities and any upgrades.
- This additional revenue requirement is determined using a net plant carrying charge (fixed carrying charge or FCR) approach. Worksheet G shows the calculation of the trued-up revenue requirement for each project, based on an FCR rate caclulated from inputs on this TCOS. Line 15 shows the incremental ARR for projects receiving incentives as accepted by FERC. These individual additional revenue requirements are summed for the true-up year, and included here.
- The gross plant, accumulated depreciation, and deferred tax balances included in rate base are reduced by the removal of balances related to Asset Retirement Obligations (AROs). This is to comply with the requirements of FERC Rulemaking RM02-7-000.
- The total-company balances shown for Accounts 281, 282, 283, 190 only reflect ADIT that relates to utility operations. The balance of Account 255 is reduced by prior flow throughs and is completely excluded if the utility chose to utilize amortization of tax credits against FIT expense as discussed in Note N. An exception to this is pre-1971 ITC balances, which are required to be taken as an offset to rate base. Account 281 is not allocated. Transmission allocations are shown on Worksheet C.
- F Identified as being transmission related or functionally booked to transmission.
- G Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission on line 68.
- H Consistent with Paragraph 657 of Order 2003-A, the amount on line is equal to the balance of IPP System Upgrade Credits owed to transmission customers that made contributions toward the construction of System upgrades, and includes accrued interest and unreturned balance of contributions. The annual interest expense is included on line 106.
- I Removes the expense booked to transmission accounts included in the development of OATT ancillary services rates, including all of Account No. 561.
- J Removes cost of transmission service provided by others to the extent such service is not incurred to provide the SPP service at issue.
- K General Plant and Administrative & General expenses may be functionalized based on allocators other then the W/S allocator. Full documentation must be provided.
- Expense reported for these A&G accounts will be included in the cost of service only to the extent they are directly assignable to transmission service. Worksheet D allocates these expense items. Acct 928 Includes Regulatory Commission expenses itemized in FERC Form-1 at page 351, column H. FERC Assessment Fees and Annual Charges shall not be allocated to transmission. Only safety-related and educational advertising costs in Account 930.1 are included in the TCOS. Account 930.2 includes the expenses incurred by the transmission function for Associated Business Development revenues given as a credit to the TCOS on Worksheet E.
- M
  This line complies with FERC requirement that Other Post Employment Benefits remain constant from an initial test year. Changes in this base amount can only occur via approval of a 205 filing.
  - Includes only FICA, unemployment, property and other assessments charged in the current year. Gross Receipts tax, Sales & Use taxes, and taxes related to income are excluded.
- The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p =
  "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a
  work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that
  elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce
  rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f)
  (In 96) multiplied by (1/1-T). If the applicable tax rates are zero enter 0.

nuitiplied by (1/1)
Inputs Required:

Ν

FII = SIT=

p =

35.00%

5.47% (State Income Tax Rate or Composite SIT. Worksheet K)
0.00% (percent of federal income tax deductible for state purposes)

- P Effective January 1, 2007, Texas instituted a gross margin tax. This tax is calculated on the Texas allocated revenue of the Company, reduced by 30% to derive a "Gross Margin" for the Company. The tax rate of one percent is assessed on the resulting amount. The jurisdictional allocator is based on transmission demand allocators.
- Q Removes plant excluded from the OATT because it does not meet the SPP's definition of Transmission Facilities or is otherwise ineligible to be recovered under the OATT.
- R Removes transmission plant (e.g. step-up transformers) included in the development of OATT ancillary service rates and not already removed for reasons indicated in Note Q.
- S Includes functional wages & salaries incurred by parent company service corporation for support of the operating company.
- Long Term Debt cost rate = long-term interest (ln 125) / long term debt (ln 134). Preferred Stock cost rate = preferred dividends (ln 126) / preferred outstanding (ln 135). Common Stock cost rate (ROE) = 11.2%, the rate accepted by FERC in Docket No. ER07-XXX. It includes an additional 50 basis points for remaining a member of the SPP RTO.
- Per Settlement, equity is limited to 52.5% of PSO's Capital Structure. If the percentage of equity exceeds the cap, the excess is included in long term debt in the cap structure. This value cannot change prior to 2/1/11. After this date it can only be changed via an approved 205 or 206 filing.

### AEP West SPP Member Companies 2016 Cost of Service Formula Rate Worksheet A - Detail Plant Balances

**************	Dotail Flair Dalariood
<b>PUBLIC SERVICE C</b>	OMPANY OF OKLAHOMA

Line	(A)	(B)	(C) Balances @	(D) Balances	(E) Average Balance for			
<u>Number</u>	Rate Base Item & Supporting Balance	Source of Data	12/31/2015	12/31/2014	2015			
NOTE: Functional ARO investment and accumulated depreciation balances shown below are included in the total functional balances shown here.								
Plant Investm	ent Balances							
1	Production Plant In Service	FF1, page 205 Col.(g) & pg. 204 Col. (b), ln 46	1,475,502,682	1,437,208,612	1,456,355,647			
2	Production Asset Retirement Obligation (ARO)	FF1, page 205&204, Col.(g)&(b), Ins 15,24,34,44	34,973,963	27,385,625	31,179,794			
3	Transmission Plant In Service	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 58	815,430,062	788,910,811	802,170,437			
4	Transmission Asset Retirement Obligation	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 57	•					
5	Distribution Plant In Service	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 75	2,206,508,992	2,079,984,442	2,143,246,717			
6	Distribution Asset Retirement Obligation	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 74		-	-			
7	General Plant In Service	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 99	157,148,220	164,272,763	160,710,492			
8	General Asset Retirement Obligation	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 98	518,435	553,653	536,044			
9	Intangible Plant In Service	FF1, page 205 Col.(g) & pg. 204 Col. (b), ln 5	38,844,829	50,053,125	44,448,977			
10	Total Property Investment Balance	(Sum of Lines: 1, 3, 5, 7, 9)	4,693,434,785	4,520,429,753	4,606,932,269			
11	Total ARO Balance (included in total on line 10)	(Sum of Lines: 2, 4, 6, 8)	35,492,398	27,939,278	31,715,838			
<u>Accumulated</u>	Depreciation & Amortization Balances							
12	Production Accumulated Depreciation	FF1, page 219, Ins 20-24, Col. (b)	759,321,650	743,746,919	751,534,285			
13	Production ARO Accumulated Depreciation	Company Records	4,972,667	3,719,001	4,345,834			
14	Transmission Accumulated Depreciation	FF1, page 219, In 25, Col. (b)	208,745,843	202,258,878	205,502,361			
15	Transmission ARO Accumulated Depreciation	Company Records	-		-			
16	Distribution Accumulated Depreciation	FF1, page 219, ln 26, Col. (b)	554,330,144	522,654,092	538,492,118			
17	Distribution ARO Accumulated Depreciation	Company Records	•	-	-			
18	General Accumulated Depreciation	FF1, page 219, ln 28, Col. (b)	67,375,992	78,820,037	73,098,015			
19	General ARO Accumulated Depreciation	Company Records	395,275	370,722	382,999			
20	Intangible Accumulated Amortization	FF1, page 200, In 21, Col. (b)	21,128,855	32,210,468	26,669,662			
21	Total Accumulated Depreciation or Amortization	(Sum of Lines: 12, 14, 16, 18, 20)	1,610,902,484	1,579,690,394	1,595,296,439			
22	Total ARO Balance (included in total on line 21)	(Sum of Lines: 13, 15, 17, 19)	5,367,942	4,089,723	4,728,833			
Generation S								
23 24	GSU Investment Amount GSU Accumulated Depreciation	Company Records Company Records	17,998,194 3,911,553	17,880,512 3,638,749	17,939,353 3,775,151			
25	GSU Net Balance	(Line 23 - Line 24)	14,086,641	14,241,763	14,164,202			
Transmission	Plant Excluded from SPP Tariff (see TCOS Note Q)							
23a	Excluded Facilities Investment Amount	Company Records	35,920,833	35,920,833	35,920,833			
24a 25a	Excluded Facilities Accumulated Depreciation Excluded Facilities Net Balance	Company Records (Line 23a - Line 24a)	15,674,141 20,246,692	14,985,176 20,935,657	15,329,659 20,591,174			
		,	20,240,032	20,933,037	20,591,174			
	Accumulated Depreciation Net of GSU/Excluded Faci	<del>-</del>	200 745 042	202 250 270	205 502 204			
26 27	Transmission Accumulated Depreciation	(Line 14 Above)	208,745,843	202,258,878	205,502,361			
21	Less: GSU & Excl Facilities Acc Dep  Subtotal of Transmission Accumulated Depreciation	(Line 24 + Line 24a Above)	19,585,694	18,623,925	19,104,810			
28	Net of GSU/Excluded Facilities	(Line 26 - Line 27)	189,160,149	183,634,953	186,397,551			
Plant Held Fo	r Future Use							
29	Plant Held For Future Use	FF1, page 214, ln 47, Col. (d)	225,408	236,021	230,714			
30	Transmission Plant Held For Future	Company Records		-	-			

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# AEP West SPP Member Companies 2016 Cost of Service Formula Rate Projected on 2015 FF1 Balances Worksheet B - Projected Transmission Plant in Service Additions PUBLIC SERVICE COMPANY OF OKLAHOMA

### I. Calculation of Composite Depreciation Rate

1	Transmission Plant @ Beginning of Historic Period (2015) (P.206, In 58,(b)):	788,910,811
2	Transmission Plant @ End of Historic Period (2015) (P.207, In 58,(g)):	815,430,062
3		1,604,340,873
4	Average Balance of Transmission Investment	802,170,437
5	Annual Depreciation Expense, Historic TCOS, In 246	15,385,707
6	Composite Depreciation Rate	1.92%
7	Round to 2% to Reflect a Composite Life of 50 Years	2.00%

### II. Calculation of Property Placed in Service by Month and the Related Depreciation Expense

8	Month in Service	Сар	italized Balance	Composite Annual Depreciation Rate	Annual epreciation	Мо	nthly Depreciation	No. Months Depreciation	First Year Depreciation Expense
9	January	\$	873,323	2.00%	\$ 17,466	\$	1,456	11	\$ 16,016
10	February	\$	1,022,209	2.00%	\$ 20,444	\$	1,704	10	\$ 17,040
11	March	\$	4,629,256	2.00%	\$ 92,585	\$	7,715	9	\$ 69,435
12	April	\$	906,628	2.00%	\$ 18,133	\$	1,511	8	\$ 12,088
13	May	\$	873,323	2.00%	\$ 17,466	\$	1,456	7	\$ 10,192
14	June	\$	1,814,694	2.00%	\$ 36,294	\$	3,024	6	\$ 18,144
15	July	\$	873,323	2.00%	\$ 17,466	\$	1,456	5	\$ 7,280
16	August	\$	966,378	2.00%	\$ 19,328	\$	1,611	4	\$ 6,444
17	September	\$	936,489	2.00%	\$ 18,730	\$	1,561	3	\$ 4,683
18	October	\$	1,116,665	2.00%	\$ 22,333	\$	1,861	2	\$ 3,722
19	November	\$	1,351,781	2.00%	\$ 27,036	\$	2,253	1	\$ 2,253
20	December	\$	14,924,509	2.00%	\$ 298,490	\$	24,874	0	\$ -
21	Investment	\$	30,288,573				Depr	eciation Expense	\$ 167,297

### **III. Plant Transferred**

22	\$ -	<== This input area is for original cost plant
23	\$ -	<== This input area is for accumulated depreciation that may be associated with capital
		expenditures. It would have an impact if a company had assets transferred from a subsidiary.
24 (Ln 7 * Ln 22)	\$ -	<== This input area is for additional Depreciation Expense

# AEP West SPP Member Companies 2016 Cost of Service Formula Rate Worksheet C - ADIT Balances used in Projection & True-Up PUBLIC SERVICE COMPANY OF OKLAHOMA

Line <u>No.</u>	(A)	(B) <u>Description</u>	(C) <u>YE Balance</u>	(E)  Exclusions *	(F) 100% Transmission <u>Related</u>	(G) PTD Plant <u>Related</u>	(H) Transmission & Distribution Plant Related	(I) Labor <u>Related</u>	(J) Total Included in Rate base (E)+(F)+(G)+(H)
1	282.1	Account 282 - Form-1 page 274-275, Ln 2 Col. (k)  282 Balance to Use in Projection  2015 Year End Tax Deferrals - WS C-1	(863,023,268)	15,603,336	<u>-</u>	(869,381,067)	-	(9,245,537)	
2 3	282.1 282.1	Transmission Allocator from Historic TCOS [GP or W/S] Allocated Total		<u>0.0000%</u> 0	<u>100.0000%</u> 0	<u>16.7726%</u> (145,818,052)	<u>26.9837%</u> 0	10.1028% (934,054)	(146,752,106)
4 5	282.1 282.1	282 Balance to Use in True-Up 2015 Year End Tax Deferrals - WS C-1 2014 Year End Tax Deferrals - WS C-2	(863,023,268) (800,720,606)	15,603,336 17,146,475	-	(869,381,067) (811,299,020)		(9,245,537) (6,568,061)	
6 7 8 9		Subtotal Average Balance Transmission Allocator from True-Up TCOS [GP or W/S] Allocated Total	(1,663,743,874) (831,871,937)	32,749,812 16,374,906 <u>0.0000%</u> 0	- 0 <u>100.0000%</u> 0	(1,680,680,088) (840,340,044) <u>16.8071%</u> (141,236,621)	- 0 <u>27.2345%</u> 0	(15,813,598) (7,906,799) <u>10.0917%</u> (797,932)	(142,034,553)
10 11 12	283.1 283.1	Account 283 - Form-1 page 276-277, Ln 9, Col (k)  283 Balance to Use in Projection  2015 Year End Tax Deferrals - WS C-1  Transmission Allocator from Historic TCOS [GP or W/S]  Allocated Total	(224,981,753)	(27,169,935) 0.0000%	- <u>100.0000%</u> 0	(165,205,160) <u>16.7726%</u> (27,700,247)	(1,594,919) <u>26.9837%</u> (420,368)	(31,011,740) 10.1028% (3.132,020)	(24.272.652)
13 14	283.1 283.1 283.1	283 Balance to Use in True-Up 2015 Year End Tax Deferrals - WS C-1 2014 Year End Tax Deferrals - WS C-2	(224,981,753) (197,207,676)	(27,169,935) (8,695,658)	- -	(27,709,247) (165,205,160) (156,368,818)	(430,368) (1,594,919) (1,014,363)	(3,133,039) (31,011,740) (31,128,836)	(31,272,653)
15 16 17 18		Subtotal Average Balance Transmission Allocator from True-Up TCOS [GP or W/S] Allocated Total	(422,189,429) (211,094,715)	(35,865,593) (17,932,796) <u>0.0000%</u> 0	0 100.0000% 0	(321,573,978) (160,786,989) <u>16.8071%</u> (27,023,597)	(2,609,282) (1,304,641) <u>27.2345%</u> (355,313)	(62,140,576) (31,070,288) <u>10.0917%</u> (3,135,526)	(30,514,437)
		Account 190 - Form-1 page 234, Ln 8, Col. ( c)							
19 20 21	190.1 190.1 190.1	190 Balance to Use in Projection 2015 Year End Tax Deferrals - Ws C-1 Transmission Allocator from Historic TCOS [GP or W/S] Allocated Total	128,137,563	65,659,033 <u>0.0000%</u> 0	<u>-</u> <u>100.0000%</u> 0	50,392,762 <u>16.7726%</u> 8,452,191	<u>26.9837%</u> 0	12,085,767 <u>10.1028%</u> 1,220,995	9,673,185
22 23	190.1 190.1	190 Balance to Use in True-Up 2015 Year End Tax Deferrals - Ws C-1 2014 Year End Tax Deferrals - Ws C-2	128,137,563 95,918,669	65,659,033 38,406,317	-	50,392,762 47,099,044	-	12,085,767 10,413,308	
24 25 26 27		Subtotal Average Balance Transmission Allocator from True-Up TCOS [GP or W/S] Allocated Total	224,056,231 112,028,116	104,065,350 52,032,675 <u>0.0000%</u> 0	- 0 <u>100.0000%</u> 0	97,491,806 48,745,903 <u>16.8071%</u> 8,192,763	- 0 <u>27.2345%</u> 0	22,499,075 11,249,537 <u>10.0917%</u> 1,135,272	9,328,035
28	255.0	Account 255 - Form-1 page 266-267  255 Balance to Use in Projection  Acc Defrd ITC - Federal - 12/31/2015 (FF1 p. 267, Ln 2.h)	(53,780)		<u> </u>	Pre 1971 ITC ncludable in Rate Base (53,780)			
29 30	255.0 255.0	Transmission Allocator from Historic TCOS [GP or W/S] Allocated Total		<u>N/A</u>	<u>N/A</u>	<u>16.7726%</u> (9,020)	<u>N/A</u>	<u>N/A</u>	(9,020)
31 32	255.0 255.0	255 Balance to Use in True-Up  Acc Defrd ITC - Federal - 12/31/2015 (FF1 p. 267, Ln 2.h)  Acc Defrd ITC - Federal - 12/31/2014 (FF1 p. 266, Ln 2.b)	(53,780) (109,603)			(53,780) (109,603)			
33 34 35 36		Subtotal Average Balance Transmission Allocator from True-Up TCOS [GP or W/S] Allocated Total	(163,383) (81,692)	<u>N/A</u>	<u>N/A</u>	(163,383) (81,692) <u>16.8071%</u> (13,730)	<u>N/A</u>	<u>N/A</u>	(13,730)

<sup>\*</sup> Exclusions: Non-utility, fuel supply, off-system sales and other items as specified related to costs not included in rates.

### Worksheet C-1 - ADIT & ITC Details

### PUBLIC SERVICE COMPANY OF OKLAHOMA DETAIL OF DEFERRED INCOME TAX BALANCES AS OF DECEMBER 31, 2015

				Allocation		Allocation Method 100%		
Account	Line #	Description	Balance	Basis	Exclusions	Transmission PTD Plant	T&D	Labor
2821001 2821001	210E 230A	LIBERALIZED DEPR-ELIG DFL ACRS BENEFIT NORMALIZED	(186,118,660) (482,652,248)	PTD PTD		(186,118,660) (482,652,248)		
2821001 2821001	230G 230I	ACRS-ACCRUED BK REMOVAL COSTS CAPD INTEREST-SECTION 481(a)-CHANGE IN METHD	(16,947,671) (1,257,723)	PTD PTD		(16,947,671) (1,257,723)		
2821001 2821001	230J 230X	RELOCATION CST-SECTION 481(a)-CHANGE IN METHD  R & D DEDUCTION - SEC 174	92,625	PTD PTD		92,625		
2821001	280H	BK PLANT IN SERVICE - SFAS 143 - ARO	(3,749,971) (9,392,514)	E	(9,392,514)	(3,749,971)		
2821001 2821001	295A 295C	GAIN/LOSS ON ACRS/MACRS PROPERTY GAIN/LOSS-ACRS/MACRS-BK/TX UNIT PROP	(16,609,944) 3,128,710	PTD PTD		(16,609,944) 3,128,710		
2821001 2821001	320A 380J	ABFUDC INT EXP CAPITALIZED FOR TAX	(8,641,418) 15,139,863	PTD PTD		(8,641,418) 15,139,863		
2821001 2821001	390A 510H	CIAC - BOOK RECEIPTS PROPERTY TAX-NEW METHOD-BOOK	15,927,455 (66,677)	E PTD	15,927,455	(66,677)		
2821001 2821001	532A 532C	PERCENT REPAIR ALLOWANCE BOOK/TAX UNIT OF PROPERTY ADJ	(22,694,348) (38,234,299)	PTD PTD		(22,694,348) (38,234,299)		
2821001 2821001	532D 534A	BK/TX UNIT OF PROPERTY ADJ-SEC 481 ADJ CAPITALIZED RELOCATION COSTS	(8,562,380) (18,944,456)	PTD PTD		(8,562,380) (18,944,456)		
2821001 2821001	630R 651A	ACCRD ENERGY CONSERV EXPEND IMPAIRED ASSETS RES-FAS 121-BK	(178,005) (178,005) 10,996,441	PTD E	10,996,441	(178,005)		
2821001	710H	AMORT ELEC PLT ACQ ADJS	51,037	E	51,037			
2821001 2821001	710T 710U	AMORT CHELSEA MUN AUTH-TX CHELSEA ACQUSITON ADJ-25 YR TX	31,820 134,172	E E	31,820 134,172			
2821001 2821001	710V 711J	PLANT ACQUSITION ADJ-CSIAP-TX CASUALTY LOSS-STORMS	150,789 0	E PTD	150,789	0		
2821001 2821001	711N 711O	CAPITALIZED SOFTWARE COSTS-TAX BOOK LEASES CAPITALIZED FOR TAX	6,611 (1,276,758)	Labor PTD		(1,276,758)		6,611
2821001 2821001	712K 910K	CAPITALIZED SOFTWARE COST-BOOK REMOVAL CST	(9,252,147) (90,535,846)	Labor PTD		(90,535,846)		(9,252,147)
2821001 2821001	910N 930A	ACCRUED BK REMOVAL COST - ACRS BOOK > TAX BASIS-PRTSHP INVEST	14,486,761 (2,940,256)	PTD E	(2,940,256)	14,486,761		
2821001 2821001	930J 940I	PROV FOR WRITEDOWN OF INVEST 1985-1987 IRS AUDIT SETTLEMENT	644,392 (135,065)	E PTD	644,392	(135,065)		
2821001	960F-XS	EXCESS ADFIT 282	(5,623,558)	PTD		(5,623,558)		
2821001	(absolute v	TOTAL ELECTRIC ACCOUNT SUBTOTAL	(863,023,268)		15,603,336	0 (869,381,067)	0	(9,245,537)
	(absolute v	value Total Company Amount Ties to FF1 p.275(k) Acct 282 Electric)	(863,023,268)					
2831001	014A-DSITC	ADSITC STATE C/F-DEF STATE TAX ASSET-L/T	(2,508,158)	E	(2,508,158)			
2831001 2831001	014C-DSIT 433B	NOL-STATE C/F-DEF STATE TAX ASSET-L/T INTEREST-FUEL OVER/UNDER RECOVERY	(3,818,521) 1,490	E E	(3,818,521) 1,490			
2831001 2831001	533I 575E	INDIAN RESERVATION SECTION 481a ADJUSTMENT MTM BK GAIN-A/L-TAX DEFL	(7,888,363) (200,009)	PTD E	(200,009)	(7,888,363)		
2831001 2831001	576E 605B	MARK & SPREAD-DEFL-283-A/L ACCRUED BK PENSION EXPENSE	39,580 (30,339,851)	E Labor	39,580			(30,339,851)
2831001 2831001	605C 612E	ACCRUED BK PENSION COSTS - SFAS 158 ACCRUED RAIL SETTLEMENT - BNFS	32,620,203	E E	32,620,203 0			( , , , ,
2831001 2831001	630J 630M	DEFD STORM DAMAGE RATE CASE DEFD CHGS	(9,692,778) (798,749)	PTD PTD	ŗ	(9,692,778) (798,749)		
2831001	632U	BK DEFL-DEMAND SIDE MNGMT EXP	(4,139,747)	PTD	(45,000)	(4,139,747)		
2831001 2831001	638A 660M	BOOK > TAX BASIS - EMA-A/C 283 REG ASSET-CARRY COST ON STRANDED COST	(15,668)	E E	(15,668) 0			
2831001 2831001	660N 660R	REG ASSET-DEFD CARRY COST ON STRANDED COST REG ASSET-DEFD ACCR VEGETATION MGT EXPENSE	(0) (1,594,919)	PTD T&D		(0)	(1,594,919)	
2831001 2831001	661R 661S	REG ASSET-SFAS 158 - PENSIONS REG ASSET-SFAS 158 - SERP	(32,620,203) (412,817)	E E	(32,620,203) (412,817)			
2831001 2831001	661T 661V	REG ASSET-SFAS 158 - OPEB REG ASSET-RED ROCK FACILITY	(257,691) (1,686,835)	E E	(257,691) (1,686,835)			
2831001 2831001	663C 664E	REG ASSET-GENERATION MAINTENANCE EXP REG ASSET-NON-AMI METERS	(227,500) (13,500,812)	E E	(227,500) (13,500,812)			
2831001 2831001	664F 667F	REG ASSET-NON-AMI METERS - AMORT REG ASSET-PSO ENVIRONMENTAL COMPLIANCE COSTS	963,760	E E	963,760			
2831001 2831001	668X 669B	REG ASSET-WIND RECOVERABLE COSTS REG ASSET-DEFERRED SRR RIDER EXPENSES	0 (2.451.120)	E E	0 (3.454.430)			
2831001	900A	LOSS ON REACQUIRED DEBT	(3,451,129) (2,374,379)	PTD	(3,451,129)	(2,374,379)		(4.054.074)
2831001 2831001	906A 906D	ACCRD SFAS 106 PST RETIRE EXP SFAS 106 PST RETIRE EXP - NON-DEDUCT CONT	(4,254,974) 5,126,317	Labor Labor				(4,254,974) 5,126,317
2831001 2831001	906Z 913Y	SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET BK DEFL - MERGER COSTS	(1,543,232)	Labor E	0			(1,543,232)
2831001	960X	STATE NOL CURRENT BENEFIT	(2,095,625)	Е	(2,095,625)			
2831002	911Q-DSIT	DSIT ENTRY - NORMALIZED	(140,311,143)	PTD		(140,311,143)		
2831	(absolute v	TOTAL ELECTRIC ACCOUNT SUBTOTAL value Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)	(224,981,753) (224,981,753)		(27,169,935)	0 (165,205,160)	(1,594,919)	(31,011,740)
1901001 1901001	011C-DFIT 011C-MJE	TAX CREDIT C/F - DEF TAX ASSET TAX CREDIT C/F - DEF TAX ASSET- MJE	(81,388) 659,755	E E	(81,388) 659,755			
1901001 1901001	014A 433F	ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE	4,139,682 1	E E	4,139,682 1			
1901001 1901001	460A 520A	UNBILLED REVENUE PROVS POSS REV REFDS-A/L	8,735,815 11	E PTD	8,735,815	11		
1901001 1901001	576F 602A	MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP	(46,093) 403,464	E Labor	(46,093)	11		403,464
1901001 1901001 1901001	605E 605F	SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158	512,100 412,817	Labor	412,817			512,100
1901001	6051	ACCRD BK SUP. SAVINGS PLAN EXP	472,676	Labor				472,676
1901001 1901001	605J 605O	EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP	0 1,265,472	E Labor	0			1,265,472
1901001 1901001	610A 610V	BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L	221,753 0	PTD E	0	221,753		
1901001 1901001	612Y 613E	ACCRD COMPANYWIDE INCENTV PLAN ACCRUED BOOK VACATION PAY	3,879,947 2,322,474	Labor Labor				3,879,947 2,322,474
1901001 1901001	613K 613Y	(ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS	780,882 386,205	Labor Labor				780,882 386,205
1901001 1901001	615B 615B-MJE	ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE	(892,434) 1,009,033	E E	(892,434) 1,009,033			·
1901001 1901001	615E 615O	ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP	(206,580)	E	(206,580)			
1901001 1901001 1901001	639A	DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO)	(8,884) 367,578	E PTD	(8,884)	367,578		
1901001	641I 652G	REG LIAB-UNREAL MTM GAIN-DEFL	200,009	E	200,009	307,578		
1901001 1901001	663U 712P	REG ASSET-DEFERRED BASE LOAD PUR PWR PROF SERVICES CAPITALIZED-TX	1,681	E PTD	0	1,681		
1901001 1901001	906F 906K	ACCRD OPEB COSTS - SFAS 158 ACCRD SFAS 112 PST EMPLOY BEN	257,691 2,062,548	E Labor	257,691			2,062,548
1901001 1901001	906P 911Q-DSIT	ACCRD BOOK ARO EXPENSE - SFAS 143 DSIT ENTRY - NORMALIZED	16,724,936 49,108,900	E PTD	16,724,936	49,108,900		
1901001 1901001	911V 911V-MJE	ACCRD SIT TX RESERVE-LNG-TERM-FIN 48 ACCRD SIT TX RES-LNG-TERM-FIN 48-MJE	(231,193) 693,998	E	(231,193) 693,998	,		
1901001 1901001	940X 960E	IRS CAPITALIZATION ADJUSTMENT AMT CREDIT - DEFERRED	692,839 21,540	PTD E	21,540	692,839		
1901001	014A	ACCUM DITC-STATE-A/C 2550002-MJE	16,194,103	E	16,194,103			
1901002 1901002 1901002	014A-DSITC 014C-DSIT	ADSITC STATE C/F-DEF STATE TAX ASSET-L/T NOL-STATE C/F-DEF STATE TAX ASSET-L/T	7,166,165 10,910,060	E E	7,166,165 10,910,060			
	V1 <del>10</del> -D311	TOTAL ELECTRIC ACCOUNT SUBTOTAL		L	65,659,033	0 50.392.762	0	12,085,767
1901		(Total Company Amount Ties to FF1 p.234(c) Electric)	128,137,563 128,137,563		00,009,033	0 50,392,762	U	12,000,/6/

### PUBLIC SERVICE COMPANY OF OKLAHOMA DETAIL OF DEFERRED INCOME TAX BALANCES AS OF DECEMBER 31, 2014

821001	l ine #	Description	Balance	Allocation Basis	Evolusions	100% Transmission PTD Plant	T&D	Lahor
	Line #	Description	DaiaiiCE	פופטר	Exclusions	TID FIAME	ומט	Labor
821001	210E	LIBERALIZED DEPR-ELIG DFL	(186,118,660)	PTD		(186,118,660)		
	230A	ACRS BENEFIT NORMALIZED	(418,008,327)	PTD		(418,008,327)		
	230G 230I	ACRS-ACCRUED BK REMOVAL COSTS CAPD INTEREST-SECTION 481(a)-CHANGE IN METHD	(16,947,671) (1,257,723)	PTD PTD		(16,947,671) (1,257,723)		
	230J	RELOCATION CST-SECTION 481(a)-CHANGE IN METHD	92,625	PTD		92,625		
	230X	R & D DEDUCTION - SEC 174	(3,199,785)	PTD		(3,199,785)		
	280H	BK PLANT IN SERVICE - SFAS 143 - ARO	(7,196,299)	E	(7,196,299)	(40, 400, 00.4)		
	295A 295C	GAIN/LOSS ON ACRS/MACRS PROPERTY GAIN/LOSS-ACRS/MACRS-BK/TX UNIT PROP	(16,439,634) 3,128,710	PTD PTD		(16,439,634) 3,128,710		
	320A	ABFUDC	(6,908,733)	PTD		(6,908,733)		
	380J	INT EXP CAPITALIZED FOR TAX	11,798,702	PTD		11,798,702		
	390A	CIAC - BOOK RECEIPTS	15,274,379	E	15,274,379	(00.077)		
	510H 532A	PROPERTY TAX-NEW METHOD-BOOK PERCENT REPAIR ALLOWANCE	(66,677)	PTD PTD		(66,677) (22,694,348)		
	532A 532C	BOOK/TAX UNIT OF PROPERTY ADJ	(22,694,348) (38,777,608)	PTD		(22,694,348) (38,777,608)		
	532D	BK/TX UNIT OF PROPERTY ADJ-SEC 481 ADJ	(22,290,407)	PTD		(22,290,407)		
	534A	CAPITALIZED RELOCATION COSTS	(14,072,724)	PTD		(14,072,724)		
	630R	ACCRD ENERGY CONSERV EXPEND	(178,005)	PTD	40,000,444	(178,005)		
	651A 710H	IMPAIRED ASSETS RES-FAS 121-BK AMORT ELEC PLT ACQ ADJS	10,996,441 51,037	E E	10,996,441 51,037			
	710T	AMORT CHELSEA MUN AUTH-TX	31,820	E	31,820			
	710U	CHELSEA ACQUSITON ADJ-25 YR TX	134,172	E	134,172			
	710V	PLANT ACQUSITION ADJ-CSIAP-TX	150,789	E	150,789	(0.070.00.1)		
	711J 711N	CASUALTY LOSS-STORMS CAPITALIZED SOFTWARE COSTS-TAX	(3,658,324) 7,754	PTD Labor		(3,658,324)		7,754
	7110	BOOK LEASES CAPITALIZED FOR TAX	(1,310,934)	PTD		(1,310,934)		1,104
821001	711R	CAPITALIZED LEASES - A/C 1011 ASSETS	-	PTD		0		
	712K	CAPITALIZED SOFTWARE COST-BOOK	(6,575,815)	Labor				(6,575,815)
	910K 910N	REMOVAL CST ACCRUED BK REMOVAL COST - ACRS	(82,546,267) 14,486,761	PTD PTD		(82,546,267) 14,486,761		
	930A	BOOK > TAX BASIS-PRTSHP INVEST	(2,940,256)	E	(2,940,256)	14,400,761		
	930J	PROV FOR WRITEDOWN OF INVEST	644,392	E	644,392			
821001	9401	1985-1987 IRS AUDIT SETTLEMENT	(135,065)	PTD		(135,065)		
	960F-XS	EXCESS ADFIT 282 TOTAL ELECTRIC ACCOUNT SUBTOTAL	(6,194,927) (800,720,606)	PTD	17,146,475	(6,194,927) <b>0 (811,299,020)</b>	0	(6 EC0 004)
2821001	(absolute value	TOTAL ELECTRIC ACCOUNT SUBTOTAL e Total Company Amount Ties to FF1 p.275(k) Acct 282 Electric)	(800,720,606) (800,720,606)	ERROR: labsl	does not Tie to FF1	U (811,299,020)	U	(6,568,061)
	, 30,000 Value	,,	(555,: 25,550)		,			
00400	0444	ADOLTO CTATE OF DESCRIPTION	(2.2		in acc			
	014A-DSITC 014C-DSIT	ADSITC STATE C/F-DEF STATE TAX ASSET-L/T NOL-STATE C/F-DEF STATE TAX ASSET-L/T	(2,081,387) (3,427,453)	E E	(2,081,387) (3,427,453)			
	433B	INTEREST-FUEL OVER/UNDER RECOVERY	(3,427,453)	E	(3,427,453) 1,490			
831001	5331	INDIAN RESERVATION SECTION 481a ADJUSTMENT	(16,524,283)	PTD		(16,524,283)		
	575E	MTM BK GAIN-A/L-TAX DEFL	131,988	E	131,988	•		
	576E	MARK & SPREAD-DEFL-283-A/L	39,581	E Labor	39,581			(24 E40 040)
	605B 605C	ACCRUED BK PENSION EXPENSE ACCRUED BK PENSION COSTS - SFAS 158	(31,510,648) 35,618,186	Labor E	35,618,186			(31,510,648)
	612E	ACCRUED RAIL SETTLEMENT - BNFS	0	E	0			
831001	630J	DEFD STORM DAMAGE	(2,156,522)	PTD		(2,156,522)		
	630M	RATE CASE DEFD CHGS	(259,657)	PTD		(259,657)		
	632U 638A	BK DEFL-DEMAND SIDE MNGMT EXP BOOK > TAX BASIS - EMA-A/C 283	(3,206,708) 8,024	PTD E	8,024	(3,206,708)		
	660M	REG ASSET-CARRY COST ON STRANDED COST	0,021	E	0			
	660N	REG ASSET-DEFD CARRY COST ON STRANDED COST	(0)	PTD		(0)		
	660R	REG ASSET-DEFD ACCR VEGETATION MGT EXPENSE	(1,014,363)	T&D	(05.040.400)		(1,014,363)	
	661R 661S	REG ASSET-SFAS 158 - PENSIONS REG ASSET-SFAS 158 - SERP	(35,618,186) (493,714)	E E	(35,618,186) (493,714)			
	661T	REG ASSET-SFAS 158 - OPEB	4,735,199	Ē	4,735,199			
	661V	REG ASSET-RED ROCK FACILITY	(1,765,865)	E	(1,765,865)			
	663C	REG ASSET-GENERATION MAINTENANCE EXP	(466,675)	E	(466,675)			
	665G 667F	REG ASSET-UND/REC PSO BPF REG ASSET-PSO ENVIRONMENTAL COMPLIANCE COSTS	(295,818)	E	0 (295,818)			
	668X	REG ASSET-WIND RECOVERABLE COSTS	(81,881)	Ē	(81,881)			
	669B	REG ASSET-DEFERRED SRR RIDER EXPENSES	(2,903,522)	E	(2,903,522)			
	900A	LOSS ON REACQUIRED DEBT	(2,795,290)	PTD		(2,795,290)		(0.000.000)
	906A 906D	ACCRD SFAS 106 PST RETIRE EXP SFAS 106 PST RETIRE EXP - NON-DEDUCT CONT	(3,029,803) 5,126,317	Labor Labor				(3,029,803) 5,126,317
	906Z	SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET	(1,714,703)	Labor				(1,714,703)
	913Y	BK DEFL - MERGER COSTS	0	E	0			
831001	960X	STATE NOL CURRENT BENEFIT	(2,095,625)	Е	(2,095,625)			
831002	911Q-DSIT	DSIT ENTRY - NORMALIZED	(131,426,358)	PTD		(131,426,358)		
			( - , -,,			( - , -,,		
2831	(abcolute value	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Tips to EE1 p 277/k) Acct 282 Floctric)	(197,207,676)	EDDOD: label	(8,695,658)	0 (156,368,818)	(1,014,363)	(31,128,836)
	(absolute value	TOTAL ELECTRIC ACCOUNT SUBTOTAL e Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)		ERROR:  abs	(8,695,658) does not Tie to FF1	0 (156,368,818)	(1,014,363)	(31,128,836)
	· 	e Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)	(197,207,676)		does not Tie to FF1	0 (156,368,818)	(1,014,363)	(31,128,836)
901001	011C	TAX CREDIT C/F - DEF TAX ASSET- MJE	(197,207,676) 659,755	E	does not Tie to FF1 659,755	0 (156,368,818)	(1,014,363)	(31,128,836)
901001 901001	011C 014A	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002	(197,207,676) 659,755 3,741,754	E E	does not Tie to FF1  659,755 3,741,754	0 (156,368,818)	(1,014,363)	(31,128,836)
901001 901001 901001	011C	TAX CREDIT C/F - DEF TAX ASSET- MJE	(197,207,676) 659,755	E	does not Tie to FF1 659,755	0 (156,368,818)	(1,014,363)	(31,128,836)
901001 901001 901001 901001	011C 014A 433F 460A 520A	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0)	E E E E PTD	659,755 3,741,754 (12,494,499) 4,798,066	0 (156,368,818)	(1,014,363)	(31,128,836)
901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359	E E E E PTD E	does not Tie to FF1  659,755  3,741,754  (12,494,499)		(1,014,363)	
901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F 602A	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184	E E E E PTD E Labor	659,755 3,741,754 (12,494,499) 4,798,066		(1,014,363)	447,184
901001 901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359	E E E E PTD E	659,755 3,741,754 (12,494,499) 4,798,066		(1,014,363)	
901001 901001 901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757	E E E PTD E Labor Labor E	659,755 3,741,754 (12,494,499) 4,798,066 469,359		(1,014,363)	447,184
901001 901001 901001 901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605I 605J	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0	E E E PTD E Labor Labor E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359		(1,014,363)	447,184 475,757 449,157
901001 901001 901001 901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605O	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774	E E E PTD E Labor Labor E Labor E Labor E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359	(0)	(1,014,363)	447,184 475,757
901001 901001 901001 901001 901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605J 605O 610A	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654	E E E PTD E Labor Labor E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359 493,714		(1,014,363)	447,184 475,757 449,157
901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605O	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774	E E E PTD E Labor Labor E Labor E Labor PTD	659,755 3,741,754 (12,494,499) 4,798,066 469,359	(0)	(1,014,363)	447,184 475,757 449,157
901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605I 605J 605O 610A 610V 612G 612Y	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANYWIDE INCENTV PLAN	659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0)	E E E FTD E Labor Labor E Labor FTD E Labor Labor Labor Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359 493,714	(0)	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380
901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605J 605O 610A 610V 612G 612Y 613E	TOTAL Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANYWIDE INCENTV PLAN ACCRUED BOOK VACATION PAY	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815	E E E FTD E Labor Labor E Labor E Labor FTD E Labor Labor A Labor Labor Labor Labor Labor Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359 493,714	(0)	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815
901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605I 605J 605O 610A 610V 612G 612Y 613E 613K	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANYWIDE INCENTV PLAN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN	659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464	E E E FTD E Labor Labor E Labor F Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359 493,714	(0)	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464
901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605I 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815	E E E E PTD E Labor Labor E Labor PTD E Labor Labor Labor Labor Labor Labor Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359 493,714 0 (0)	(0)	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815
901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615B-MJE	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033	E E E E FTD E Labor Labor E Labor PTD E Labor Labor Labor Labor Labor Labor Labor Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359  493,714 0 (0)  (912,087) 1,009,033	(0)	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464
901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615B-MJE 615C	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866	E E E E FTD E Labor Labor E Labor PTD E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359  493,714 0 (0)  (912,087) 1,009,033 197,866	(0)	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464
901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615B-MJE	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE	(197,207,676) 659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866)	E E E E FTD E Labor Labor E Labor PTD E Labor Labor Labor Labor Labor Labor Labor Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359  493,714  0  (0)  (912,087) 1,009,033 197,866 (197,866)	(0)	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605I 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615B-MJE 615C 615C-MJE 615C	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP	659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0	E E E E PTD E Labor Labor E Labor PTD E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359  493,714  0  (0)  (912,087) 1,009,033 197,866 (197,866) (206,580) 0	(0)	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615B-MJE 615C-MJE 615C 615C-MJE 615C 639A	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA	659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884)	E E E E PTD E Labor Labor E Labor PTD E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359  493,714  0  (0)  (912,087) 1,009,033 197,866 (197,866)	51,654	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605I 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615B-MJE 615C-MJE 615C 615C-MJE 615C 639A 641I	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO)	659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921	E E E E PTD E Labor Labor E Labor PTD E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359  493,714  0  (0)  (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884)	(0)	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605I 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615B-MJE 615C-MJE 615C 615C-MJE 615C 639A 641I 652G	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL	659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884)	E E E E PTD E Labor Labor E Labor PTD E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359  493,714  0  (0)  (912,087) 1,009,033 197,866 (197,866) (206,580) 0	51,654	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605I 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615B-MJE 615C-MJE 615C 615C-MJE 615C 639A 641I 652G 663U 700B	TOTAL COMPANY AMOUNT TIES TO FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL REG ASSET-DEFERRED BASE LOAD PUR PWR TAX DEFL - FRAN COSTS	659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921	E E E E E PTD E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359  493,714  0  (0)  (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884)	(0) 51,654 282,921	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615B-MJE 615C-MJE 615C 615C-MJE 615C 639A 641I 652G 663U 700B 712P	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL REG ASSET-DEFERRED BASE LOAD PUR PWR TAX DEFL - FRAN COSTS PROF SERVICES CAPITALIZED-TX	(197,207,676)  659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921 (131,988) 0 - 1,681	E E E E E PTD E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359  493,714  0  (0)  (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) (131,988) 0	51,654	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605O 610A 610V 612G 612Y 613E 613K 613B 615B-MJE 615C 615C-MJE 615C 615C-MJE 615C 639A 641I 652G 663U 700B 712P 906F	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY WIDE INCENTV PLAN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL REG ASSET-DEFERRED BASE LOAD PUR PWR TAX DEFL - FRAN COSTS PROF SERVICES CAPITALIZED-TX ACCRD OPEB COSTS - SFAS 158	(197,207,676)  659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921 (131,988) 0 - 1,681 (4,735,199)	E E E PTD E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359  493,714  0  (0)  (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884)	(0) 51,654 282,921	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464 47,070
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605J 605J 605O 610A 610V 612G 612Y 613E 613K 613K 613B 615B-MJE 615C 615C-MJE 615C 615C-MJE 615C 639A 641I 652G 663U 700B 712P 906F 906K	TOTAL COMPANY AMOUNT TIES TO FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL REG ASSET-DEFERRED BASE LOAD PUR PWR TAX DEFL - FRAN COSTS PROF SERVICES CAPITALIZED-TX ACCRD OPEB COSTS - SFAS 158 ACCRD SFAS 112 PST EMPLOY BEN	(197,207,676)  659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921 (131,988) 0 - 1,681 (4,735,199) 1,590,706	E E E E PTD E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359 493,714 0 (0) (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) (131,988) 0 (4,735,199)	(0) 51,654 282,921	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605O 610A 610V 612G 612Y 613E 613K 613B 615B-MJE 615C 615C-MJE 615C 615C-MJE 615C 639A 641I 652G 663U 700B 712P 906F	TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY WIDE INCENTV PLAN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL REG ASSET-DEFERRED BASE LOAD PUR PWR TAX DEFL - FRAN COSTS PROF SERVICES CAPITALIZED-TX ACCRD OPEB COSTS - SFAS 158	(197,207,676)  659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921 (131,988) 0 - 1,681 (4,735,199)	E E E PTD E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359  493,714  0  (0)  (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) (131,988) 0	(0) 51,654 282,921	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464 47,070
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605I 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615B-MJE 615C-MJE 615C 615C-MJE 615C 639A 641I 652G 663U 700B 712P 906F 906K 906P 911F-FIN48 911Q-DSIT	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED INTERST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL REG ASSET-DEFERRED BASE LOAD PUR PWR TAX DEFL - FRAN COSTS PROF SERVICES CAPITALIZED-TX ACCRD SPAS 112 PST EMPLOY BEN ACCRD BOOK ARO EXPENSE - SFAS 143 FIN 48 DSIT DSIT ENTRY - NORMALIZED	(197,207,676)  659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921 (131,988) 0 - 1,681 (4,735,199) 1,590,706 13,306,933 0 45,999,225	E E E E E PTD E Labor	659,755 3,741,754 (12,494,499) 4,798,066 469,359  493,714  0  (0)  (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) (131,988) 0  (4,735,199) 13,306,933 0	(0) 51,654 282,921	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464 47,070
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615B-MJE 615C 615C-MJE 615C 615C-MJE 615C 615C 639A 641I 652G 663U 700B 712P 906F 906K 906P 911F-FIN48 911Q-DSIT 911V	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL REG ASSET-DEFERRED BASE LOAD PUR PWR TAX DEFL - FRAN COSTS PROF SERVICES CAPITALIZED-TX ACCRD OPEB COSTS - SFAS 158 ACCRD SFAS 112 PST EMPLOY BEN ACCRD BOOK ARO EXPENSE - SFAS 143 FIN 48 DSIT DSIT ENTRY - NORMALIZED ACCRD SIT TX RESERVE-LNG-TERM-FIN 48	(197,207,676)  659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921 (131,988) 0 - 1,681 (4,735,199) 1,590,706 13,306,933 0 45,999,225 (232,243)	E E E E PTD E Labor E E E E E E PTD E Labor PTD E PTD E PTD E Labor E PTD E Labor E E PTD E E PTD E Labor E E PTD E	659,755 3,741,754 (12,494,499) 4,798,066 469,359 493,714 0 (0) (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) (131,988) 0 (4,735,199) 13,306,933 0 (232,243)	(0) 51,654 282,921 0 1,681	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464 47,070
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605I 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615C-MJE 615C-MJE 615C 615C-MJE 615E 615O 639A 641I 652G 663U 700B 712P 906F 906K 906P 911F-FIN48 911Q-DSIT 911V 911V-MJE	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANYWIDE INCENTV PLAN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED INTERST-TAX RES-S/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL REG ASSET-DEFERRED BASE LOAD PUR PWR TAX DEFL - FRAN COSTS PROF SERVICES CAPITALIZED-TX ACCRD OPEB COSTS - SFAS 158 ACCRD SFAS 112 PST EMPLOY BEN ACCRD SIT TX RESERVE-LNG-TERM-FIN 48 ACCRD SIT TX RESERVE-LNG-TERM-FIN 48-MJE	(197,207,676)  659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921 (131,988) 0 - 1,681 (4,735,199) 1,590,706 13,306,933 0 45,999,225	E E E E E PTD E Labor E E E E E FTD E E PTD E Labor E E FTD E E FTD E Labor E E E E E E E E E E E E E E E E E E E	659,755 3,741,754 (12,494,499) 4,798,066 469,359  493,714  0  (0)  (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) (131,988) 0  (4,735,199) 13,306,933 0	(0) 51,654 282,921 0 1,681	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464 47,070
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615B-MJE 615C 615C-MJE 615C 615C-MJE 615C 615C 639A 641I 652G 663U 700B 712P 906F 906K 906P 911F-FIN48 911Q-DSIT 911V	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL REG ASSET-DEFERRED BASE LOAD PUR PWR TAX DEFL - FRAN COSTS PROF SERVICES CAPITALIZED-TX ACCRD OPEB COSTS - SFAS 158 ACCRD SFAS 112 PST EMPLOY BEN ACCRD BOOK ARO EXPENSE - SFAS 143 FIN 48 DSIT DSIT ENTRY - NORMALIZED ACCRD SIT TX RESERVE-LNG-TERM-FIN 48	(197,207,676)  659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921 (131,988) 0 - 1,681 (4,735,199) 1,590,706 13,306,933 0 45,999,225 (232,243)	E E E E PTD E Labor E E E E E E PTD E Labor PTD E PTD E PTD E Labor E PTD E Labor E E PTD E E PTD E Labor E E PTD E	659,755 3,741,754 (12,494,499) 4,798,066 469,359 493,714 0 (0) (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) (131,988) 0 (4,735,199) 13,306,933 0 (232,243)	(0) 51,654 282,921 0 1,681	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464 47,070
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605I 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615B-MJE 615C-MJE 615C 615C-MJE 615C 615C 615C 615C 615C 615C 615C 615C	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED INTERST-TAX RES-L/T-FIN 48-MJE ACCRUED INTERST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL REG ASSET-DEFERRED BASE LOAD PUR PWR TAX DEFL - FRAN COSTS PROF SERVICES CAPITALIZED-TX ACCRD OPEB COSTS - SFAS 158 ACCRD SFAS 112 PST EMPLOY BEN ACCRD BOOK ARO EXPENSE - SFAS 143 FIN 48 DSIT DSIT ENTRY - NORMALIZED ACCRD SIT TX RESERVE-LNG-TERM-FIN 48 ACCRD SIT TX RESERVE-LNG-TERM-FIN 48	(197,207,676)  659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921 (131,988) 0 - 1,681 (4,735,199) 1,590,706 13,306,933 0 45,999,225 (232,243) 693,998 0	E E E E E PTD E Labor E E E E E PTD E E PTD E E PTD E E E PTD E E E E E E E E E E E E E E E E E E E	659,755 3,741,754 (12,494,499) 4,798,066 469,359 493,714 0 (0) (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) (131,988) 0 (4,735,199) 13,306,933 0 (232,243)	(0) 51,654 282,921 0 1,681	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464 47,070
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605O 610A 610V 612G 612Y 613E 613K 613B 615B-MJE 615C 615C-MJE 615C 615C-MJE 615E 615O 639A 641I 652G 663U 700B 712P 906F 906K 906P 911F-FIN48 911Q-DSIT 911V 911V-MJE 911W 940X 960E	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANY WIDE INCENTV PLAN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRD INTRST-TAX RES-S/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL REG ASSET-DEFERRED BASE LOAD PUR PWR TAX DEFL - FRAN COSTS PROF SERVICES CAPITALIZED-TX ACCRD OPEB COSTS - SFAS 158 ACCRD SFAS 112 PST EMPLOY BEN ACCRD BOOK ARO EXPENSE - SFAS 143 FIN 48 DSIT DSIT ENTRY - NORMALIZED ACCRD SIT TX RESERVE-LNG-TERM-FIN 48 ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48 IRS CAPITALIZATION ADJUSTMENT AMT CREDIT - DEFERRED	(197,207,676)  659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921 (131,988) 0 - 1,681 (4,735,199) 1,590,706 13,306,933 0 45,999,225 (232,243) 693,998 0 763,562 21,539	E E E E E E PTD E Labor E E E E E E E PTD E A E PTD E E PTD E Labor E E PTD E E PTD E E PTD E E E PTD E E E E E E E E E E E E E E E E E E E	659,755 3,741,754 (12,494,499) 4,798,066 469,359 493,714 0 (0) (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) (131,988) 0 (4,735,199) 13,306,933 0 (232,243) 693,998 0 21,539	(0) 51,654 282,921 0 1,681	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464 47,070
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605I 605J 605O 610A 610V 612G 612Y 613E 613K 613Y 615B 615C-MJE 615C-MJE 615C 615C-MJE 615C 615C 615C 615C 615C 615C 615C 615C	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL REG ASSET-DEFERRED BASE LOAD PUR PWR TAX DEFL - FRAN COSTS PROF SERVICES CAPITALIZED-TX ACCRD SPAS 112 PST EMPLOY BEN ACCRD STATE INCOME TAX EXP BK DST SARS 112 PST EMPLOY BEN ACCRD BOOK ARO EXPENSE - SFAS 143 FIN 48 DSIT DSIT ENTRY - NORMALIZED ACCRD SIT TX RESERVE-LNG-TERM-FIN 48 ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48 IRS CAPITALIZATION ADJUSTMENT AMT CREDIT - DEFERRED ACCUM DITC-STATE-A/C 2550002-MJE	(197,207,676)  659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921 (131,988) 0 - 1,681 (4,735,199) 1,590,706 13,306,933 0 45,999,225 (232,243) 693,998 0 763,562 21,539	E E E E E E E PTD E Labor E E E E E PTD E E PTD E E PTD E E PTD E Labor E E E PTD E E E E E E E E E E E E E E E E E E E	659,755 3,741,754 (12,494,499) 4,798,066 469,359 493,714 0 (0) (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) (131,988) 0 (4,735,199) 13,306,933 0 (232,243) 693,998 0 21,539 16,194,103	(0) 51,654 282,921 0 1,681	(1,014,363)	475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464 47,070
901001 901001	011C 014A 433F 460A 520A 576F 602A 605E 605F 605J 605O 610A 610V 612G 612Y 613E 613K 613B 615B-MJE 615C 615C-MJE 615C 615C-MJE 615E 615O 639A 641I 652G 663U 700B 712P 906F 906K 906P 911F-FIN48 911Q-DSIT 911V 911V-MJE 911W 940X 960E	Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE ACCUM DITC-STATE-A/C 2550002 PSO-FUEL O/U RECOVERY-WSLE UNBILLED REVENUE PROVS POSS REV REFDS-A/L MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FAS 157 - A/L ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANY WIDE INCENTV PLAN ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRD INTRST-TAX RES-S/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) REG LIAB-UNREAL MTM GAIN-DEFL REG ASSET-DEFERRED BASE LOAD PUR PWR TAX DEFL - FRAN COSTS PROF SERVICES CAPITALIZED-TX ACCRD OPEB COSTS - SFAS 158 ACCRD SFAS 112 PST EMPLOY BEN ACCRD BOOK ARO EXPENSE - SFAS 143 FIN 48 DSIT DSIT ENTRY - NORMALIZED ACCRD SIT TX RESERVE-LNG-TERM-FIN 48 ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48 IRS CAPITALIZATION ADJUSTMENT AMT CREDIT - DEFERRED	(197,207,676)  659,755 3,741,754 (12,494,499) 4,798,066 (0) 469,359 447,184 475,757 493,714 449,157 0 1,201,774 51,654 (0) - 3,343,380 2,097,815 760,464 47,070 (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) 282,921 (131,988) 0 - 1,681 (4,735,199) 1,590,706 13,306,933 0 45,999,225 (232,243) 693,998 0 763,562 21,539	E E E E E E PTD E Labor E E E E E E E PTD E A E PTD E E PTD E Labor E E PTD E E PTD E E PTD E E E PTD E E E E E E E E E E E E E E E E E E E	659,755 3,741,754 (12,494,499) 4,798,066 469,359 493,714 0 (0) (912,087) 1,009,033 197,866 (197,866) (206,580) 0 (8,884) (131,988) 0 (4,735,199) 13,306,933 0 (232,243) 693,998 0 21,539	(0) 51,654 282,921 0 1,681	(1,014,363)	447,184 475,757 449,157 1,201,774 0 3,343,380 2,097,815 760,464 47,070

### AEP West SPP Member Companies 2016 Cost of Service Formula Rate Worksheet D - Working Capital Rate Base Adjustments PUBLIC SERVICE COMPANY OF OKLAHOMA

	(A) (B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
<u>Line</u> <u>Number</u> 1		<u>Source</u>	Balance @ <u>December 31, 2015</u> FF1, p. 227, Col. (c)	Balance @ December 31, 2014 FF1, p. 227, Col. (b)	Average Balance for Rate Year 2015			
2	Transmission Materials & Supplies	FF1, p. 227, ln 8, Col. (c & b)	637,007	876,948	756,978			
3	General Materials & Supplies	FF1, p. 227, ln 11, Col. (c & b)	231,880	280,289	256,085			

FF1, p. 227, ln 16, Col. (c & b)

		<u>Prepayment</u>	Prepayment Balance Summary						
		Average of YE Balance	Excludable <u>Balances</u>	100% Transmission <u>Related</u>	Plant <u>Related</u>	Labor <u>Related</u>	Total Included in Rate Base (E)+(F)+(G)		
5	Totals as of December 31, 2015	5,656,804	(102,502,956)	0	3,386,442	104,773,318	96,827,070		
6	Totals as of December 31, 2014	5,586,134	(99,397,249)	0	3,241,851	101,741,532	104,983,384		
7	Average Balance	5,621,469	(100,950,103)	0	3,314,147	103,257,425	100,905,227		

Prepayments Account 165 - Balance @ 12/31/2015	

Stores Expense (Undistributed)

			r repayments Account 105	- Dalatice & 12/31/	<u>2013</u> 100%			Total Included	
	Acc. No.	<u>Description</u>	2015 <u>YE Balance</u>	Excludable <u>Balances</u>	Transmission Related	Plant <u>Related</u>	Labor <u>Related</u>	in Rate Base (E)+(F)+(G)	
8 9	1650001 1650004	Prepaid Insurance Prepaid Interest	1,267,297			768,980	498,316	1,267,297	Plant (Property), Cyber Risk, Property broker fees, Property Jurisdicitonal Certification Inspection fees, D&O Liability, Fiduciary Liability, Workers Comp Ins, Excess Liability Ins, Excess Liability broker fees.
10	1650005	Prepaid Employee Benefits	205,250	205,250					Prepaid Oklahoma Corporate Commission Fees (OCC) and NERC Assessment Fees.Prepaid Outage Alerts Service, Prepaid AMI Advertising
11	1650006	Other Prepayments	900,089	900,089					and promotion costs.
12 13 14 15 16 17	1650009 1650010 165001115 165001215 1650014 1650016	Prepaid Carry Cost-Factored Prepaid Pension Benefits Prepaid Sales Taxes Prepaid Use Taxes FAS 158 Qual Contra Asset FAS 112 ASSETS	82,650 92,533,343 2,026,681 302,914 (92,533,343)	82,650 (92,533,343)		2,026,681 302,914	92,533,343	92,533,343 2,026,681 302,914	AR Factoring - Excluded because it is retail. Prefunded Pension Expense  Non-Cash Offset Excludable from Rate Base SFAS 158 Offset
18 19 20 21 22 23 24 25 26 27	1650021 1650023 1650028 1650031 1650032 1650033 1650034 1650035 1650036 1650037	Prepaid Insurance - EIS Prepaid Leases Trinity Rail Car Lease - Non-current Prepaid OCIP Work Comp Prepaid OCIP Work Comp-Long Term Prepaid OCIP Work Comp-Affiliated Prepaid OCIP Work Comp-Affiliated Prepaid OCIP Work Comp-Affiliated Long Term PRW Without MED-D Benefits PRW for Med-D Benefits FAS158 Contra-PRW Exclude Med-D	696,835 171,729 2,923 437 11,329,330 (11,329,330)	171,729 (11,329,330)		287,867	2,923 0 437 0 11,329,330	696,835	Plant (Property) Ins and EIS Excess Liability Ins.
28		Subtotal - Form 1, p 111.57.c	5,656,804	(102,502,956)	0	3,386,442	104,773,318	96,827,070	-

### Prepayments Account 165 - Balance @ 12/31/2014

29	Acc. No.	<u>Description</u>	2014 <u>YE Balance</u>	Excludable <u>Balances</u>	100% Transmission <u>Related</u>	Plant <u>Related</u>	Labor <u>Related</u>	Total Included in Rate Base (E)+(F)+(G)	
30 31 32	1650001 1650004 1650005	Prepaid Insurance Prepaid Interest Prepaid Employee Benefits	1,189,527 0 0	0 0 0		592,888	596,639	1,189,527	Plant: Property Ins, Labor Related: Gen Liability Ins, D&O Ins, Workers Comp Ins. Prepaid Executive Life Insurance
33 34 35 36 37 38 39	1650006 1650009 1650010 165001114 165001214 1650016	Other Prepayments Prepaid Carry Cost-Factored Prepaid Pension Benefits Prepaid Sales Taxes Prepaid Use Taxes FAS 158 Qual Contra Asset FAS 112 ASSETS	603,535 69,246 94,612,820 1,895,864 417,179 (94,612,820)	603,535 69,246 (94,612,820)		1,895,864 417,179	94,612,820	94,612,820 1,895,864 417,179	Prepaid Oklahoma Corporate Commission Fees (OCC) and NERC Assessment Fees. AR Factoring - Excluded because it is retail. Prefunded Pension Expense  Non-Cash Offset Excludable from Rate Base SFAS 158 Offset
40 41 42 43	1650021 1650023 1650028 1650031	Prepaid Insurance - EIS Prepaid Leases Trinity Rail Car Lease - Non-current Prepaid OCIP Work Comp	813,159 348,941 0 145,575	348,941 0		335,921	477,238 145,575	- - 145,575	Plant: EIS Property Ins, Labor Related: EIS Gen Liability Ins.
44 45 46 47 48 49	1650032 1650033 1650034 1650035 1650036 1650037	Prepaid OCIP Work Comp-Long Term Prepaid OCIP Work Comp-Affiliated Prepaid OCIP Work Comp-Affiliated Long Term PRW Without MED-D Benefits PRW for Med-D Benefits FAS158 Contra-PRW Exclude Med-D	623 102,050 437 (3,544,036) 9,350,188 (5,806,152)	(5,806,152)			623 102,050 437 (3,544,036) 9,350,188	623 102,050 437 (3,544,036) 9,350,188	
50		Subtotal - Form 1, p 111.57.c	5,586,134	(99,397,249)	0	3,241,851	101,741,532	104,983,384	•

#### AEP West SPP Member Companies 2016 Cost of Service Formula Rate Worksheet E - IPP Credits PUBLIC SERVICE COMPANY OF OKLAHOMA

<u>Line</u> <u>Number</u>	(A) <u>Description</u>	(B) <u>2015</u>
1	Net Funds from IPP Customers @ 12/31/2014 (2015 FORM 1, P269, (B))	1,090,569
2	Interest Accrual (company records)	32,510
3	Revenue Credits to Generators (company records)	(128,795)
4 5 6	Other Adjustments (company records) Accounting Adjustment	26,412
7	Net Funds from IPP Customers 12/31/2015 (2015 FORM 1, P269, (F))	1,020,696
8	Average Balance for 2015 ((ln 1 + ln 7)/2)	1,055,633

### **AEP West SPP Member Companies**

### 2016 Cost of Service Formula Rate Projected on 2015 FF1 Balances

Worksheet F - Calculation of PROJECTED Annual Revenue Requirement for BPU and Special-billed Projects
Based on a Carrying Charge Derived from Historic 2015 Data

### PUBLIC SERVICE COMPANY OF OKLAHOMA

### L. Calculate Return and Income Taxes with 0 basis point ROE increase for Projects Qualified

### A. Determine 'R' with hypothetical 0 basis point increase in ROE for Identified Projects

ROE w/o incentives (Projected	TCOS, In 149)		11.20%	
Project ROE Incentive Adder (Enter as whole number)			0	basis points
ROE with additional 0 basis point incentive			11.20%	<==Incentive ROE Cannot Exceed 12.45%
Determine R (cost of long term debt, cost of preferred stock and percen			s from Projected TCOS	, Ins 147 through 149)
	<u>%</u>	Cost	Weighted cost	
Long Term Debt	53.69%	0.0474	0.0254	
Preferred Stock	0.00%	0.0000	0.0000	
Common Stock	46.31%	0.1120	<u>0.0519</u>	
		R =	0.0773	

### B. Determine Return using 'R' with hypothetical 0 basis point ROE increase for Identified Projects.

Rate Base (Projected TCOS, In 75)	442,223,845
R (from A. above)	0.0773
Return (Rate Base x R)	34,184,900

### C. Determine Income Taxes using Return with hypothetical 0 basis point ROE increase for Identified Projects.

Return (from B. above)	34,184,900
Tax Rate (Projected TCOS, In 109)	38.56%
EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =	42.11%
Income Tax Calculation (Return x EIT)	14,394,598
ITC Adjustment (Projected TCOS, In 116)	(581,015)
Income Taxes	13,813,583

### II. Calculate Net Plant Carrying Charge Rate (Fixed Charge Rate or FCR) with hypothetical 0 basis point ROE increase.

### A. Determine Net Revenue Requirement less return and Income Taxes.

Net Revenue Requirement (Projected TCOS, In 123)	91,596,170
Return (Projected TCOS, In 118)	34,184,900
Income Taxes (Projected TCOS, In 117)	13,813,583
Gross Margin Taxes (Projected TCOS, In 122)	-
Net Revenue Requirement, Less Return and Taxes	43,597,687

### B. Determine Net Revenue Requirement with hypothetical 0 basis point increase in ROE.

Net Revenue Requirement, Less Return and Taxes	43,597,687
Return (from I.B. above)	34,184,900
Income Taxes (from I.C. above)	13,813,583
Net Revenue Requirement, with 0 Basis Point ROE increase	91,596,170
Gross Margin Tax with Basis Point ROE Increase (II C. below)	
Revenue Requirement w/ Gross Margin Taxes	91,596,170
Less: Depreciation (Projected TCOS, In 95)	14,404,787
Net Rev. Reg, w/0 Basis Point ROE increase, less Depreciation	77,191,383

### C. Determine Gross Margin Tax with hypothetical 0 basis point increase in ROE. Net Revenue Requirement before Gross Margin Taxes with 0. 91 596 170

Net Revenue Requirement before Gross Margin Taxes, with o	91,596,170
Basis Point ROE increase (II B. above)	
Apportionment Factor to Texas (Worksheet K, In 12)	0.00%
Apportioned Texas Revenues	-
Taxable Percentage of Revenue (70%)	70%
Taxable, Apportioned Margin	-
Texas Gross Margin Tax Rate	1%
Texas Gross Margin Tax Expense	-
Gross-up Required for Gross Margin Tax Expense	
Total Additional Gross Margin Tax Revenue Requirement	

### D. Determine FCR with hypothetical 0 basis point ROE increase.

Net Transmission Plant (Projected TCOS, Ins 46, 47, 48, 49, 51)	588,530,028
Net Revenue Requirement, with 0 Basis Point ROE increase	91,596,170
FCR with 0 Basis Point increase in ROE	15.56%
Net Rev. Req, w / 0 Basis Point ROE increase, less Dep.	77,191,383
FCR with 0 Basis Point ROE increase, less Depreciation	13.12%
FCR less Depreciation (Projected TCOS, In 12)	<u>13.12%</u>
	0.00%
Incremental FCR with 0 Basis Point ROE increase, less Depreciation	

### III. Calculation of Composite Depreciation Rate

Transmission Plant @ Beginning of Period (P.206, In 58)	788,910,811 <==From Input on Worksheet B
Transmission Plant @ End of Period (P.207, In 58)	815,430,062 <==From Input on Worksheet B
	1,604,340,873
Transmission Plant Average Balance for 2015	802,170,437
Annual Depreciation Expense (Historic TCOS, In 246)	15,385,707
Composite Depreciation Rate	1.92%
Depreciable Life for Composite Depreciation Rate	52.14
Round to nearest whole year	52

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SUMMARY OF PROJECT REQUIREMENTS	TED ANNUAL BA	SE PLAN AND NON	-BASE PLAN REVE	NUE
	ı	Rev Require	W Incentives	Incentive Amounts
PROJECTED YEAR	2016	6,774,890	6,774,890	\$ -

**Note:** Review formulas in summary to ensure the proper year's revenue requirement is being accumulated for each project from the tables below.

NOTE: PART IV --- BPU Project Tables are contained in separate \*.xls file

### AEP West SPP Member Companies

### 2016 Cost of Service Formula Rate Projected on 2015 FF1 Balances

Worksheet G - Calculation of TRUED-UP Annual Revenue Requirement for BPU and Special-billed Projects Based on a Carrying Charge Derived from Trued-Up 2015 Data
PUBLIC SERVICE COMPANY OF OKLAHOMA

### Calculate Return and Income Taxes with 0 basis point ROE increase for Projects Qualified for Incentive.

### A. Determine 'R' with hypothetical 0 basis point increase in ROE for Identified Projects

ROE w/o incentives (True-l	Up TCOS, In 136)	)	11.20%	
Project ROE Incentive Adde	er (Enter as whole	number)	0 basis points	
ROE with additional 0 basis	point incentive		11.20% <b>&lt;==Incentiv</b>	ve ROE Cannot Exceed 12.45%
Determine R (cost of long to	erm debt, cost of p	oreferred stock and perce	nt is from True-Up TCOS, Ins 134 t	hrough 136)
	<u>%</u>	<u>Cost</u>	Weighted cost	
Long Term Debt	52.22%	0.0525	0.0274	
Preferred Stock	0.00%	0.0000	0.0000	
Common Stock	47.78%	0.1120	<u>0.0535</u>	
		R =	0.0809	

#### B. Determine Return using 'R' with hypothetical 0 basis point ROE increase for Identified Projects.

Rate Base (True-Up TCOS, In 63)	421,810,823
R (from A. above)	0.0809
Return (Rate Base x R)	34,131,285

### C. Determine Income Taxes using Return with hypothetical 0 basis point ROE increase for Identified Projects.

Return (from B. above)	34,131,285
,	, ,
Tax Rate (True-Up TCOS, In 106)	38.56%
EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =	41.51%
Income Tax Calculation (Return x EIT)	14,166,590
ITC Adjustment (True-Up TCOS, In 103)	(583,340)
Income Taxes	13,583,250

### II. Calculate Net Plant Carrying Charge Rate (Fixed Charge Rate or FCR) with hypothetical 0 basis point **ROE** increase.

### A. Determine Net Revenue Requirement less return and Income Taxes.

Net Revenue Requirement (True-Up TCOS, In 110)	91,021,133
Return (True-Up TCOS, In 105)	34,131,285
Income Taxes (True-Up TCOS, In 104)	13,583,250
Gross Margin Taxes (True-Up TCOS, In 109)	-
Net Revenue Requirement, Less Return and Taxes	43,306,598

### B. Determine Net Revenue Requirement with hypothetical 0 basis point increase in ROE.

Net Revenue Requirement, Less Return and Taxes	43,306,598
Return (from I.B. above)	34,131,285
Income Taxes (from I.C. above)	13,583,250
Net Revenue Requirement, with 0 Basis Point ROE increase	91,021,133
Gross Margin Tax with Basis Point ROE Increase (II C. below)	
Revenue Requirement w/ Gross Margin Taxes	91,021,133
Less: Depreciation (True-Up TCOS, In 83)	14,352,663
Net Rev. Req, w/0 Basis Point ROE increase, less Depreciation	76,668,470

### C. Determine Gross Margin Tax with hypothetical 0 basis point increase in ROE.

Net Revenue Requirement before Gross Margin Taxes, with 0	91,021,133
Basis Point ROE increase (II B. above)	
Apportionment Factor to Texas (Worksheet K, In 12)	0.00%
Apportioned Texas Revenues	-
Taxable Percentage of Revenue (70%)	70%
Taxable, Apportioned Margin	-
Texas Gross Margin Tax Rate	1%
Texas Gross Margin Tax Expense	-
Gross-up Required for Gross Margin Tax Expense	
otal Additional Gross Margin Tax Revenue Requirement	

### D. Determine FCR with hypothetical 0 basis point ROE increase.

Net Transmission Plant (True-Up TCOS, In 39) Net Revenue Requirement, with 0 Basis Point ROE increase	561,912,700 91,021,133
<u> </u>	<u> </u>
FCR with 0 Basis Point increase in ROE	16.20%
Net Rev. Req, w / 0 Basis Point ROE increase, less Dep.	76,668,470
FCR with 0 Basis Point ROE increase, less Depreciation	13.64%
FCR less Depreciation (True-Up TCOS, In 12)	<u>13.64%</u>
Incremental FCR with 0 Basis Point ROE increase, less Depreciation	0.00%

### **III.** Calculation of Composite Depreciation Rate

Transmission Plant @ Beginning of Period (P.206, In 58)	788,910,811 <==From Input on Worksheet E	3
Transmission Plant @ End of Period (P.207, In 58)	815,430,062 <==From Input on Worksheet E	3
	1,604,340,873	
Transmission Plant Average Balance for 2015	802,170,437	
Annual Depreciation Expense (True-Up TCOS, In 83)	15,385,707	
Composite Depreciation Rate	1.92%	
Depreciable Life for Composite Depreciation Rate	52.14	
Round to nearest whole year	52	

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		Rev R	equire	W In	centives	Incentive Amounts	
TRUE-UP YEAR 2015							
∑ Prior Year Projected (W	/S-F)	\$	7,800,751	\$	7,800,751	\$	-
∑ Prior Year True-Up (W	'S-G)	\$	7,037,772	\$	7,037,772	\$	-
True-up Adjustment Fo	or 2015		(762,979)		(762,979)		-

Note: Review formulas in summary to ensure the proper year's revenue requirement is being accumulated for each project from the tables below.

**NOTE: PART IV --- BPU Project Tables** are contained in separate \*.xls file

# AEP West SPP Member Companies Cost of Service Formula Rate Using 2015 FF1 Balances Worksheet H - Revenue Credits for Historic Period PUBLIC SERVICE COMPANY OF OKLAHOMA

### **Revenue Credits for**

CVCIIC		Total Company	Non- Transmission	Transmission
1.	Account 450, Forfeited Discounts	2,815,695	2,815,695	-
П.	Account 451, Miscellaneous Service Revenues	5,183,310	5,183,310	-
Ш.	Account 454, Rent from Electric Property			
	1 Account 4540001 - Rent from Elect Property-Aff	2,873,192	2,825,963	47,229
	2 Account 4540002 - Rent from Elect Property - Non-Aff	134,736	110,135	24,601
	3 Account 4540005 - Rent from Elect Property - Pole Attach	89,833	42,843	46,990
	4 Account 4540004 - Rent from Elect Property - ABD - Non-Aff	3,599,003	3,599,003	-
	5 Total Rents from Electirc Property	6,696,764		118,820
	( Revenue related to transmission facilities for pole attachments, rentals, etc. Provide data sources and exp	lanations in Secti	on VIII, Notes below)	
IV.	Account 4560015, Revenues from Associated Business Development			
	1 Account 4560015, Revenues from Associated Business Development	2,419,944		77,717
V.	Total Other Operating Revenues To Reduce Revenue Requirement			196,537
VI.	Account 456.1, Revenues from Transmission of Electricity of Others			38,867,362
	( Provide data sources and any detailed explanations necessary in Section VIII Notes below )  Less:			
	1 Transmission Direct Assignment Revenue (if costs not in the ARR)			-
	2 Sponsored Upgrade Revenue			-
	3 Credits against Transmission Service Revenue related to Generation Interconnections			52,043
	4 Revenue for GFA's (Relative to SPP OATT) Associated with Load Included in the Divisor			2,110,301
	5 Network Service Revenue (SPP Schedule 9) Associated with Load included in the Divisor	r		13,693,177
	6 Revenue Associated with Transmission Plant Excluded From SPP Tariff			-
	7 Distribution and Other Non-Transmission Revenue			258,146
	8 Revenue from SPP Ancillary Services Provided			661,538
	9 Base Plan Revenue (from SPP)			15,470,420
	10 Flow Through of ERCOT Ancillary Charges 11 Other			- -
	Net Transm	ission Credi	its	\$6,621,737
VII.	Total Worksheet A Revenue Credits			\$6,818,274

### VIII. Data Sources:

Data for this worksheet came from the FERC Form 1 and the Company's General Ledger.

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### **AEP West SPP Member Companies** Cost of Service Formula Rate Using 2015 FF1 Balances Worksheet I - Supporting Transmission Expense Adjustments

#### PUBLIC SERVICE COMPANY OF OKLAHOMA

1	Other Expenses		
2	Direct Assignment Charge		\$0
3	Sponsored Upgrades Charge		\$0
4	Firm and Non-Firm Point-To-Point Charges		\$0
5	Base Plan Charges		\$0
6	Schedule 9 Charges		\$0
7	SPP Schedule 12 - FERC Assessment		\$0
8	SPP Schedule 1-A		\$0
9	SPP Annual Assessment		\$0
10	Ancillary Services Expenses		\$0
11	Other		\$0
12	Other		\$0
13	Other		\$0
14	Total	( sum of lines 2 through 13 )	\$0

Adjustment to charges that are booked to transmission accounts that are the responsibility of the TO's LSE.

NOTE: Exclusion of Accounts 561 and 565 from O&M Expense in the TCOS templates eliminates the need to use this worksheet.

# AEP West SPP Member Companies Cost of Service Formula Rate Using 2015 FF1 Balances Worksheet J - Allocation of Specific O&M or A&G Expenses PUBLIC SERVICE COMPANY OF OKLAHOMA

	(A)	(B)	(C)	(D)	(E) 100%	(F)
<u>Line</u> Number	FERC Acct No.	<u>Description</u>	<u>2015</u> Expense	100% Non-Transmission	Transmission Specific	<u>Explanation</u>
1 2 3 4 5 6 7 8 9	9260021 9260057 9260021 9260057	Account 926  2007 Base Year OPEB Expense (Note 1)  Postretirement Benefits - OPEB  Postret Ben Medicare Subsidy  OPEB Billed From Service Corporation  Net 2007 Base Year Expense  2015 Current Year Expense  Postretirement Benefits - OPEB  Postret Ben Medicare Subsidy  OPEB Billed From Service Corporation  Net 2015 Expense  Net Increase (Decrease) in OPEB Expense  bsent a 205 Filing with FERC, the base amounts (Lns 1-4)		This Amount Is Allocat	ed on Wages & S	Salaries
		Account 928				
11 12		Reg Commission Expense - OCC Annual Fees Reg Commission Expense Admin	1,484,718 12,349			Oklahoma Corporation Commission Assessment FERC Assessment Fees To accumulate AEPSC costs in connection with the
13		Reg Commission Exp - Case	1,998,529			preparation and filing of the 2013 Public Service of Oklahoma base rate case.
14 15		Reg Commission Exp - Transmission Reg Commission Exp - Labor Accruals	428 1,202		-	Activity not associated with a project.  Labor accruals - for various depts
16	9280002	Reg Commission Exp - Misc Filings	197	197		General Culture Initiative
17 18		Reg Commission Exp - Misc Filings Reg Commission Exp - Misc Filings	0 71,418	- 71,418		PSO Transmission Reg/Leg Act-Oklahoma
19		Rate Case Amort	586,242	and the state of t		Rate Case Amortization
20		<b>Total</b> (FF1, pg. 323)	4,155,085	4,155,085	0	- -
		Account 930.1				
21 22		General Advertising Expenses Newspaper Advertising Space	143,023 24,723		0	
23		Radio Station Advertising Time	15,230	•	0	
24		Spec Corporate Comm Info Proj	0	0	0	
25 26		Special Adv Space & Prod Exp Direct Mail and Handouts	0	0	0	
27	9301009	Fairs, Shows, and Exhibits	0		0	
28 29	9301010	Publicity Dedications, Tours, & Openings	6,684	6,684	0	
30		Public Opinion Surveys	34,461	34,461	0	
31 32		Movies Slide Films & Speeches Video Communications	0		0	
33		Other Corporate Comm Exp	18,156		0	
34		<b>Total</b> (FF1, pg. 323)	242,278	242,278	0	- -
		Account 930.2				
35 36		Misc General Expenses Corporate & Fiscal Expenses	584,207 31,232	584,207 31,232	0	
37		Research, Develop&Demonstr Exp	6,902	6,902	0	
38	9302006	Assoc Bus Development - Materials Sold-Trans	(1)	0	(1)	
39 40		Assoc Bus Development - Materials Sold-Non Trans Assoc Business Development Exp - Transmission	85,122 236,965	85,122 0	236,965	
41	9302007	Assoc Business Development Exp - Non-Transmission	928,110	928,110	0	
42	9302458	AEPSC Non Affliated expenses	0	0	0	
43		<b>Total</b> (FF1, pg. 323)	1,872,537	1,635,573	236,964	<del>-</del> -

### AEP West SPP Member Companies Cost of Service Formula Rate Using 2015 FF1 Balances

Worksheet K - Development of Composite State Income Tax Rate

#### **PUBLIC SERVICE COMPANY OF OKLAHOMA**

#### DEVELOPMENT OF COMPOSITE STATE INCOME TAX RATES FOR 2015

State Income Tax Rate - Oklahoma	Note 1	5.66%	
Apportionment Factor		96.72%	
Effective State Income Tax Rate			5.4743%
State Income Tax Rate - Ohio		0.00%	
Apportionment Factor		0.00%	
Tax Phase-out Factor	Note 2	0.00%	
	NOIE Z	0.0076	0.00000/
Effective State Income Tax Rate			0.0000%
State Income Tax Rate - West Virginia		6.50%	
Apportionment Factor		0.00%	
Effective State Income Tax Rate			0.0000%
Total Effective State Income Tax Rate		-	5 4743%
Total Ellective State IllColle Tax Rate		<u>_</u>	5.4745%

Note 1 --- The Oklahoma State Income Tax Rate of 6% is reduced to 5.66% due to the deductibility of Oklahoma State Income Taxes on the Oklahoma State Income Tax Return.

Note 2 --- The Ohio State Income Tax is being phased-out over a 5 year period and is being replaced with a Commercial Activites Tax. The taxable portion of income is 40% in 2007.

### II. CALCULATION OF TEXAS GROSS MARGIN TAX

I.

	<u>Projected</u>		<u>Projected</u> <u>Historic</u>		<u>Actual</u>	
Line # REVENUE REQUIREMENT BEFORE TEXAS GROSS MARGIN TAX (In 118 of Template)	Total Company 373,885,053	Trans. Only 91,596,170	Total Company 373,687,156	Trans. Only 89,711,012	Total Company 379,009,835	Trans. Only 91,021,133
1 Apportionment Factor to Texas (In12)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2 Apportioned Texas Revenues	\$0	\$0	\$0	\$0	\$0	\$0
3 Taxable Percentage of Revenue (70%)	70%	70%	70%	70%	70%	70%
4 Taxable, Apportioned Margin		-	-	-	-	-
5 Texas Gross Margin Tax Rate (1%)	1%	1%	1%	1%	1%	1%
6 Texas Gross Margin Tax Expense	-	-	-	-	-	-
7 Gross-up Required for Texas Gross Margin Expense ((In 6 * In 3 * In 1)/(1- In 5) * In 5)	-	-	-	-	-	-
8 Total Additional Gross Margin Tax Revenue Requirement	-	-	-	-	-	-

9 WHOLESALE LOAD ALLOCATOR (For Use in Gross Margin Tax Allocator)

10 Texas Jurisdictional Load - KW

11 Total Load - KW

12 Allocation Percentage (In 10 / In 11) 0.00%

# AEP West SPP Member Companies Cost of Service Formula Rate Using 2015 FF1 Balances Worksheet L - Taxes Other than Income PUBLIC SERVICE COMPANY OF OKLAHOMA

### HISTORIC PERIOD EXPENSE (2015) - TO BE USED ON TRUE-UP TEMPLATE

	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	Account	Total Company	Property	Labor	Other	Non-Allocable
1 2	Revenue Taxes OH CAT Tax	1,092				1,092
3 4 5 6 7	Real Estate and Personal Property Taxes Oklahoma Ad Valorum Texas Ad Valorum Louisiana Ad Valorum	30,919,988 1,212,759 729	30,919,988 1,212,759 729 -			
8 9 10 11	Payroll Taxes Federal Insurance Contribution (FICA) Federal Unemployment Tax State Unemployment Insurance	4,729,378 34,959 (9,687)		4,729,378 34,959 (9,687)		
12 13 14	Production Taxes					<del>-</del>
15 16 17 18 19 20 21 22 23 24 25 26 26	Miscellaneous Taxes Federal Excise Tax Ok State Franchise Tax Ok Sales & Use Taxes Ok Local Franchise Tax - 2015 Ok Lsd PP Tax - 2015 State License Fee Tx Sales & Use Taxes Unemployement TX - 014 TX Lsd PP Tax - 2015 Ok Misc Tax MT Misc Tax Wy Misc Tax	2,220 20,000 434 173,372 118,123 67 (8,527) (8,033) 20,000 61			20,000 118,123 67 (8,033) 20,000 61 -	2,220 434 173,372 (8,527)
27	Total Taxes by Allocable Basis (Total Company Amount Ties to FFI p.114, Ln 14,(c))	37,206,935 37,206,935	32,133,476	4,754,650	150,218	168,591

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#### AEP West SPP Member Companies Cost of Service Formula Rate Using 2015 FF1 Balances

### Worksheet M - Cost of Debt Based on Outstanding Balances as of 12/31/2015 PUBLIC SERVICE COMPANY OF OKLAHOMA

(A)	(B)	(C)	(D)	(E)
<u>Issuance</u>	Principle Amount FF1.p. 257.x (h)	Interest Rate	Annual Expense	<u>Notes</u>
Long Term Debt (FF1.p. 256-257.h)	FF1.μ. 237.λ (II)			
Other Long Term Debt     Oklahoma Local Revolving Credit Facility	125,000,000		1,973,825	p256.1 L7(h)
3 Pollution Control Bonds				
4 Pollution Control Bonds - Series 2007	12,660,000	4.45%	563,370	p257 L23h)
5 <u>Senior Unsecured Notes</u>				
6 Senior Unsecured Notes - Series F 7 Senior Unsecured Notes - Series G	150,000,000	6.15%	9,225,000	
8 Senior Unsecured Notes - Series H	250,000,000 250,000,000	6.625% 5.15%	16,562,500 12,875,000	
9 Senior Unsecured Notes - Series I	250,000,000	4.40%	11,000,000	
10 Senior Unsecured Notes - Series A	125,000,000	3.17%		p256.1 L10(h)
11 Senior Unsecured Notes - Series B	125,000,000	4.09%		p256.1 L13(h)
12 GridSMART Promissory Note	5,902,544	3.00%	182,982	p257 L25(h)
Issuance Discount, Premium, & Expenses:				
13 Financial Hedges & Auction Fees	FF1.p. 256 & 257.Lines Described as F	ledges or Fees	(1,167,106)	256 Ln15(i) 257 Ln5(i)
<ul><li>14 Amort of Debt Discount and Expenses</li><li>15 Less: Amor of Debt Premimums</li></ul>	FF1.p. 117.63.c (also WS-N Ln 15) FF1.p. 117.65.c (also WS-N Ln 17)		960,992 -	
Reacquired Debt:				
<ul><li>16 Amortization of Loss</li><li>17 Less: Amortization of Gain</li></ul>	FF1.p. 117.64.c (also WS-N Ln 16) FF1.p. 117.66.c (also WS-N Ln 18)		1,202,603	
17 Edge. Amortization of Cam	11 1.p. 117.00.0 (also We 11 Ell 10)			
18 Total Interest on Long Term Debt	1,293,562,544	4.74%	61,279,457	
Preferred Stock (FF1.p. 250-251)	Preferred Balance Outstanding			
19 20	-		-	
21			-	
22 Dividends on Preferred Stock	_	0.00%	-	]

**(E)** 

#### AEP West SPP Member Companies Cost of Service Formula Rate Using 2015 FF1 Balances PUBLIC SERVICE COMPANY OF OKLAHOMA

### Calculation of Capital Structure and Weighted Average Cost of Capital Based on Average of Balances At 12/31/2014 and 12/31/2015

(C)

(D)

(B)

48 Average Cost of Preferred Stock (Ln 47/46)

(A)

(~)	(D)	(0)	(D)	(上)
Line		Balances @ 12/31/2015	Balances @ 12/31/2014	Average
<u>Devel</u>	opment of Average Balance of Common Equity		_	
	1 Total Proprietary Capital (p. 112.16.c&d)	1,119,986,871	1,028,214,326	1,074,100,599
	2 Less Preferred Stock from Ln 46 below	1,119,900,071	1,020,214,320	1,074,100,599
	3 Less Account 216.1 (p. 112.12.c&d)	0	-	-
	4 Less Account 219.1 (p. 112.15.c&d)	4,184,017	4,942,636	4,563,327
	5 Average Balance of Common Equity	1,115,802,854	1,023,271,690	1,069,537,272
<u>Devel</u>	opment of Cost of Long Term Debt Based on Ave	erage Outstanding B	<u>Balance</u>	
	6 Bonds (221) (p. 112.18.c&d)	-	-	_
	7 Less: Reacquired Bonds (222) (p. 112.19.c&d)	-	-	-
	8 Advances from Assoc. Companies (223) (p112.20.c&d)		<del>.</del>	-
	9 Senior Unsecured Notes (224) (p. 112.21.c&d)  10 Total Average Debt	1,293,562,544 1,293,562,544	1,043,989,728 1,043,989,728	1,168,776,136 1,168,776,136
	10 Total Average Debt	1,293,302,344	1,043,969,726	1,100,770,130
	11 Annual Interest Expense for 2016			
	12 Coupon Interest on Long Term Debt (256-257.33.i)			59,115,862
	13 Less: Financial Hedge Gain/Expense from Ln 26 Included i	in Ln 12		(1,167,106)
	<ul><li>14 Plus: Allowed Hedge Recovery from Ln 30 below</li><li>15 Amort of Debt Discount &amp; Expense (428) (p. 117.63.c)</li></ul>			(1,119,157) 960,992
	16 Amort of Loss on Reacquired Debt (428.1) (p. 117.64.c)			1,202,603
	17 Less: Amort of Premium on Debt (429) (p. 117.65.c)			-
	18 Less: Amort of Gain on Reacquired Debt (429.1) (p. 117.6			-
	19 Total Interest Expense (Ln 12 + Ln 13 + Ln 14 + Ln 15 +	Ln 16 - Ln 17 - Ln 18)		61,327,406
	20 Average Cost of Debt for 2016 (Ln 19/Ln 10)			5.25%
	21 Financial Hedge Amortization Reported in Column (i) on Pa	age 256-257 (Enter Gains	as a Negative Num	ber)
	22 SUN Series I 4.4% Financial Hedge (p. 257.1 Ln 5.i)			(1,279,141)
	23 SUN Series F 6.15% Financial Hedge (p. 256 Ln 17.i)			112,035
	24 25			
	26 Total Hedge Amortization		_	(1,167,106)
	27 Total Average Capital Balance for 2015 (Actual TCOS, Ln	,		2,238,313,408
	28 Financial Hedge Recovery Limit - Five Basis Points of Total	al Capital		0.0005
	29 Limit of Recoverable Amount 30 Recoverable Hedge Amortization		Г	(1,119,157) <b>(1,119,157)</b>
	(lesser of 5 basis point Cap or Actual (Gain)/Expense base	ed on magnitude as indicat	ed on Ln 26 or Ln 2	, , ,
Devel	opment of Cost of Preferred Stock			
	Preferred Stock			<u>Average</u>
	31% Series Dividend Rate (p. 250-251a)			
	32% Series Par Value (p. 250-251c) 33% Series Shares O/S (p.250-251e)			
	34% Series Monetary Value (Ln 32 * Ln 33)	-	-	-
	35% Series Dividend Amount (Ln 31 * Ln 34)	-	-	-
	36% Series Dividend Rate (p. 250-251. col(a))			
	37% Series Par Value (p. 250-251. col(c))			
	38% Series - 0 - Share O/S (p. 250-251. col(e))			
	39% Series Monetary Value (Ln 37 * Ln 38)	-	-	-
	40% Series Dividend Amount (Ln 36 * Ln 39)	-	-	-
	41 0% Series Dividend Rate (p. 250-251.)			
	42 0% Series Par Value (p. 250-251.)			
	43 0% Series Shares O/S (p.250-251.)			
	44 0% Series Monetary Value (Ln 42 * Ln 43) 45 0% Series Dividend Amount (Ln 41 * Ln 44)	-	-	-
	45 0 /0 Series Dividend Amount (Ln 41 ° Ln 44)	-	-	-
	46 Balance of Preferred Stock (Lns 34, 39, 44)	<u>-</u>	<u>-</u>	
	47 Dividens on Preferred Stock (Lns 35, 40, 45) 48 Average Cost of Preferred Stock (Ln 47/46)	0.00%	- 0.00%	-
	40 Average Cost of Freienred Stock (LD 47/46)	() (10%	U UU%	U.UU%

#### SOUTHWESTERN ELECTRIC POWER COMPANY

Line No.						T	ransmission Amount
1	REVENUE REQUIREMENT (w/o incentives)	(In 120)					\$155,087,151
		<b>.</b>	Total	Allo	cator		
2	REVENUE CREDITS	(Note A)					
3	Transmission Credits	(Worksheet H)	9,106,191	DA	1.00000	\$	9,106,191
4	Assoc. Business Development	(Worksheet H)	240,824	DA	1.00000	\$	240,824
5	Total Revenue Credits	·	9,347,015			\$	9,347,015
6	REVENUE REQUIREMENT For All Company Facilities	(In 1 less In 5)					\$145,740,136
MEN	IO: The Carrying Charge Calculations on lines 9 to 14 below is used in ca requirements for these project	alculating project revenue requirements billed on SPP Schects shown on line 7 is included in the total on line 6.	edule 11. The total non-incen	tive revenue			
7			63,756,965	DA	1.00000	\$	63,756,965
	Revenue Requirement for SPP BPU Regional Facilities (w/o incentives) (W	/orksheet F)					
8	NET PLANT CARRYING CHARGE (w/o incentives) (Note B)						
9	Annual Rate	(In 1/ (Sum of Ins 46, 47, 48, 49, 51)) x 100%					16.14%
10	Monthly Rate	(ln 9 / 12)					1.35%
11	NET PLANT CARRYING CHARGE ON LINE 9 , W/O DEPRECIATION (w/o	incentives) (Note B)					
12	Annual Rate	((In 1 - In 95) / (Sum of Ins 46, 47, 48, 49, 51)) x 100%					13.01%
13	NET PLANT CARRYING CHARGE ON LINE 11, W/O INCOME TAXES, RE	ETURN (Note B)					
14	Annual Rate	((ln 1 - ln 95 - ln 117 - ln 118) / (Sum of lns 46, 47, 48, 49	, 51)) x 100%				4.16%
15	ADDITIONAL REVENUE REQUIREMENT for projects w/ incentive ROE's (N	Note C) (Worksheet F)					-

#### SOUTHWESTERN ELECTRIC POWER COMPANY

	(1)	(2)	(3)	(4	1)	(5)
	RATE BASE CALCULATION	Data Sources (See "General Notes")	<u>TO Total</u>	Allog	cator_	Total <u>Transmission</u>
Line No.	GROSS PLANT IN SERVICE		NOTE D			
16 17	Production Less: Production ARO (Enter Negative)	(Worksheet A In 1.C) (Worksheet A In 2.C)	4,158,567,302 (61,153,921)	NA NA	0.00000 0.00000	-
18	Transmission	(Worksheet A In 3.C & Hist. Template Ln 169)	1,387,776,696	DA		1,309,855,784
19 20	Less: Transmission ARO (Enter Negative)	(Worksheet A In 4.C)	-	TP	0.94780 1.00000	105 025 020
21	Plus: Transmission Plant-in-Service Additions (Worksheet B) Plus: Additional Trans Plant on Transferred Assets (Worksheet B)		105,025,030 -	DA TP	0.94780	105,025,030 -
22 23	Distribution Less: Distribution ARO (Enter Negative)	(Worksheet A In 5.C) (Worksheet A In 6.C)	1,955,712,964	NA NA	0.00000 0.00000	-
24	General Plant	(Worksheet A In 7.C)	324,056,692	W/S	0.08010	25,956,275
25 26	Less: General Plant ARO (Enter Negative) Intangible Plant	(Worksheet A In 8.C) (Worksheet A In 9.C)	(713,958) 40,695,821	W/S W/S	0.08010 0.08010	(57,187) 3,259,652
27	TOTAL GROSS PLANT	(sum Ins 16 to 26)	7,909,966,626	VV/3	0.00010	1,444,039,554
28	ACCUMULATED DEPRECIATION AND AMORTIZATION					
29 30	Production Less: Production ARO (Enter Negative)	(Worksheet A In 12.C) (Worksheet A In 13.C)	1,444,419,377 (5,424,046)	NA NA	0.00000 0.00000	-
30	Transmission	(Worksheet A In 14.C &	461,774,500	TP1=	0.00000	
31		28.C)			0.91873	424,244,914
32 33	Less: Transmission ARO (Enter Negative) Plus: Transmission Plant-in-Service Additions (Worksheet B)	(Worksheet A In 15.C)	- 682,366	<b>TP1=</b> DA	0.91873 1.00000	- 682,366
34	Plus: Additional Projected Deprec on Transferred Assets (Worksheet B)		-	DA	1.00000	-
35 36	Plus: Additional Transmission Depreciation for 2016 (In 95) Plus: Additional General & Intangible Depreciation for (In 97+In 98)		31,768,930 19,931,523	TP1 W/S	0.91873 0.08010	29,186,988 1,596,474
37	Plus: Additional Accum Deprec on Transferred Assets (Worksheet B)		-	DA	1.00000	1,530,474
38	Distribution	(Worksheet A In 16.C)	690,329,575	NA	0.00000	-
39 40	Less: Distribution ARO (Enter Negative) General Plant	(Worksheet A In 17.C) (Worksheet A In 18.C)	- 190,936,107	NA W/S	0.00000 0.08010	- 15,293,590
41	Less: General Plant ARO (Enter Negative)	(Worksheet A In 19.C)	(411,556)	W/S	0.08010	(32,965)
42 43	Intangible Plant TOTAL ACCUMULATED DEPRECIATION	(Worksheet A In 20.C) (sum Ins 29 to 42)	<u>23,364,306</u> 2,857,371,082	W/S	0.08010	1,871,433 472,842,800
44	NET PLANT IN SERVICE					
45	Production	(In 16 + In 17 - In 29 - In 30)	2,658,418,050			-
46	Transmission	(In 18 + In 19 - In 31 - In 32)	926,002,196			885,610,870
47 48	Plus: Transmission Plant-in-Service Additions (In 20 - In 33) Plus: Additional Trans Plant on Transferred Assets (In 21 - In 34)		104,342,664			104,342,664 -
49	Plus: Additional Transmission Depreciation for 2016 (-In 35)		(31,768,930)			(29,186,988)
50 51	Plus: Additional General & Intangible Depreciation for 2016 (-In 36) Plus: Additional Accum Deprec on Transferred Assets (Worksheet B) (-In 37)		(19,931,523)			(1,596,474)
52	Distribution	(In 22 + In 23 - In 38 - In 39)	1,265,383,389			-
53 54	General Plant Intangible Plant	(In 24 + In 25 - In 40 - In 41) (In 26 - In 42)	132,818,184 17,331,515			10,638,463 1,388,219
55	TOTAL NET PLANT IN SERVICE	(sum Ins 45 to 54)	5,052,595,544			971,196,754
=-		(No. 15)				
56 57	DEFERRED TAX ADJUSTMENTS TO RATE BASE Account No. 281.1 (enter negative)	(Note E) 272-273.8.k	_	NA		<u>-</u>
58	Account No. 282.1 (enter negative)	(Worksheet C, In 1.C & In 3.J)	(1,185,711,001)	DA		(200,688,576)
59 60	Account No. 283.1 (enter negative) Account No. 190.1	(Worksheet C, In 10.C & Ln 12.J) (Worksheet C, In 19.C & Ln 21.J)	(46,919,466) 127,491,877	DA DA		(2,823,935) 1,350,567
61	Account No. 255 (enter negative)	(Worksheet C, In 19.0 & Lin 21.3) (Worksheet C, In 28.0 & Ln 30.J)	127,491,077	DA		1,330,307
62	TOTAL ADJUSTMENTS	(sum Ins 57 to 61)	(1,105,138,590)			(202,161,943)
63	PLANT HELD FOR FUTURE USE	(Worksheet A In 29.C & In 30.C)	1,581,480	DA		-
64	WORKING CAPITAL	(Note F)				
65 66	Cash Working Capital Transmission Materials & Supplies	(1/8 * In 80) (Note G) (Worksheet D, In 2.(D))	2,420,488 304,802	TP	0.94780	2,294,144 288,892
67	A&G Materials & Supplies	(Worksheet D, In 3.(D))	192,087	W/S	0.08010	15,386
68 60	Stores Expense  Propouments (Account 165) Labor Allegated	(Worksheet D, In 4.(D))	-	GP(h)	0.17154	0.005.500
69 70	Prepayments (Account 165) - Labor Allocated Prepayments (Account 165) - Gross Plant	(Worksheet D, In 5.G) (Worksheet D, In 5.F)	111,058,111 2,535,003	W/S GP(h)	0.08010 0.17154	8,895,526 434,865
71	Prepayments (Account 165) - Transmission Only	(Worksheet D, In 5.E)	-	DA	1.00000	-
72 73	Prepayments (Account 165) - Unallocable TOTAL WORKING CAPITAL	(Worksheet D, In 5.D) (sum Ins 65 to 72)	(95,981,338) 20,529,153	NA	0.00000	11,928,814
				5.	4 00000	
74	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note H) (Worksheet E, In 7 (B))	(46,339,620)	DA	1.00000	(46,339,620)
75	RATE BASE (sum Ins 55, 62, 63, 73, 74)		3,923,227,968			734,624,004

#### SOUTHWESTERN ELECTRIC POWER COMPANY

(1) (2) (3) (4) (5)

EXPENSE TAXES RETURN & REVENUE Data Sources

	EXPENSE, TAXES, RETURN & REVENUE	Data Sources				Total
Lino	REQUIREMENTS CALCULATION	(See "General Notes")	<u>TO Total</u>	Allo	<u>cator</u>	<u>Transmission</u>
Line No.	OPERATION & MAINTENANCE EXPENSE					
76	Transmission	321.112.b	96,781,200			
77	Less: Total Account 561	(Note I) 321.84-92.b	15,688,974			
78	Less: Account 565	(Note J) 321.96.b	61,728,320			
79	Less: expenses 100% assigned to TO billed customers (Worksheet I, In 14)	,	\$0			
80	Total O&M Allocable to Transmission	(Ins 76 - 77 - 78 - 79)	19,363,906	TP	0.94780	18,353,153
81	Administrative and General	323.197.b (Note K)	70,385,819			
82	Less: Acct. 924, Property Insurance	323.185.b	2,538,763			
83	Acct. 928, Reg. Com. Exp.	323.189.b	1,923,339			
84	Acct. 930.1, Gen. Advert. Exp.	323.191.b	269,699			
85	Acct. 930.2, Misc. Gen. Exp.	323.192.b	1,117,978			
86	Balance of A & G	(In 81 - sum In 82 to In 85)	64,536,040	W/S	0.08010	5,169,204
87	Plus: Acct. 924, Property Insurance	(In 82)	2,538,763	GP(h)	0.17154	435,510
88	Acct. 928 - Transmission Specific	Worksheet J In 32.(E) (Note L)	-	TP	0.94780	-
89	Acct 930.1 - Only safety related ads -Direct	Worksheet J In 46.(E) (Note L)	-	TP	0.94780	-
90	Acct 930.2 - Misc Gen. Exp Trans	Worksheet J In 49.(E) (Note L)	109,203	DA	1.00000	109,203
91	Less: PBOP Expense In Acct. 926 Adjustment	Worksheet J In 10.C (Note M)	(13,645,949)	W/S	0.08010	(1,093,012)
92	A & G Subtotal	(sum lns 86 to 90 less ln 91)	80,829,955			6,806,929
93	TOTAL O & M EXPENSE	(In 80 + In 92)	100,193,861			25,160,083
94	DEPRECIATION AND AMORTIZATION EXPENSE					
95	Transmission	336.7.f	31,768,930	TP	0.94780	30,110,663
96	Plus: Transmission Plant-in-Service Additions (Worksheet B)	000.40.6	682,366	DA	1.00000	682,366
97	General	336.10.f	7,922,859	W/S	0.08010	634,605
98	Intangible	336.1.f	12,008,664	W/S	0.08010	961,869
99	TOTAL DEPRECIATION AND AMORTIZATION	(sum Ins 95 to 98)	52,382,819			32,389,503
100	TAXES OTHER THAN INCOME	(Note N)				
101	Labor Related					
102	Payroll	Worksheet L, Col. D	6,775,111	W/S	0.08010	542,672
103	Plant Related					
104	Property	Worksheet L, Col. C	51,940,176	GP(h)	0.17154	8,910,039
105	Gross Receipts/Sales & Use	Worksheet L, Col. F	23,261,131	NA OD/()	0.00000	-
106	Other	Worksheet L, Col. E	6,063,521	GP(h)	0.17154	1,040,162
107	TOTAL OTHER TAXES	(sum lns 102 to 106)	88,039,939			10,492,874
108	INCOME TAXES	(Note O)				
109	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		37.92%			
110	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =		40.91%			
111	where WCLTD=(In 147) and WACC = (In 150)					
112	and FIT, SIT & p are as given in Note O.					
113	GRCF=1 / (1 - T) = (from ln 109)		1.6108			
114	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, ln 19.c)	(1,351,985)			
115	Income Tax Calculation	(ln 110 * ln 118)	132,372,275			24,786,694
116	ITC adjustment	(ln 113 * ln 114)	(2,177,792)	NP(h)	0.17952	(390,955)
117	TOTAL INCOME TAXES	(sum lns 115 to 116)	130,194,483			24,395,738
118	RETURN ON RATE BASE (Rate Base*WACC)	(ln 75 * ln 150)	323,566,304			60,587,755
119	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note E) (Worksheet E, In 2)		1,622,024	DA	1.00000	1,622,024
120	REVENUE REQUIREMENT BEFORE TEXAS GROSS MARGIN TAX		695,999,430			154,647,977
121	(sum lns 93, 99, 107, 117, 118, 119)		<del></del>			
122	TEXAS GROSS MARGIN TAX (Note P) (Worksheet K)		1,976,518	DA		439,174
123	REVENUE REQUIREMENT INCLUDING GROSS MARGIN TAX		697,975,948			155,087,151
.20			301,010,010			100,007,101

#### SOUTHWESTERN ELECTRIC POWER COMPANY

#### SUPPORTING CALCULATIONS

In No. 124	TRANSMISSION PLANT INCLUDED IN SPP TARIFF Total transmission plant	(In 18, 19, 20, 21)						1,492,801,726
125	Less transmission plant excluded from SPP Tariff (Note Q)	00 O.L (O)) (NL.(- D)						41,354,526
126 127	Less transmission plant included in OATT Ancillary Services (Worksheet A, In Transmission plant included in SPP Tariff	(ln 124 - ln 125 - ln 126)						36,566,386 1,414,880,814
128	Percent of transmission plant in SPP Tariff	(In 127 / In 124)					TP=	0.94780
129 130 131 132 133 134	WAGES & SALARY ALLOCATOR (W/S) Production Transmission Regional Market Expenses Distribution Other (Excludes A&G)	(Note S) 354.20.b 354.21.b 354.22.b 354.23.b 354.24,25,26.b	Direct Payroll 41,842,715 3,507,774 0 28,508,313 8,345,335	Payroll Billed from AEP Service Corp. 13,325,443 5,751,094 0 1,585,672 6,694,217	Total 55,168,158 9,258,868 - 30,093,985 15,039,552	NA TP NA NA NA	0.00000 0.94780 0.00000 0.00000 0.00000	- 8,775,576 - - -
135	Total	(sum Ins 130 to 134)	82,204,137	27,356,426	109,560,563			8,775,576
136	Transmission related amount						W/S=	0.08010
137 138 139	WEIGHTED AVERAGE COST OF CAPITAL (WACC)	Long Term Interest (Worksheet Preferred Stock Dividends (Wo						\$ 118,777,528 -
138 139 140 141 142 143 144	WEIGHTED AVERAGE COST OF CAPITAL (WACC)  Development of Common Stock:	Preferred Stock Dividends (Wo Proprietary Capital (112.16.c) Less Preferred Stock (In 148) Less Account 216.1 (112.12.c) Less Account 219.1 (112.15.c)	orksheet M, In. 23, col. (D))					- 2,169,212,700 - 27,601,852 (9,331,734)
138 139 140 141 142 143		Preferred Stock Dividends (Wo Proprietary Capital (112.16.c) Less Preferred Stock (In 148) Less Account 216.1 (112.12.c)	orksheet M, In. 23, col. (D))	Capital Structure P Actual 50.68% 0.00% 49.32%	ercentages Cap Limit 0.00% 0.00% 0.00%	•	Cost (Note T) 0.0537 - 11.2% WACC=	2,169,212,700 - 27,601,852

SOUTHWESTERN ELECTRIC POWER COMPANY

**Notes** 

<u>Letter</u>

General Notes: a) References to data from FERC Form 1 are indicated as: page#.line#.col.#

- b) If transmission owner ("TO") functionalizes its costs to transmission on its books, those costs are shown above and on any supporting workpapers rather than using the allocations above.
- The revenue credits shall include a) amounts received directly from the SPP for PTP transmission services, b) direct assignment charges for transmission facilities, the cost of which has been included in the TCOS, and c) amounts from customers taking service under grandfathered agreements, where the demand is not included in the rate divisor. Revenues associated with FERC annual charges, gross receipts taxes, ancillary services or facilities excluded from the TCOS are not included as revenue credits. Revenue from Transmission Customers whose coincident peak loads are included in the DIVISOR of the load-ratio share calculation are not included as revenue credits. See Worksheet A for details.
- B The annual and monthly net plant carrying charges on page 1 are used to compute the revenue requirement for facilities and any upgrades.
- This additional revenue requirement is determined using a net plant carrying charge (fixed carrying charge or FCR) approach. Worksheet G shows the calculation of the projected revenue requirement for each project, based on an FCR rate caclulated from inputs on the Historic TCOS. Line 15 shows the incremental ARR for projects receiving incentives as accepted by FERC. These individual additional revenue requirements are summed for the true-up year, and included here.
- The gross plant, accumulated depreciation, and deferred tax balances included in rate base are reduced by the removal of balances related to Asset Retirement Obligations (AROs). This is to comply with the requirements of FERC Rulemaking RM02-7-000.
- The total-company balances shown for Accounts 281, 282, 283, 190 only reflect ADIT that relates to utility operations.

  The balance of Account 255 is reduced by prior flow throughs and is completely excluded if the utility chose to utilize amortization of tax credits against FIT expense as discussed in Note N. An exception to this is pre-1971 ITC balances, which are required to be taken as an offset to rate base. Account 281 is not allocated. Transmission allocations are shown on Worksheet B.
- F Identified as being transmission related or functionally booked to transmission.
- G Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission on line 80.
- H Consistent with Paragraph 657 of Order 2003-A, the amount on line is equal to the balance of IPP System Upgrade Credits owed to transmission customers that made contributions toward the construction of System upgrades, and includes accrued interest and unreturned balance of contributions. The annual interest expense is included on line 119.
- I Removes the expense booked to transmission accounts included in the development of OATT ancillary services rates, including all of Account No. 561.
- J Removes cost of transmission service provided by others to the extent such service is not incurred to provide the SPP service at issue.
- K General Plant and Administrative & General expenses may be functionalized based on allocators other then the W/S allocator. Full documentation must be provided.
- Expense reported for these A&G accounts will be included in the cost of service only to the extent they are directly assignable to transmission service. Worksheet D allocates these expense items. Acct 928 Includes Regulatory Commission expenses itemized in FERC Form-1 at page 351, column H. FERC Assessment Fees and Annual Charges shall not be allocated to transmission. Only safety-related and educational advertising costs in Account 930.1 are included in the TCOS. Account 930.2 includes the expenses incurred by the transmission function for Associated Business Development revenues given as a credit to the TCOS on Worksheet E.
- M
  This line complies with FERC requirement that Other Post Employment Benefits remain constant from an initial test year. Changes in this base amount can only occur via approval of a 205 filing.
- N Includes only FICA, unemployment, property and other assessments charged in the current year. Gross Receipts tax, Sales & Use taxes, and taxes related to income are excluded.
- The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p =
  "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a
  work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that
  elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce
  rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f)
  (In 109) multiplied by (1/1-T). If the applicable tax rates are zero enter 0.

Inputs Required: FIT = 35.00%
SIT= 4.49% (State Income

SIT= 4.49% (State Income Tax Rate or Composite SIT. Worksheet K))
p = 0.00% (percent of federal income tax deductible for state purposes)

- P Effective January 1, 2007, Texas instituted a gross margin tax. This tax is calculated on the Texas allocated revenue of the Company, reduced by 30% to derive a "Gross Margin" for the Company. The tax rate of one percent is assessed on the resulting amount. The jurisdictional allocator is based on transmission demand allocators.
- Q Removes plant excluded from the OATT because it does not meet the SPP's definition of Transmission Facilities or is otherwise ineligible to be recovered under the OATT.
- Removes transmission plant (e.g. step-up transformers) included in the development of OATT ancillary service rates and not already removed for reasons indicated in Note Q.
- S Includes functional wages & salaries incurred by parent company service corporation for support of the operating company.
- Long Term Debt cost rate = long-term interest (ln 138) / long term debt (ln 147). Preferred Stock cost rate = preferred dividends (ln 139) / preferred outstanding (ln 148). Common Stock cost rate (ROE) = 11.2%, the rate accepted by FERC in Docket No. ER07-XXX. It includes an additional 50 basis points for remaining a member of the SPP RTO.
- Per Settlement, equity is limited to 52.5% of PSO's Capital Structure. If the percentage of equity exceeds the cap, the excess is included in long term debt in the cap structure. This value cannot change prior to 2/1/11. After this date it can only be changed via an approved 205 or 206 filing.

AEP - SPP Formula Rate SWEPCO TCOS - Historic

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## AEP West SPP Member Companies Transmission Cost of Service Formula Rate Utilizing Historic Cost Data for 2015 with Year-End Rate Base Balances

#### SOUTHWESTERN ELECTRIC POWER COMPANY

Line No. 152	REVENUE REQUIREMENT (w/o incentives)	(ln 271)	Total	Allo	ocator	T	ransmission Amount \$145,580,775
153 154 155 156	REVENUE CREDITS Transmission Credits Assoc. Business Development Total Revenue Credits	(Note A) (Worksheet H) (Worksheet H)	9,106,191 240,824 9,347,015	DA DA	1.00000	\$ \$	9,106,191 240,824 9,347,015
157	REVENUE REQUIREMENT For All Company Facilities	(In 152 less In 156)				\$	136,233,760
ME	MO: The Carrying Charge Calculations on lines 160 to 165 below is used in revenue requirements for these projections.	calculating project revenue requirements billed on cts shown on line is included in the total on line 157		n-incentive			
158 159 160	Revenue Requirement for SPP BPU Regional Facilities (w/o incentives) (Wo NET PLANT CARRYING CHARGE (w/o incentives) (Note B) Annual Rate	(In 152/ In 197 x 100%)	63,756,965	DA	1.00000	\$	63,756,965 16.44%
161	Monthly Rate	(In 160 / 12)					1.37%
162 163	NET PLANT CARRYING CHARGE ON LINE 160 , W/O DEPRECIATION (w/o	o incentives) (Note B) ( (In 152 - In 246) / In 197 x 100%)					13.05%
164 165	NET PLANT CARRYING CHARGE ON LINE 162, W/O INCOME TAXES, RE Annual Rate	ETURN (Note B) ( (In 152 - In 246 - In 268 - In 269) / In 197 x 100%)					4.42%
166	ADDITIONAL REVENUE REQUIREMENT for projects w/ incentive ROE's (No	ote C) (Worksheet F)					-

#### SOUTHWESTERN ELECTRIC POWER COMPANY

	(1)	(2)	(3)	(	4)	(5)
	RATE BASE CALCULATION	Data Sources (See "General Notes")	TO Total	Allo	<u>cator</u>	Total <u>Transmission</u>
Line No.	GROSS PLANT IN SERVICE		NOTE D			
167	Production	(Worksheet A In 1.C)	4,158,567,302	NA	0.00000	-
168	Less: Production ARO (Enter Negative)	(Worksheet A In 2.C) (Worksheet A In 3.C & Ln	(61,153,921)	NA	0.00000	-
169	Transmission	278)	1,387,776,696	DA		1,309,855,784
170 171	Less: Transmission ARO (Enter Negative)	(Worksheet A In 4.C)	- N/A	TP NA	0.94385	- N/A
171	Plus: Transmission Plant-in-Service Additions (Worksheet B) Plus: Additional Trans Plant on Transferred Assets (Worksheet B)		N/A N/A	NA NA	0.00000 0.00000	N/A N/A
173	Distribution	(Worksheet A In 5.C)	1,955,712,964	NA	0.00000	-
174	Less: Distribution ARO (Enter Negative)	(Worksheet A In 6.C)	-	NA W/G	0.00000	-
175 176	General Plant Less: General Plant ARO (Enter Negative)	(Worksheet A In 7.C) (Worksheet A In 8.C)	324,056,692 (713,958)	W/S W/S	0.07976 0.07976	25,848,094 (56,948)
177	Intangible Plant	(Worksheet A In 9.C)	40,695,821	W/S	0.07976	3,246,066
178	TOTAL GROSS PLANT	(sum Ins 167 to 177)	7,804,941,596	GP(h)= GTD=	0.171544 0.41507	1,338,892,996
179	ACCUMULATED DEPRECIATION AND AMORTIZATION					
180 181	Production Less: Production ARO (Enter Negative)	(Worksheet A In 12.C) (Worksheet A In 13.C)	1,444,419,377 (5,424,046)	NA NA	0.00000 0.00000	-
101	Less. Floduction ANO (Enter Negative)	(Worksheet A In 14.C &	(3,424,040)	INA	0.00000	-
182	Transmission	28.C)	461,774,500.000	TP1=	0.91873	424,244,914
183	Less: Transmission ARO (Enter Negative)	(Worksheet A In 15.C)	-	TP1=	0.91873	-
184 185	Plus: Transmission Plant-in-Service Additions (Worksheet B) Plus: Additional Projected Deprec on Transferred Assets (Worksheet B)		N/A N/A	DA DA	1.00000 1.00000	N/A N/A
186	Plus: Additional Transmission Depreciation for 2016 (In 246)		N/A	TP1	0.91873	N/A
187	Plus: Additional General & Intangible Depreciation for 2016 (ln 248+ln 249)		N/A	W/S	0.07976	N/A
188	Plus: Additional Accum Deprec on Transferred Assets (Worksheet B)	(14)	N/A	DA	1.00000	N/A
189 190	Distribution Less: Distribution ARO (Enter Negative)	(Worksheet A In 16.C) (Worksheet A In 17.C)	690,329,575	NA NA	0.00000 0.00000	-
191	General Plant	(Worksheet A In 18.C)	190,936,107	W/S	0.07976	15,229,849
192	Less: General Plant ARO (Enter Negative)	(Worksheet A In 19.C)	(411,556)	W/S	0.07976	(32,827)
193	Intangible Plant TOTAL ACCUMULATED DEPRECIATION	(Worksheet A In 20.C)	23,364,306	W/S	0.07976	1,863,633
194		(sum Ins 180 to 193)	2,804,988,263			441,305,568
195 106	NET PLANT IN SERVICE	(lp 167 ; lp 169  p 190  p 191)	2.659.449.050			
196 197	Production Transmission	(ln 167 + ln 168 - ln 180 - ln 181) (ln 169 + ln 170 - ln 182 - ln 183)	2,658,418,050 926,002,196			- 885,610,870.201
198	Plus: Transmission Plant-in-Service Additions (In 171 - In 184)	( 100 + 110 101 100)	N/A			N/A
199	Plus: Additional Trans Plant on Transferred Assets (In 172 - In 185)		N/A			N/A
200	Plus: Additional Transmission Depreciation for 2016 (-In 186)		N/A			N/A
201 202	Plus: Additional General & Intangible Depreciation for 2016 (-In 187) Plus: Additional Accum Deprec on Transferred Assets (Worksheet B) (-In 18	8)	N/A N/A			N/A N/A
203	Distribution	(ln 173 + ln 174 - ln 189 - ln 190)	1,265,383,389			-
204	General Plant	(ln 175 + ln 176 - ln 191 - ln 192)	132,818,184			10,594,124
205 206	Intangible Plant TOTAL NET PLANT IN SERVICE	(In 177 - In 193) (sum Ins 196 to 205)	<u>17,331,515</u> 4,999,953,333	NP(h)=	0.179519	1,382,433 897,587,427
200	TOTAL NET FLANT IN SERVICE	(Sulli IIIS 190 to 203)	4,999,933,333	NF (11)=	0.179319	097,307,427
207	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note E)				
208	Account No. 281.1 (enter negative)	272-273.8.k	(4.495.744.004)	NA DA		- (200 600 F76)
209 210	Account No. 282.1 (enter negative) Account No. 283.1 (enter negative)	(Worksheet C, In 1.C & In 3.J) (Worksheet C, In 10.C & Ln 12.J)	(1,185,711,001) (46,919,466)	DA DA		(200,688,576) (2,823,935)
211	Account No. 190.1	(Worksheet C, In 19.C & Ln 21.J)	127,491,877	DA		1,350,567
212	Account No. 255 (enter negative)	(Worksheet C, In 28.C & Ln 30.J)	<del></del>	DA		-
213	TOTAL ADJUSTMENTS	(sum Ins 208 to 212)	(1,105,138,590)			(202,161,943)
214	PLANT HELD FOR FUTURE USE	(Worksheet A In 29.C & In 30.C)	1,581,480	DA		-
215	WORKING CAPITAL	(Note F)	0.400.400			0.004
216 217	Cash Working Capital Transmission Materials & Supplies	(1/8 * In 231) (Note G) (Worksheet D, In 2.(D))	2,420,488 304,802	TP	0.94385	2,284,583 287,688
218	A&G Materials & Supplies	(Worksheet D, In 3.(D))	192,087	W/S	0.07976	15,322
219	Stores Expense	(Worksheet D, In 4.(D))	· -	GP(h)	0.17154	-
220 221	Prepayments (Account 165) - Labor Allocated Prepayments (Account 165) - Gross Plant	(Worksheet D, In 5.G) (Worksheet D, In 5.F)	111,058,111 2,535,003	W/S GP(b)	0.07976 0.17154	8,858,452 434,865
221 222	Prepayments (Account 165) - Gross Plant Prepayments (Account 165) - Transmission Only	(Worksheet D, In 5.F)	2,333,003	GP(h) DA	1.00000	434,000 -
223	Prepayments (Account 165) - Unallocable	(Worksheet D, In 5.D)	(95,981,338)	NA	0.00000	
224	TOTAL WORKING CAPITAL	(sum Ins 216 to 223)	20,529,153			11,880,909
225	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note H) (Worksheet E, In 7.(B))	(46,339,620)	DA	1.00000	(46,339,620)
226	RATE BASE (sum Ins 206, 213, 214, 224, 225)		3,870,585,757			660,966,773

#### SOUTHWESTERN ELECTRIC POWER COMPANY

	(1)	(2)	(3)	(	4)	(5)
	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	TO Total	Allo	<u>cator</u>	Total <u>Transmission</u>
Line	ODEDATION & MAINTENANCE EVDENCE					
No. 227	OPERATION & MAINTENANCE EXPENSE Transmission	321.112.b	96,781,200			
228	Less: Total Account 561	(Note I) 321.84-92.b	15,688,974			
229	Less: Account 565	(Note J) 321.96.b	61,728,320			
230	Less: expenses 100% assigned to TO billed customers (Worksheet I, In 14)	,	<u> </u>			
231	Total O&M Allocable to Transmission	(Ins 227 - 228 - 229 - 230)	19,363,906	TP	0.94385	18,276,661
232	Administrative and General	323.197.b (Note K)	70,385,819			
233	Less: Acct. 924, Property Insurance	323.185.b	2,538,763			
234	Acct. 928, Reg. Com. Exp.	323.189.b	1,923,339			
235	Acct. 930.1, Gen. Advert. Exp.	323.191.b	269,699			
236	Acct. 930.2, Misc. Gen. Exp.	323.192.b	1,117,978			
237	Balance of A & G	(In 232 - sum In 233 to In 236)	64,536,040	W/S	0.07976	5,147,660
238	Plus: Acct. 924, Property Insurance	(In 233)	2,538,763	GP(h)	0.17154	435,510
239	Acct. 928 - Transmission Specific	Worksheet J In 32.(E) (Note L)	-	TP	0.94385	-
240	Acct 930.1 - Only safety related ads -Direct	Worksheet J In 46.(E) (Note L)	-	TP	0.94385	-
241	Acct 930.2 - Misc Gen. Exp Trans	Worksheet J In 49.(E) (Note L)	109,203	DA	1.00000	109,203
242	Less: PBOP Expense In Acct. 926 Adjustment	Worksheet J In 10.C (Note M)	(13,645,949)	W/S	0.07976	(1,088,457)
243	A & G Subtotal	(sum lns 237 to 241 less ln 242)	80,829,955			6,780,830
244	TOTAL O & M EXPENSE	(ln 231 + ln 243)	100,193,861			25,057,491
245	DEPRECIATION AND AMORTIZATION EXPENSE		<del></del>			
246	Transmission	336.7.f	31,768,930	TP	0.94385	29,985,168
247	Plus: Transmission Plant-in-Service Additions (Worksheet B)		N/A			N/A
248	General Control of the Control of th	336.10.f	7,922,859	W/S	0.07976	631,960
249	Intangible	336.1.f	12,008,664	W/S	0.07976	957,860
250	TOTAL DEPRECIATION AND AMORTIZATION	(sum Ins 246 to 249)	51,700,453			31,574,988
251	TAXES OTHER THAN INCOME	(Note N)				
252	Labor Related					
253	Payroll	Worksheet L, Col. D	6,775,111	W/S	0.07976	540,411
254	Plant Related		-4 0 40 4 <del>-</del> 0	05(1)	0.4=4=4	0.040.000
255	Property	Worksheet L, Col. C	51,940,176	GP(h)	0.17154	8,910,039
256	Gross Receipts/Sales & Use	Worksheet L, Col. F	23,261,131	NA OD(I)	0.00000	-
257	Other	Worksheet L, Col. E	6,063,521	GP(h)	0.17154	1,040,162
258	TOTAL OTHER TAXES	(sum Ins 253 to 257)	88,039,939			10,490,612
259	INCOME TAXES	(Note O)				
260	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		37.92%			
261	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =		40.91%			
262	where WCLTD=(In 298) and WACC = (In 301)					
263	and FIT, SIT & p are as given in Note O.					
264	GRCF=1 / (1 - T) = (from ln 260)		1.6108			
265	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, ln 19.c)	(1,351,985)			
266	Income Tax Calculation	(ln 261 * ln 269)	130,596,093			22,301,451
267	ITC adjustment	(ln 264 * ln 265)	(2,177,792)	NP(h)	0.17952	(390,955)
268	TOTAL INCOME TAXES	(sum Ins 266 to 267)	128,418,300	( )		21,910,495
269	RETURN ON RATE BASE (Rate Base*WACC)	(ln 226 * ln 301)	319,224,663			54,512,911
270	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note E) (Worksheet E, In 2	)	1,622,024	DA	1.00000	1,622,024
271	REVENUE REQUIREMENT BEFORE TEXAS GROSS MARGIN TAX		689,199,241			145,168,521
272	(sum Ins 244, 250, 258, 268, 269, 270)		000,100,271			1 70, 100,021

1,957,207

691,156,448

DA

412,254

145,580,775

TEXAS GROSS MARGIN TAX (Note P) (Worksheet K)

REVENUE REQUIREMENT INCLUDING GROSS MARGIN TAX

273

274

#### SOUTHWESTERN ELECTRIC POWER COMPANY

#### SUPPORTING CALCULATIONS

No.   TRANSMISSION PLANT INCLUDED IN SPP TARIFF   (In 169)   (In	ln								
Total transmission plant excluded from SPP Tariff (Worksheet A, In 23a Col. (C)) (Note Q)   Less transmission plant included in OATT Ancillary Services (Worksheet A, In 23, Col. (C)) (Note Q)   Less transmission plant included in OATT Ancillary Services (Worksheet A, In 275)   Percent of transmission plant included in SPP Tariff (In 278 / In 275)   WAGES & SALARY ALLOCATOR (W/S) (Note S) (Note	No.	TRANSMISSION PLANT INCLUDED IN SPP TARIFF							
Less transmission plant included in OATT Ancillary Services (Worksheet A, In 23a Col. (C)) (Note R)  Transmission plant included in OATT Ancillary Services (Worksheet A, In 276 - In 277)  Percent of transmission plant included in SPP Tariff  (In 278 / In 275)  WAGES & SALARY ALLOCATOR (W/S)  Production  354.20.b  WAGES & SALARY ALLOCATOR (W/S)  WAGES & SALARY ALLOCATOR (W/S)  Production  354.21.b  Direct Payroll  ALP Service Corp.  AEP Se		Total transmission plant	(In 169)						1,387,776,696
Less transmission plant included in CATT Ancillary Services (Worksheet A, In 23, Col. (C)) (Note R)   Transmission plant included in SPP Tariff   (In 275 - In 276 - In 277)			,						41,354,526
Percent of transmission plant in SPP Tariff	277								36,566,386
Note S   Direct Payroll   Payroll Billed from AEP Service Corp.   Total   Signature   Payroll Billed from AEP Service Corp.   Payroll Signature   Payroll Si	278								1,309,855,784
WAGES & SALARY ALLOCATOR (W/S)   Note S   Direct Payroll   AEP Service Corp.   Total Production   354.20.b   41,842,715   13,325,443   55,168,158   NA 282   Transmission   354.21.b   33.07,774   5,751.094   9,258,688   TP 283   Regional Market Expenses   354.22.b   0   0   0   0   NA 282   NA 285   Other (Excludes A&G)   354.23.b   28,508,313   1,585,672   30,093,955   NA 285   Other (Excludes A&G)   354.23.b   354.23.b   33.45,335   6,694,217   15,039,552   NA 285   Total   String of the Carrollar of the Car	279	Percent of transmission plant in SPP Tariff	(In 278 / In 275)					TP=	0.94385
Production   354, 20,b   41,842,715   13,325,443   55,188,158   NA   282   Transmission   354,21,b   354,21,b   3,507,774   5,751,094   9,258,868   TP   NA   284   Distribution   354,22,b   28,508,313   1,585,672   30,093,955   NA   284   Distribution   354,22,b   28,508,313   1,585,672   30,093,955   NA   286   Total   (sum ins 281 to 285)   82,204,137   27,356,426   109,560,563   NA   287   Transmission related amount					Payroll Billed from				
Transmission   Sab. 21.b   Sab. 27.774   Sab. 751.094   9,258,868   TP	280	WAGES & SALARY ALLOCATOR (W/S)	(Note S)	Direct Payroll	AEP Service Corp.	Total			
Regional Market Expenses   354.22.b   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	281	Production	354.20.b	41,842,715	13,325,443	55,168,158	NA 0.00000	)	-
Distribution   354, 23.b   28,508,313   1,585,672   30,093,985   NA   354,24,25,26.b   8,345,335   6,694,217   15,039,552   NA   15,039,		Transmission		3,507,774	5,751,094	9,258,868	TP 0.94385	5	8,739,001
285   Other (Excludes A&G)   354.24,25,26.b   8,345,335   6,694,217   15,039,552   NA		· ·		0	0	-			-
Total   (sum Ins 281 to 285)   82,204,137   27,356,426   109,560,563									-
Transmission related amount  WEIGHTED AVERAGE COST OF CAPITAL (WACC)  Best of the property of		·	• • •				NA 0.00000		-
Long Term Interest (Worksheet M, In. 22, col. (D))   Preferred Stock Dividends (Worksheet M, In. 23, col. (D))   Preferred Stock Dividends (Worksheet M, In. 23, col. (D))   Preferred Stock Dividends (Worksheet M, In. 23, col. (D))   Proprietary Capital (112.16.c)   Less Preferred Stock (In 299)   Less Account 216.1 (112.12.c)   Less Account 219.1 (112.15.c)   Common Stock (In 292 - In 293 - In 294 - In 295)   Some Term Debt (Worksheet M, In. 22, col. (B))   Preferred Stock (Worksheet M, In. 23, col. (B))   Preferred Stock (Worksheet M, In. 23, col. (B))   Common Stock (In 296) (Note U)   Capital Structure Percentages Actual Cap Limit Cap Limit Cap Common Stock (In 296) (Note U)   Capital Structure Percentages Actual Cap Limit Cap Common Stock (In 296) (Note U)   Capital Structure Percentages Actual Cap Limit Cap Common Stock (In 296) (Note U)   Capital Structure Percentages Actual Cap Limit Cap Common Stock (In 296) (Note U)   Capital Structure Percentages Actual Cap Limit Cap Common Stock (In 296) (Note U)   Capital Structure Percentages Actual Cap Limit Cap Common Stock (In 296) (Note U)   Capital Structure Percentages Actual Cap Limit Cap Common Stock (In 296) (Note U)   Capital Structure Percentages Actual Cap Limit Cap Common Stock (In 296) (Note U)   Capital Structure Percentages Actual Cap Limit Cap Cap Common Stock (In 296) (Note U)   Capital Structure Percentages Actual Cap Limit Cap Cap Common Stock (In 296) (Note U)   Capital Structure Percentages Actual Cap	286	Total	(sum Ins 281 to 285)	82,204,137	27,356,426	109,560,563			8,739,001
Long Term Interest (Worksheet M, In. 22, col. (D))   Preferred Stock Dividends (Worksheet M, In. 23, col. (D))   Preferred Stock Dividends (Worksheet M, In. 23, col. (D))   Preferred Stock Dividends (Worksheet M, In. 23, col. (D))   Preferred Stock Dividends (Worksheet M, In. 23, col. (D))   Preferred Stock (In 293 tess Preferred Stock (In 299) tess Account 216.1 (112.12.c)   Less Account 216.1 (112.12.c) tess Account 219.1 (112.15.c)   Common Stock (In 292 - In 293 - In 294 - In 295)   Capital Structure Percentages	287	Transmission related amount					,	W/S=	0.07976
Long Term Interest (Worksheet M, In. 22, col. (D))   Preferred Stock Dividends (Worksheet M, In. 23, col. (D))   Preferred Stock Dividends (Worksheet M, In. 23, col. (D))   Preferred Stock Dividends (Worksheet M, In. 23, col. (D))   Preferred Stock Dividends (Worksheet M, In. 23, col. (D))   Preferred Stock (In 293 tess Preferred Stock (In 299) tess Account 216.1 (112.12.c)   Less Account 216.1 (112.12.c) tess Account 219.1 (112.15.c)   Common Stock (In 292 - In 293 - In 294 - In 295)   Capital Structure Percentages	288	WEIGHTED AVERAGE COST OF CAPITAL (WACC)							\$
Preferred Stock Dividends (Worksheet M, In. 23, col. (D))  Proprietary Capital (112.16.c)  Less Preferred Stock (In 299)  Less Account 216.1 (112.12.c)  Less Account 219.1 (112.15.c)  Common Stock (In 292 - In 293 - In 294 - In 295)  Long Term Debt (Worksheet M, In. 22, col. (B))  Preferred Stock (In 292 - In 293 - In 294 - In 295)  Long Term Debt (Worksheet M, In. 22, col. (B))  Preferred Stock (Worksheet M, In. 23, col. (B))  Total (sum Ins 298 to 300)  Preferred Stock Dividends (Worksheet M, In. 23, col. (D))  Proprietary Capital (112.16.c)  Less Account 219.1 (112.15.c)  Common Stock (In 292 - In 293 - In 294 - In 295)  Saccount 219.1 (112.15.c)  Common Stock (In 292 - In 293 - In 294 - In 295)  Actual Cap Limit  2,210,200,000  50.68% 0.00%  2,150,942,582  49.32% 0.00%  1 Total (sum Ins 298 to 300)		,	Long Term Interest (Works	heet M, In. 22, col. (D))					118,777,528
Development of Common Stock:   292			•		ol. (D))				, , -
Proprietary Capital (112.16.c)   Less Preferred Stock (In 299)   Less Account 216.1 (112.12.c)   Less Account 219.1 (112.15.c)   Less Account 219.1 (112.15.c)   Common Stock (In 292 - In 293 - In 294 - In 295)   Sample		Development of Common Stock:		, , ,	<i>、</i>				
Less Preferred Stock (In 299)	292	·	Proprietary Capital (112.16	.c)					2,169,212,700
Less Account 219.1 (112.15.c)   Common Stock (In 292 - In 293 - In 294 - In 295)   Capital Structure Percentages	293								-
Common Stock (In 292 - In 293 - In 294 - In 295)   Capital Structure Percentages	294		Less Account 216.1 (112.1	2.c)					27,601,852
Capital Structure Percentages   Sample   Cap Limit	295		Less Account 219.1 (112.1	5.c)					(9,331,734)
297       \$       Actual       Cap Limit         298       Long Term Debt (Worksheet M, In. 22, col. (B))       2,210,200,000       50.68%       0.00%         299       Preferred Stock (Worksheet M, In. 23, col. (B))       -       0.00%       0.00%         300       Common Stock (In 296) (Note U)       2,150,942,582       49.32%       0.00%         301       Total (sum Ins 298 to 300)       4,361,142,582	296		Common Stock (In 292 - In	293 - In 294 - In 295)					2,150,942,582
298       Long Term Debt (Worksheet M, In. 22, col. (B))       2,210,200,000       50.68%       0.00%         299       Preferred Stock (Worksheet M, In. 23, col. (B))       -       0.00%       0.00%         300       Common Stock (In 296) (Note U)       2,150,942,582       49.32%       0.00%         301       Total (sum Ins 298 to 300)       4,361,142,582					Capital Structure F	Percentages	Cost		
299 Preferred Stock (Worksheet M, In. 23, col. (B)) 300 Common Stock (In 296) (Note U) 301 Total (sum Ins 298 to 300)  - 0.00% 2,150,942,582 49.32% 0.00% 4,361,142,582	297				Actual	Cap Limit	(Note T)	<u></u>	Weighted
300 Common Stock (In 296) (Note U) 2,150,942,582 49.32% 0.00% 301 Total (sum Ins 298 to 300) 4,361,142,582	298	Long Term Debt (Worksheet M, In. 22, col. (B))	2,210,200,000		50.68%	0.00%	0.0537	_	0.0272
301 Total (sum lns 298 to 300) 4,361,142,582			-				<u>-</u>		0.0000
	300	Common Stock (In 296) (Note U)			49.32%	0.00%	11.2%		0.0552
302 Capital Structure Equity Limit (Note U) 52.5%	301	Total (sum lns 298 to 300)	4,361,142,582				WA	ACC=	0.0825
	302	Capital Structure Equity Limit (Note U)	52.5%						

SOUTHWESTERN ELECTRIC POWER COMPANY

<u>Letter</u> <u>Notes</u>

General Notes: a) References to data from FERC Form 1 are indicated as: page#.line#.col.#

- b) If transmission owner ("TO") functionalizes its costs to transmission on its books, those costs are shown above and on any supporting workpapers rather than using the allocations above.
- A The revenue credits shall include a) amounts received directly from the SPP for PTP transmission services, b) direct assignment charges for transmission facilities, the cost of which has been included in the TCOS, and c) amounts from customers taking service under grandfathered agreements, where the demand is not included in the rate divisor. Revenues associated with FERC annual charges, gross receipts taxes, ancillarly services or facilities excluded from the TCOS are not included as revenue credits. Revenue from Transmission Customers whose coincident peak loads are included in the DIVISOR of the load-ratio share calculation are not included as revenue credits. See Worksheet A for details.
- B The annual and monthly net plant carrying charges on page 1 are used to compute the revenue requirement for facilities and any upgrades.
- This additional revenue requirement is determined using a net plant carrying charge (fixed carrying charge or FCR) approach. Worksheet G shows the calculation of the projected revenue requirement for each project, based on an FCR rate caclulated from inputs on this TCOS. Line 166 shows the incremental ARR for projects receiving incentives as accepted by FERC. These individual additional revenue requirements are summed for the true-up year, and included here.
- D The gross plant, accumulated depreciation, and deferred tax balances included in rate base are reduced by the removal of balances related to Asset Retirement Obligations (AROs). This is to comply with the requirements of FERC Rulemaking RM02-7-000.
- The total-company balances shown for Accounts 281, 282, 283, 190 only reflect ADIT that relates to utility operations.

  The balance of Account 255 is reduced by prior flow throughs and is completely excluded if the utility chose to utilize amortization of tax credits against FIT expense as discussed in Note N. An exception to this is pre-1971 ITC balances, which are required to be taken as an offset to rate base. Account 281 is not allocated. Transmission allocations are shown on Worksheet B.
- F Identified as being transmission related or functionally booked to transmission.
- G Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission on line 231.
- Consistent with Paragraph 657 of Order 2003-A, the amount on line is equal to the balance of IPP System Upgrade Credits owed to transmission customers that made contributions toward the construction of System upgrades, and includes accrued interest and unreturned balance of contributions. The annual interest expense is included on line 270.
- I Removes the expense booked to transmission accounts included in the development of OATT ancillary services rates, including all of Account No. 561.
- J Removes cost of transmission service provided by others to the extent such service is not incurred to provide the SPP service at issue.
- K General Plant and Administrative & General expenses may be functionalized based on allocators other then the W/S allocator. Full documentation must be provided.
- Expense reported for these A&G accounts will be included in the cost of service only to the extent they are directly assignable to transmission service. Worksheet D allocates these expense items. Acct 928 Includes Regulatory Commission expenses itemized in FERC Form-1 at page 351, column H. FERC Assessment Fees and Annual Charges shall not be allocated to transmission. Only safety-related and educational advertising costs in Account 930.1 are included in the TCOS. Account 930.2 includes the expenses incurred by the transmission function for Associated Business Development revenues given as a credit to the TCOS on Worksheet E.
- M
  This line complies with FERC requirement that Other Post Employment Benefits remain constant from an initial test year. Changes in this base amount can only occur via approval of a 205 filing.
- N
  Includes only FICA, unemployment, property and other assessments charged in the current year. Gross Receipts tax, Sales & Use taxes, and taxes related to income are excluded.
- The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p =
  "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a
  work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that
  elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce
  rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f)

(ln 260) multiplied by (1/1-T) . If the applicable tax rates are zero enter 0. Inputs Required:

FIT = 35.00%

SIT= 4.49% (State Income Tax Rate or Composite SIT. Worksheet K)

p = 0.00% (percent of federal income tax deductible for state purposes)

- P Effective January 1, 2007, Texas instituted a gross margin tax. This tax is calculated on the Texas allocated revenue of the Company, reduced by 30% to derive a "Gross Margin" for the Company. The tax rate of one percent is assessed on the resulting amount. The jurisdictional allocator is based on transmission demand allocators.
- Q Removes plant excluded from the OATT because it does not meet the SPP's definition of Transmission Facilities or is otherwise ineligible to be recovered under the OATT.
- Removes transmission plant (e.g. step-up transformers) included in the development of OATT ancillary service rates and not already removed for reasons indicated in Note Q.
- S Includes functional wages & salaries incurred by parent company service corporation for support of the operating company.
- Long Term Debt cost rate = long-term interest (ln 289) / long term debt (ln 298). Preferred Stock cost rate = preferred dividends (ln 290) / preferred outstanding (ln 299). Common Stock cost rate (ROE) = 11.2%, the rate accepted by FERC in Docket No. ER07-XXX. It includes an additional 50 basis points for remaining a member of the SPP RTO.
- U Per Settlement, equity is limited to 52.5% of PSO's Capital Structure. If the percentage of equity exceeds the cap, the excess is included in long term debt in the cap structure. This value cannot change prior to 2/1/11. After this date it can only be changed via an approved 205 or 206 filing.

#### SOUTHWESTERN ELECTRIC POWER COMPANY

Line No. 1	REVENUE REQUIREMENT (w/o incentives)	(In 107)	Total	Alloc	ator	 ransmission Amount \$142,642,474
2	REVENUE CREDITS	(Note A)				
3	Transmission Credits	(Worksheet H)	9,106,191	DA	1.00000	\$ 9,106,191
4	Assoc. Business Development	(Worksheet H)	240,824	DA	1.00000	\$ 240,824
5	Total Revenue Credits		9,347,015			\$ 9,347,015
6	REVENUE REQUIREMENT For All Company Facilities	(In 1 less In 2)				\$133,295,459
MEMO:	The Carrying Charge Calculations on lines 9 to 14 below requirements for	v is used in calculating project revenue require or these projects shown on line 7 is included in		incentive revenue		
7			55,504,307	DA	1.00000	\$ 55,504,307
	Trued-Up Revenue Requirement for SPP BPU Regional F	acilities (w/o incentives) (Worksheet G)				
8	NET PLANT CARRYING CHARGE (w/o incentives) (Note	e B)				
9	Annual Rate	(In 1/ In 39 x 100)				16.68%
10	Monthly Rate	(In 9 / 12)				1.39%
11	NET PLANT CARRYING CHARGE ON LINE 9, W/O DEF	PRECIATION (w/o incentives) (Note B)				
12	Annual Rate	( (ln 1 - ln 83) / ln 39 x 100)				13.18%
13	NET PLANT CARRYING CHARGE ON LINE 11, W/O INC	COME TAXES. RETURN (Note B)				
14	Annual Rate	( (ln 1 - ln 83 - ln 104 - ln 105) / ln 39 x 100)				4.55%
15	ADDITIONAL REVENUE REQUIREMENT for projects w/	ncentive ROE's (Note C) (Worksheet G)				-

#### SOUTHWESTERN ELECTRIC POWER COMPANY

$(4) \qquad (2)$	
(1)   (3)	(5)

		Data Sources				Total
Line	RATE BASE CALCULATION	(See "General Notes")	<u><b>TO Total</b></u> NOTE D	Alloc	<u>ator</u>	<u>Transmission</u>
No.	GROSS PLANT IN SERVICE		<u></u>			
16	Production	(Worksheet A In 1.E)	4,115,150,903	NA	0.00000	-
17	Less: Production ARO (Enter Negative)	(Worksheet A In 2.E)	(46,100,069)	NA	0.00000	_
18	Transmission	(Worksheet A In 3.E & Ln 114)	1,344,277,173	DA	0.0000	1,266,514,703
19	Less: Transmission ARO (Enter Negative)	(Worksheet A In 4.E)	1,044,277,170	TP	0.94215	1,200,314,703
20	Distribution	(Worksheet A In 5.E)	1,924,462,100	NA	0.00000	_
		,	1,924,402,100			-
21	Less: Distribution ARO (Enter Negative)	(Worksheet A In 6.E)	224 402 224	NA W/C	0.00000	- 25 572 502
22	General Plant	(Worksheet A In 7.E)	321,192,334	W/S	0.07962	25,573,503
23	Less: General Plant ARO (Enter Negative)	(Worksheet A In 8.E)	(698,880)	W/S	0.07962	(55,645)
24	Intangible Plant	(Worksheet A In 9.E)	49,694,644	W/S	0.07962	3,956,714
25	TOTAL GROSS PLANT	(sum Ins 16 to 24)	7,707,978,205	GP(TU)= GTD=	0.16814 0.41125	1,295,989,275
26	ACCUMULATED DEPRECIATION AND AMORTIZATION					
27	Production	(Worksheet A In 12.E)	1,411,130,829	NA	0.00000	-
28	Less: Production ARO (Enter Negative)	(Worksheet A In 13.E)	(4,859,346)	NA	0.00000	-
29	Transmission	(Worksheet A In 14.E & 28.E)	446,488,163	TP1=	0.92084	411,143,656
30	Less: Transmission ARO (Enter Negative)	(Worksheet A In 15.E)	-	TP1=	0.92084	-
31	Distribution	(Worksheet A In 16.E)	685,582,745	NA	0.00000	-
32	Less: Distribution ARO (Enter Negative)	(Worksheet A In 17.E)	-	NA	0.00000	_
33	General Plant	(Worksheet A In 18.E)	186,375,545	W/S	0.07962	14,839,319
34	Less: General Plant ARO (Enter Negative)	(Worksheet A In 19.E)	(396,452)	W/S	0.07962	(31,566)
35	Intangible Plant	(Worksheet A In 20.E)	33,122,884	W/S	0.07962	2,637,261
36	TOTAL ACCUMULATED DEPRECIATION	(sum Ins 27 to 35)	2,757,444,368	W/O	0.07 302	428,588,671
27	NET PLANT IN SERVICE					
37		/ln 4C + ln 47  n 97  n 99)	0.000.770.054			
38	Production	(ln 16 + ln 17 - ln 27 - ln 28)	2,662,779,351			055 074 047
39	Transmission	(ln 18 + ln 19 - ln 29 - ln 30)	897,789,010			855,371,047
40	Distribution	(ln 20 + ln 21 - ln 31 - ln 32)	1,238,879,355			-
41	General Plant	(ln 22 + ln 23 - ln 33 - ln 34)	134,514,361			10,710,104
42	Intangible Plant	(In 24 - In 35)	16,571,760			1,319,452
43	TOTAL NET PLANT IN SERVICE	(sum Ins 38 to 42)	4,950,533,837	NP(TU)=	0.17521	867,400,604
44	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note E)				
45	Account No. 281.1 (enter negative)	272-273.8.k	-	NA		-
46	Account No. 282.1 (enter negative)	(Worksheet C, In 7.C & In 9.J)	(1,164,556,109)	DA		(194,925,344)
47	Account No. 283.1 (enter negative)	(Worksheet C, In 16.C & Ln 18.J)	(46,477,938)	DA		(2,749,095)
48	Account No. 190.1	(Worksheet C, In 25.C & Ln 27.J)	125,685,166	DA		1,473,792
49	Account No. 255 (enter negative)	(Worksheet C, In 34.C & Ln 36.J)	<del></del>	DA		<u>-</u> _
50	TOTAL ADJUSTMENTS	(sum Ins 45 to 49)	(1,085,348,882)			(196,200,647)
51	PLANT HELD FOR FUTURE USE	(Worksheet A In 29.E & In 30.E)	1,471,023	DA		-
52	WORKING CAPITAL	(Note F)				
53	Cash Working Capital	(1/8 * In 68) (Note G)	2,420,488			2,280,470
54	Transmission Materials & Supplies	(Worksheet D, In 2.(F))	379,292	TP	0.94215	357,351
55	A&G Materials & Supplies	(Worksheet D, In 3.(F))	157,027	W/S	0.07962	12,503
56	Stores Expense	(Worksheet D, In 4.(F))	, -	GP(TU)	0.16814	, -
57	Prepayments (Account 165) - Labor Allocated	(Worksheet D, In 7.G)	109,705,758	W/S	0.07962	8,734,830
58	Prepayments (Account 165) - Gross Plant	(Worksheet D, In 7.F)	2,205,273	GP(TU)	0.16814	370,786
59	Prepayments (Account 165) - Transmission Only	(Worksheet D, In 7.E)		DA	1.00000	-
60	Prepayments (Account 165) - Unallocable	(Worksheet D, In 7.D)	(96,088,499)	NA	0.00000	_
61	TOTAL WORKING CAPITAL	(sum Ins 53 to 60)	18,779,338	INC	0.0000	11,755,939
ΟI	TOTAL WORKING CAPITAL	(30111 1113 33 10 00)	10,119,330			11,700,939
62	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note H) (Worksheet E, In 8.(B))	(51,667,071)	DA	1.00000	(51,667,071)
63	RATE BASE (sum Ins 43, 50, 51, 61, 62)		3,833,768,245			631,288,826

#### SOUTHWESTERN ELECTRIC POWER COMPANY

(1) (2) (3)

	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	<u>TO Total</u>	<u>All</u>	<u>ocator</u>	Total <u>Transmission</u>
Line	ODED ATION & MAINTENIANCE EVENUE					
No.	OPERATION & MAINTENANCE EXPENSE	004.440.1	00.704.000			
64	Transmission	321.112.b	96,781,200			
65	Less: Total Account 561	(Note I) 322.84-92.b	15,688,974			
66	Less: Account 565	(Note J) 322.96.b	61,728,320			
67	Less: expenses 100% assigned to TO billed customers (		<u> </u>			
68	Total O&M Allocable to Transmission	(Ins 64 - 65 - 66 - 67)	19,363,906	TP	0.94215	18,243,761
69	Administrative and General	323.197.b (Note K)	70,385,819			
70	Less: Acct. 924, Property Insurance	323.185.b	2,538,763			
71	Acct. 928, Reg. Com. Exp.	322.189.b	1,923,339			
72	Acct. 930.1, Gen. Advert. Exp.	322.191.b	269,699			
73	Acct. 930.2, Misc. Gen. Exp.	322.192.b	1,117,978			
74	Balance of A & G	(In 69 - sum In 70 to In 73)	64,536,040	W/S	0.07962	5,138,394
7 <del>-1</del> 75	Plus: Acct. 924, Property Insurance	(In 70)	2,538,763	GP(TU)	0.16814	426,858
		,	2,556,765	GP(10) TP		420,038
76	Acct. 928 - Transmission Specific	Worksheet J In 32.(E) (Note L)	-		0.94215	-
77	Acct 930.1 - Only safety related ads -Direct	Worksheet J In 46.(E) (Note L)	-	GP(TU)	0.16814	-
78	Acct 930.2 - Misc Gen. Exp Trans	Worksheet J In 49.(E) (Note L)	109,203	DA	1.00000	109,203
79	Less: PBOP Expense In Acct. 926 Adjustment	Worksheet J In 10.C (Note M)	(13,645,949)	W/S	0.07962	(1,086,498)
80	A & G Subtotal	(sum lns 74 to 78 less ln 79)	80,829,955			6,760,951
81	TOTAL O & M EXPENSE	(In 68 + In 80)	100,193,861			25,004,713
82	DEPRECIATION AND AMORTIZATION EXPENSE					
83	Transmission	336.7.f	31,768,930	TP	0.94215	29,931,191
	General	336.10.f	7,922,859	W/S	0.07962	630,822
84 95			, ,			·
85	Intangible	336.1.f	12,008,664	W/S	0.07962	956,136
86	TOTAL DEPRECIATION AND AMORTIZATION	(sum Ins 83 to 85)	51,700,453			31,518,149
87	TAXES OTHER THAN INCOME	(Note N)				
88	Labor Related	,				
89	Payroll	Worksheet L, Col. D	6,775,111	W/S	0.07962	539,438
90	Plant Related		3,3,	, 5	0.07.002	333, 133
91	Property	Worksheet L, Col. C	51,940,176	GP(TU)	0.16814	8,733,018
92	Gross Receipts/Sales & Use	Worksheet L, Col. F	23,261,131	NA	0.00000	0,733,010
93	Other	Worksheet L, Col. F Worksheet L, Col. E	6,063,521	GP(TU)	0.16814	1,019,497
		•		GP(10)	0.10014	
94	TOTAL OTHER TAXES	(sum Ins 89 to 93)	88,039,939			10,291,952
95	INCOME TAXES	(Note O)				
96	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		37.92%			
97	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =		40.80%			
98	where WCLTD=(In 134) and WACC = (In 137)		10.0070			
99	and FIT, SIT & p are as given in Note O.					
100	GRCF=1 / (1 - T) = (from In 96)		1.6108			
100		(FF1 p.114, ln 19.c)				
101	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, III 19.0)	(1,351,985)			
102	Income Tax Calculation	(In 97 * In 105)	130,535,061			21,494,603
103	ITC adjustment	(ln 100 * ln 101)	(2,177,792)	NP(TU)	0.17521	(381,579)
104	TOTAL INCOME TAXES	(sum Ins 102 to 103)	128,357,269	, ,		21,113,024
105	RETURN ON RATE BASE (Rate Base*WACC)	(In 63 * In 137)	319,974,274			52,688,679
106	INTEREST ON IPP CONTRIBUTION FOR CONST. (Not	te E) (Worksheet E, In 2)	1,622,024	DA	1.00000	1,622,024
107	REVENUE REQUIREMENT BEFORE TEXAS GROSS N	MARGIN TAX	689,887,819			142,238,541
108	(sum Ins 81, 86, 94, 104, 105, 106)					
109	TEXAS GROSS MARGIN TAX (Note P) (Worksheet K)		1,959,163	DA		403,933
110	REVENUE REQUIREMENT INCLUDING GROSS MARC	GIN TAX	691,846,982			142,642,474

#### SOUTHWESTERN ELECTRIC POWER COMPANY

#### **SUPPORTING CALCULATIONS**

ln									
No.	TRANSMISSION PLANT INCLUDED IN SPP TARIFF								
111	Total transmission plant	(In 18)							1,344,277,173
112	Less transmission plant excluded from SPP Tariff (Wo	orksheet A, In 23a Col. (E)) (Note Q)							41,270,184
113	Less transmission plant included in OATT Ancillary Ser	rvices (Worksheet A, In 23, Col. (E)) (N	ote R)						36,492,286
114	Transmission plant included in SPP Tariff	(ln 111 - ln 112 - ln 113)							1,266,514,703
115	Percent of transmission plant in SPP Tariff	(In 114 / In 111)						TP=	0.94215
					Payroll Billed from				
116	WAGES & SALARY ALLOCATOR (W/S)	(Note S)		Direct Payroll	AEP Service Corp.	Total			
117	Production	354.20.b		41,842,715	13,325,443	55,168,158	NA	0.0000	-
118	Transmission	354.21.b		3,507,774	5,751,094	9,258,868	TP	0.94215	8,723,270
119	Regional Market Expenses	354.22.b		0	0	-	NA	0.0000	-
120	Distribution	354.23.b		28,508,313	1,585,672	30,093,985	NA	0.0000	-
121	Other (Excludes A&G)		0	8,345,335	6,694,217	15,039,552	NA	0.00000	-
122	Total	(sum Ins 117 to 121)		82,204,137	27,356,426	109,560,563			8,723,270
123	Transmission related amount							W/S=	0.07962
124	WEIGHTED AVERAGE COST OF CAPITAL (WACC)								\$
124 125	WEIGHTED AVERAGE COST OF CAPITAL (WACC) Long Term Interest	Long Term Interest (Worksheet N.	In. 19. c	ol. (E))					\$ 117.829.681
125	Long Term Interest	Long Term Interest (Worksheet N, Preferred Stock Dividends (Worksl							\$ 117,829,681 -
125 126	Long Term Interest Preferred Dividends	Long Term Interest (Worksheet N, Preferred Stock Dividends (Worksl							-
125 126 127	Long Term Interest Preferred Dividends <u>Development of Common Stock:</u>	Preferred Stock Dividends (Worksl							- Average
125 126 127 128	Long Term Interest Preferred Dividends <u>Development of Common Stock:</u> Proprietary Capital	Preferred Stock Dividends (Worksl (Worksheet N, In. 1, col. (E))							-
125 126 127 128 129	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135)	Preferred Stock Dividends (Worksl (Worksheet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E))							Average 2,132,999,583
125 126 127 128	Long Term Interest Preferred Dividends <u>Development of Common Stock:</u> Proprietary Capital	Preferred Stock Dividends (Worksl (Worksheet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E))							- Average 2,132,999,583 - 25,668,744
125 126 127 128 129 130	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1	Preferred Stock Dividends (Worksleet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E)) (Worksheet N, In. 4, col. (E))							Average 2,132,999,583 - 25,668,744 (8,399,879)
125 126 127 128 129 130 131	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1 Less Account 219	Preferred Stock Dividends (Worksl (Worksheet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E))			Capital Structure I	Percentages		Cost	- Average 2,132,999,583 - 25,668,744
125 126 127 128 129 130 131	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1 Less Account 219	Preferred Stock Dividends (Worksleet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E)) (Worksheet N, In. 4, col. (E)) (In 128 - In 129 - In 130 - In 131)			<b>Capital Structure I</b> Actual	<u>Percentages</u> Cap Limit		Cost (Note S)	Average 2,132,999,583 - 25,668,744 (8,399,879) 2,115,730,718
125 126 127 128 129 130 131	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1 Less Account 219	Preferred Stock Dividends (Worksleet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E)) (Worksheet N, In. 4, col. (E)) (In 128 - In 129 - In 130 - In 131)  2015 Avg Balances	heet N, I				-		Average 2,132,999,583 - 25,668,744 (8,399,879)
125 126 127 128 129 130 131 132	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1 Less Account 219 Common Stock	Preferred Stock Dividends (Worksleet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E)) (Worksheet N, In. 4, col. (E)) (In 128 - In 129 - In 130 - In 131)	heet N, I		Actual	Cap Limit	-	(Note S)	Average 2,132,999,583 - 25,668,744 (8,399,879) 2,115,730,718 Weighted
125 126 127 128 129 130 131 132	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1 Less Account 219 Common Stock  Avg Long Term Debt (Worksheet N, In. 10, col. (E))	Preferred Stock Dividends (Worksleet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E)) (Worksheet N, In. 4, col. (E)) (In 128 - In 129 - In 130 - In 131)  2015 Avg Balances	neet N, I		Actual 50.23%	Cap Limit 0.00%	-	(Note S) 5.52%	Average 2,132,999,583 - 25,668,744 (8,399,879) 2,115,730,718 Weighted 0.0277
125 126 127 128 129 130 131 132 133 134 135	Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 135) Less Account 216.1 Less Account 219 Common Stock  Avg Long Term Debt (Worksheet N, In. 10, col. (E)) Avg Preferred Stock (Worksheet N, In. 46, col. (E))	(Worksheet N, In. 1, col. (E)) (Worksheet N, In. 2, col. (E)) (Worksheet N, In. 3, col. (E)) (Worksheet N, In. 4, col. (E)) (In 128 - In 129 - In 130 - In 131)  2015 Avg Balances 2,135,200,0	000 - 18		Actual 50.23% 0.00%	Cap Limit 0.00% 0.00%	-	(Note S) 5.52% 0.00%	Average 2,132,999,583 - 25,668,744 (8,399,879) 2,115,730,718 Weighted 0.0277 0.0000

SOUTHWESTERN ELECTRIC POWER COMPANY

<u>Letter</u> <u>Notes</u>

General Notes: a) References to data from FERC Form 1 are indicated as: page#.line#.col.#
b) If transmission owner ("TO") functionalizes its costs to transmission on its books, those costs are shown above and on any supporting workpapers rather than using the allocations above.

- The revenue credits shall include a) amounts received directly from the SPP for PTP transmission services, b) direct assignment charges for transmission facilities, the cost of which has been included in the TCOS, and c) amounts from customers taking service under grandfathered agreements, where the demand is not included in the rate divisor. Revenues associated with FERC annual charges, gross receipts taxes, ancillarly services or facilities excluded from the TCOS are not included as revenue credits. Revenue from Transmission Customers whose coincident peak loads are included in the DIVISOR of the load-ratio share calculation are not included as revenue credits. See Worksheet A for details.
- B The annual and monthly net plant carrying charges on page 1 are used to compute the revenue requirement for facilities and any upgrades.
- This additional revenue requirement is determined using a net plant carrying charge (fixed carrying charge or FCR) approach. Worksheet G shows the calculation of the trued-up revenue requirement for each project, based on an FCR rate caclulated from inputs on this TCOS. Line 15 shows the incremental ARR for projects receiving incentives as accepted by FERC. These individual additional revenue requirements are summed for the true-up year, and included here.
- D The gross plant, accumulated depreciation, and deferred tax balances included in rate base are reduced by the removal of balances related to Asset Retirement Obligations (AROs). This is to comply with the requirements of FERC Rulemaking RM02-7-000.
- The total-company balances shown for Accounts 281, 282, 283, 190 only reflect ADIT that relates to utility operations. The balance of Account 255 is reduced by prior flow throughs and is completely excluded if the utility chose to utilize amortization of tax credits against FIT expense as discussed in Note N. An exception to this is pre-1971 ITC balances, which are required to be taken as an offset to rate base. Account 281 is not allocated. Transmission allocations are shown on Worksheet C.
- F Identified as being transmission related or functionally booked to transmission.

Ν

- G Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission on line 68.
- Consistent with Paragraph 657 of Order 2003-A, the amount on line is equal to the balance of IPP System Upgrade Credits owed to transmission customers that made contributions toward the construction of System upgrades, and includes accrued interest and unreturned balance of contributions. The annual interest expense is included on line 106.
- I Removes the expense booked to transmission accounts included in the development of OATT ancillary services rates, including all of Account No. 561.
- J Removes cost of transmission service provided by others to the extent such service is not incurred to provide the SPP service at issue.
- K General Plant and Administrative & General expenses may be functionalized based on allocators other then the W/S allocator. Full documentation must be provided.
- Expense reported for these A&G accounts will be included in the cost of service only to the extent they are directly assignable to transmission service. Worksheet D allocates these expense items. Acct 928 Includes Regulatory Commission expenses itemized in FERC Form-1 at page 351, column H. FERC Assessment Fees and Annual Charges shall not be allocated to transmission. Only safety-related and educational advertising costs in Account 930.1 are included in the TCOS. Account 930.2 includes the expenses incurred by the transmission function for Associated Business Development revenues given as a credit to the TCOS on Worksheet E.
- M
  This line complies with FERC requirement that Other Post Employment Benefits remain constant from an initial test year. Changes in this base amount can only occur via approval of a 205 filing.
  - Includes only FICA, unemployment, property and other assessments charged in the current year. Gross Receipts tax, Sales & Use taxes, and taxes related to income are excluded.
- The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p =
  "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a
  work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that
  elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce
  rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f)
  (In 96) multiplied by (1/1-T). If the applicable tax rates are zero enter 0.

p =

Inputs Required:

FIT = 35.00%

SIT= 4.49% (State Income Tax Rate or Composite SIT. Worksheet K)

Effective January 1, 2007, Texas instituted a gross margin tax. This tax is calculated on the Texas allocated revenue of the Company, reduced by 30% to derive a

0.00% (percent of federal income tax deductible for state purposes)

- "Gross Margin" for the Company. The tax rate of one percent is assessed on the resulting amount. The jurisdictional allocator is based on transmission demand allocators.
- Q Removes plant excluded from the OATT because it does not meet the SPP's definition of Transmission Facilities or is otherwise ineligible to be recovered under the OATT.
- Removes transmission plant (e.g. step-up transformers) included in the development of OATT ancillary service rates and not already removed for reasons indicated in Note Q.
- S Includes functional wages & salaries incurred by parent company service corporation for support of the operating company.
- Long Term Debt cost rate = long-term interest (ln 125) / long term debt (ln 134). Preferred Stock cost rate = preferred dividends (ln 126) / preferred outstanding (ln 135). Common Stock cost rate (ROE) = 11.2%, the rate accepted by FERC in Docket No. ER07-XXX. It includes an additional 50 basis points for remaining a member of the SPP RTO.
- Per Settlement, equity is limited to 52.5% of PSO's Capital Structure. If the percentage of equity exceeds the cap, the excess is included in long term debt in the cap structure. This value cannot change prior to 2/1/11. After this date it can only be changed via an approved 205 or 206 filing.

# AEP West SPP Member Companies 2016 Cost of Service Formula Rate Worksheet A - Detail Plant Balances SOUTHWESTERN ELECTRIC POWER COMPANY

<u>Line</u>	(A)	(B)	(C) Balances @	(D) Balances	(E) Average Balance for
<u>Number</u>	Rate Base Item & Supporting Balance	Source of Data	12/31/2015	<u>12/31/2014</u>	2015
NOTE: Func	tional ARO investment and accumulated depreciation	balances shown below are included in the total funct	tional balances shown h	ere.	
Plant Investn	nent Blalances				
1	Production Plant In Service	FF1, page 205 Col.(g) & pg. 204 Col. (b), ln 46	4,158,567,302	4,071,734,504	4,115,150,903
2	Production Asset Retirement Obligation (ARO)	FF1, page 205 & 204, Col.(g)&(b), Ins 15,24,34,44	61,153,921	31,046,217	46,100,069
3	Transmission Plant In Service	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 58	1,387,776,696	1,300,777,651	1,344,277,173
4	Transmission Asset Retirement Obligation	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 57	-		-
5	Distribution Plant In Service	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 75	1,955,712,964	1,893,211,237	1,924,462,100
6	Distribution Asset Retirement Obligation	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 74	-	-	-
7	General Plant In Service	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 99	324,056,692	318,327,976	321,192,334
8	General Asset Retirement Obligation	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 98	713,958	683,803	698,880
9	Intangible Plant In Service	FF1, page 205 Col.(g) & pg. 204 Col. (b), ln 5	40,695,821	58,693,466	49,694,644
10	Total Property Investment Balance	(Sum of Lines: 1, 3, 5, 7, 9)	7,866,809,475	7,642,744,834	7,754,777,154
11	Total ARO Balance (included in total on line 10)	(Sum of Lines: 2, 4, 6, 8)	61,867,879	31,730,020	46,798,949
Accumulated	Depreciation & Amortization Balances				
12	Production Accumulated Depreciation	FF1, page 219, Ins 20-24, Col. (b)	1,444,419,377	1,377,842,281	1,411,130,829
13	Production ARO Accumulated Depreciation	Company Records	5,424,046	4,294,647	4,859,346
14	Transmission Accumulated Depreciation	FF1, page 219, In 25, Col. (b)	461,774,500	431,201,826	446,488,163
15	Transmission ARO Accumulated Depreciation	Company Records	-	-	-
16	Distribution Accumulated Depreciation	FF1, page 219, In 26, Col. (b)	690,329,575	680,835,915	685,582,745
17	Distribution ARO Accumulated Depreciation	Company Records	-	-	-
18	General Accumulated Depreciation	FF1, page 219, In 28, Col. (b)	190,936,107	181,814,982	186,375,545
19	General ARO Accumulated Depreciation	Company Records	411,556	381,347	396,452
20	Intangible Accumulated Amortization	FF1, page 200, In 21, Col. (b)	23,364,306	42,881,462	33,122,884
21	Total Accumulated Depreciation or Amortization	(Sum of Lines: 12, 14, 16, 18, 20)	2,810,823,865	2,714,576,466	2,762,700,166
22	Total ARO Balance (included in total on line 21)	(Sum of Lines: 13, 15, 17, 19)	5,835,602	4,675,994	5,255,798
Generation S	tep-Up Units				
23 24	GSU Investment Amount GSU Accumulated Depreciation	Company Records Company Records	36,566,386 17,597,388	36,418,186 15,411,831	36,492,286 16,504,609
25	GSU Net Balance	(Line 23 - Line 24)	18,968,998	21,006,356	19,987,677
Transmission	n Plant Excluded from SPP Tariff (see TCOS Note Q)				
23a 24a	Excluded Facilities Investment Amount Excluded Facilities Accumulated Depreciation	Company Records Company Records	41,354,526 19,932,198	41,185,842 17,747,597	41,270,184 18,839,898
25a	Excluded Facilities Net Balance	(Line 23a - Line 24a)	21,422,328	23,438,245	22,430,286
Transmission	n Accumulated Depreciation Net of GSU/Excluded Fac	ilities Accumulated Depreciation			
26	Transmission Accumulated Depreciation	(Line 14 Above)	461,774,500	431,201,826	446,488,163
27	Less: GSU & Excl Facilities Acc Dep	(Line 24 + Line 24a Above)	37,529,586	33,159,428	35,344,507
28	Subtotal of Transmission Accumulated Depreciatio	n (Line 26 - Line 27)	424,244,914	398,042,398	411,143,656
	or Future Use				
29	Plant Held For Future Use	FF1, page 214, In 47, Col. (d)	1,581,480	1,360,565	1,471,023
30	Transmission Plant Held For Future	Company Records	-	-	-

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# AEP West SPP Member Companies 2016 Cost of Service Formula Rate Projected on 2015 FF1 Balances Worksheet B - Projected Transmission Plant in Service Additions

#### SOUTHWESTERN ELECTRIC POWER COMPANY

#### I. Calculation of Composite Depreciation Rate

1	Transmission Plant @ Beginning of Historic Period (2015) (P.206, In 58,(b)):	1,300,777,651
2	Transmission Plant @ End of Historic Period (2015) (P.207, In 58,(g)):	1,387,776,696
3		2,688,554,347
4	Average Balance of Transmission Investment	1,344,277,173
5	Annual Depreciation Expense, Historic TCOS, In 246	31,768,930
6	Composite Depreciation Rate	2.36%
7	Round to 2% to Reflect a Composite Life of 50 Years	2.00%

#### II. Calculation of Property Placed in Service by Month and the Related Depreciation Expense

8	Month in Service	Сар	italized Balance	Composite Annual Depreciation Rate	De	Annual epreciation	Mc	onthly Depreciation	No. Months Depreciation	First Year Depreciation Expense
9	January	\$	1,122,414	2.00%	\$	22,448	\$	1,871	11	\$ 20,581
10	February	\$	1,024,466	2.00%	\$	20,489	\$	1,707	10	\$ 17,070
11	March	\$	16,046,352	2.00%	\$	320,927	\$	26,744	9	\$ 240,696
12	April	\$	3,374,656	2.00%	\$	67,493	\$	5,624	8	\$ 44,992
13	May	\$	5,530,074	2.00%	\$	110,601	\$	9,217	7	\$ 64,519
14	June	\$	2,807,955	2.00%	\$	56,159	\$	4,680	6	\$ 28,080
15	July	\$	1,021,860	2.00%	\$	20,437	\$	1,703	5	\$ 8,515
16	August	\$	37,031,916	2.00%	\$	740,638	\$	61,720	4	\$ 246,880
17	September	\$	958,882	2.00%	\$	19,178	\$	1,598	3	\$ 4,794
18	October	\$	1,405,538	2.00%	\$	28,111	\$	2,343	2	\$ 4,686
19	November	\$	932,002	2.00%	\$	18,640	\$	1,553	1	\$ 1,553
20	December	\$	33,768,919	2.00%	\$	675,378	\$	56,282	0	\$ -
21	Investment	\$	105,025,030					Depr	eciation Expense	\$ 682,366

#### **III. Plant Transferred**

22	\$ -	<== This input area is for original cost plant
23	\$ -	<== This input area is for accumulated depreciation that may be associated with capital
		expenditures. It would have an impact if a company had assets transferred from a subsidiary.
24 (Ln 7 * Ln 22)	\$ -	<== This input area is for additional Depreciation Expense

# AEP West SPP Member Companies 2016 Cost of Service Formula Rate Worksheet C - ADIT Balances used in Projection & True-Up SOUTHWESTERN ELECTRIC POWER COMPANY

Line	(A)	(B)	(C)	(E)	(F) 100% Transmission	(G) PTD Plant	(H) Transmission & Distribution	(I) Labor	(J) Total Included in Ratebase
No.	Acc. No.	<u>Description</u>	YE Balance	Exclusions *	Related	Related	Plant Related	Related	(E)+(F)+(G)+(H)
1 2	282.1 282.1	Account 282 - Form-1 page 274-275, Ln 2 Col. (k)  282 Balance to Use in Projection  2015 Year End Tax Deferrals - Ws C-1  Transmission Allocator from Historic TCOS [GP or W/S]	(1,185,711,001)	(15,823,711) <u>0.0000%</u>	- 100.0000%	(1,169,899,454) 17.1544%	<u>-</u> <u>41.5068%</u>	12,164 <u>7.9764%</u>	
3	282.1	282 Balance to Use in True-Up	(4.405.744.004)	0 (45,000,744)	0	(200,689,546)	0	970	(200,688,576)
5	282.1 282.1	2015 Year End Tax Deferrals - Ws C-1 2014 Year End Tax Deferrals - Ws C-2	(1,185,711,001) (1,143,401,217)	(15,823,711) 7,638,717	-	(1,169,899,454) (1,146,724,254)	- -	12,164 (4,315,680)	
6 7 8 9		Subtotal Average Balance Transmission Allocator from True-Up TCOS [GP or W/S] Allocated Total	(2,329,112,218) (1,164,556,109)	(8,184,994) (4,092,497) <u>0.0000%</u> 0	- 0 <u>100.0000%</u> 0	(2,316,623,708) (1,158,311,854) <u>16.8136%</u> (194,754,020)	- 0 <u>41.1252%</u> 0	(4,303,516) (2,151,758) <u>7.9621%</u> (171,324)	(194,925,344)
10 11 12	283.1 283.1 283.1	Account 283 - Form-1 page 276-277, Ln 9, Col (k)  283 Balance to Use in Projection  2015 Year End Tax Deferrals - Ws C-1  Transmission Allocator from Historic TCOS [GP or W/S]  Allocated Total	(46,919,466)	(13,793,756) <u>0.0000%</u> 0	- <u>100.0000%</u> 0	(1,979,641) <u>17.1544%</u> (339,596)	<u>-</u> <u>41.5068%</u> 0	(31,146,069) 7.9764% (2,484,339)	(2,823,935)
13 14	283.1 283.1	283 Balance to Use in True-Up 2015 Year End Tax Deferrals - Ws C-1 2014 Year End Tax Deferrals - Ws C-2	(46,919,466) (46,036,411)	(13,793,756) (13,854,967)	-	(1,979,641) (1,391,524)	-	(31,146,069) (30,789,920)	
15 16 17 18		Subtotal Average Balance Transmission Allocator from True-Up TCOS [GP or W/S] Allocated Total	(92,955,877) (46,477,938)	(27,648,722) (13,824,361) <u>0.0000%</u> 0	- 0 <u>100.0000%</u> 0	(3,371,166) (1,685,583) <u>16.8136%</u> (283,407)	- 0 <u>41.1252%</u> 0	(61,935,989) (30,967,994) <u>7.9621%</u> (2,465,688)	(2,749,095)
		Account 190 - Form-1 page 234, Ln 8, Col. ( c)							
19 20 21	190.1 190.1 190.1	190 Balance to Use in Projection 2015 Year End Tax Deferrals - Ws C-1 Transmission Allocator from Historic TCOS [GP or W/S] Allocated Total	127,491,877	112,643,004 0.0000% 0	<u>-</u> <u>100.0000%</u> 0	1,810,410 <u>17.1544%</u> 310,565	<u>41.5068%</u> 0	13,038,464 7.9764% 1,040,001	1,350,567
22 23	190.1 190.1	190 Balance to Use in True-Up 2015 Year End Tax Deferrals - Ws C-1 2014 Year End Tax Deferrals - Ws C-2	127,491,877 123,878,454	112,643,004 107,838,439	- -	1,810,410 3,704,951		13,038,464 12,335,064	
24 25 26 27		Subtotal Average Balance Transmission Allocator from True-Up TCOS [GP or W/S] Allocated Total	251,370,331 125,685,166	220,481,443 110,240,722 <u>0.0000%</u> 0	- 0 <u>100.0000%</u> 0	5,515,360 2,757,680 <u>16.8136%</u> 463,666	- 0 <u>41.1252%</u> 0	25,373,528 12,686,764 <u>7.9621%</u> 1,010,127	1,473,792
00	055	Account 255 - Form-1 page 266-267  255 Balance to Use in Projection	877		<u>lr</u>	Pre 1971 ITC ncludeable in Rate Base			
28 29 30	255 255 255	Acc Defrd ITC - Federal - 12/31/2015 (FF1 p. 267, Ln 2.h)  Transmission Allocator from Historic TCOS [GP or W/S]  Allocated Total	- ////	<u>N/A</u>	<u>N/A</u>	<u>- 17.1544%</u> 0	<u>N/A</u>	<u>N/A</u>	0
31 32	255 255	255 Balance to Use in True-Up  Acc Defrd ITC - Federal - 12/31/2015 (FF1 p. 267, Ln 2.h)  Acc Defrd ITC - Federal - 12/31/2014 (FF1 p. 266, Ln 2.b)	-			-   -			
33 34 35 36		Subtotal Average Balance Transmission Allocator from True-Up TCOS [GP or W/S] Allocated Total	0	<u>N/A</u>	<u>N/A</u>	- 0 <u>16.8136%</u> 0	<u>N/A</u>	<u>N/A</u>	0

<sup>\*</sup> Exclusions: Non-utility, fuel supply, off-system sales and other items as specified related to costs not included in rates.

#### SOUTHWESTERN ELECTRIC POWER COMPANY DETAIL OF DEFERRED INCOME TAX BALANCES AS OF DECEMBER 31, 2015

				A11 41		Allocation Method		
Account	Line #	Description	Balance	Allocation Basis	Exclusions	100% Transmission PTD Plant	T&D	Labor
		•	(4.007.405.070)	DTD		(4.007.405.070)		
2821001 2821001	230A 230A	230A ACRS BENEFIT NORMALIZED 230A ACRS BENEFIT NORMALIZED - MJE	(1,007,495,272)	PTD PTD		(1,007,495,272)		
2821001	2301	230I CAPD INTEREST-SECTION 481(a)-CHANGE IN METHD	(1,271,727)	PTD		(1,271,727)		
2821001 2821001	230J 230X	230J RELOCATION CST-SECTION 481(a)-CHANGE IN METHD 230X R & D DEDUCTION - SEC 174	81,564 (14,094,730)	PTD PTD		81,564 (14,094,730)		
2821001	234Q	234Q MACRS TAX DEPRECIATION - RAIL CARS	(5,063,182)	PTD		(5,063,182)		
2821001 2821001	260A 280H	260A SPARE PARTS INVENTORY 280H BK PLANT IN SERVICE - SFAS 143 - ARO	2,799,917 (18,217,179)	PTD E	(18,217,179)	2,799,917		
2821001	295A	295A GAIN/LOSS ON ACRS/MACRS PROPERTY	(32,455,103)	PTD	(10,211,110)	(32,455,103)		
2821001 2821001	295C 320A	295C GAIN/LOSS-ACRS/MACRS-BK/TX UNIT PROP 320A ABFUDC	1,764,745 (76,174,705)	PTD PTD		1,764,745 (76,174,705)		
2821001	390A	390A CIAC - BOOK RECEIPTS	14,128,610	PTD		14,128,610		
2821001 2821001	510H 532A	510H PROPERTY TAX-NEW METHOD-BOOK 532A PERCENT REPAIR ALLOWANCE	(392,336) (15,126,740)	PTD PTD		(392,336) (15,126,740)		
2821001	532C	532C BOOK/TAX UNIT OF PROPERTY ADJ	(55,847,540)	PTD		(55,847,540)		
2821001 2821001	532D 534A	532D BK/TX UNIT OF PROPERTY ADJ-SEC 481 ADJ 534A CAPITALIZED RELOCATION COSTS	(10,659,437) (10,776,768)	PTD PTD		(10,659,437) (10,776,768)		
2821001	560K	560K LOSS-ABANDONMENT S TIE - BK	367,811	PTD		367,811		
2821001 2821001	651A 662A	651A IMPAIRED ASSETS RES-FAS 121-BK 662A WRITE-OFF RE SFAS 71	10,388,158 (11,180,579)	E PTD	10,388,158	(11,180,579)		
2821001	662B	662B SFAS 109 WRITE-OFF RE SFAS 71	(2,878,325)	PTD		(2,878,325)		
2821001 2821001	680A 710W	680A JOINT VENTURES-SYS FUEL PRJ-TX 710W BREM & HAUGH ACQUSITON ADJ-TX	(22,866) 6,218,248	E E	(22,866)			
2821001	710W 711N	711N CAPITALIZED SOFTWARE COSTS-TAX	12,164	Labor	6,218,248			12,164
2821001	7110	7110 BOOK LEASES CAPITALIZED FOR TAX	(2,198,378)	PTD		(2,198,378)		
2821001 2821001	712K 910J	712K CAPITALIZED SOFTWARE COST-BOOK 910J INTEREST EXPENSE - COAL CARS	(5,530,677) (14,179,508)	PTD E	(14,179,508)	(5,530,677)		
2821001	910K	910K REMOVAL COSTS REVISEAS 143 ARO	(55,790,895)	PTD	(40.504)	(55,790,895)		
2821001 2821001	910W 960F-XS	910W REMOVAL COSTS REV-SFAS 143-ARO 960F-XS EXCESS ADFIT 282	(10,564) (515,349)	E PTD	(10,564)	(515,349)		
2821001	380J	380J INT EXP CAPITALIZED FOR TAX	118,409,642	PTD	(45,000,744)	118,409,642		
2821001	(absolut	TOTAL ELECTRIC ACCOUNT SUBTOTAL te value Total Company Amount Ties to FF1 p.275(k) Acct 282 Electric)	(1,185,711,001) 1,185,711,001	•	(15,823,711)	0 (1,169,899,454)		0 12,164
	`	, , , , , , , , , , , , , , , , , , , ,						
2831001	014C-DSIT	014C-DSIT NOL-STATE C/F-DEF STATE TAX ASSET-L/T	(10,587,430)	E.	(10,587,430)			
2831001	575E	575E-MJE MTM BK GAIN-A/L-TAX DEFL - MJE	(5,556)	E	(5,556)			
2831001 2831001	575E 576E	575E MTM BK GAIN-A/L-TAX DEFL 576E MARK & SPREAD-DEFL-283-A/L	1,492,478 46,828	E E	1,492,478 46,828			
2831001	605B	605B ACCRUED BK PENSION EXPENSE	(31,299,477)	Labor	•			(31,299,477)
2831001 2831001	605C 630J	605C ACCRUED BK PENSION COSTS - SFAS 158 630J DEFD STORM DAMAGE	33,865,576 7	E PTD	33,865,576	7		
2831001	630M	630M RATE CASE DEFD CHGS	(2,525,585)	PTD		(2,525,585)		
2831001 2831001	632U 638A	632U BK DEFL-DEMAND SIDE MNGMT EXP 638A BOOK > TAX BASIS - EMA-A/C 283	(360,592) 4,731	PTD E	4,731	(360,592)		
2831001	660A	660A TRANSITION REGULATORY ASSETS	0	E	0			
2831001 2831001	660F 661R	660F REG ASSET-SFAS 143 - ARO 661R REG ASSET-SFAS 158 - PENSIONS	(786,601) (33,865,577)	E E	(786,601) (33,865,577)			
2831001	661S	661S REG ASSET-SFAS 158 - SERP	(248,642)	Ē	(248,642)			
2831001 2831001	661T 664A	661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA	(421,150) (70,646)	E E	(421,150) (70,646)			
2831001	664R	664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE	(150,296)	Е	(150,296)			
2831001 2831001	664S 664U	664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS	0 (0)	E E	0 (0)			
2831001	664V	664V REG ASSET-NET CCS FEED STUDY COSTS	(262,024)	Ē	(262,024)			
2831001 2831001	664X 668P	664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET	(0) (41,216)	E E	(0) (41,216)			
2831001	669M	669M REG ASSET-LOUISIANA VEGETATION MGMT	- i	E	0			
2831001 2831001	669X 669Y	669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-2010 SEVERANCE COSTS-LA FRP	(1,073,202) (1,228,231)	E E	(1,073,202) (1,228,231)			
2831001	670O	6700 REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR	(108,908)	E	(108,908)			
2831001 2831001	900A 900F	900A LOSS ON REACQUIRED DEBT 900F BK DEFL-GAIN REACQUIRED DEBT	(2,099,312) 14,783	PTD PTD		(2,099,312) 14,783		
2831001	906A	906A ACCRD SFAS 106 PST RETIRE EXP	(5,590,131)	Labor		14,700		(5,590,131)
2831001 2831001	906D 906K	906D SFAS 106 PST RETIRE EXP - NON-DEDUCT CONT 906K ACCRD SFAS 112 PST EMPLOY BEN	5,731,725 1,691,739	Labor Labor				5,731,725 1,691,739
2831001	906Z	906Z SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET	(1,679,926)	Labor				(1,679,926)
2831001 2831001	913Y 921A	913Y BK DEFL - MERGER COSTS 921A BK DEPLETION-MINERALS & RIGHTS	0 2,061,074	E E	0 2,061,074			
2831001	930A	930A BOOK > TAX BASIS-PRTSHP INVEST	(2,412,260)	Ē	(2,412,260)			
2831001	940K	940K 1988-1990 IRS AUDIT SETTLEMENT	(2,705)	Е	(2,705)			
2831002	911Q-DSIT	911Q-DSIT DSIT ENTRY - NORMALIZED	2,991,058	PTD		2,991,058		
2831		TOTAL ELECTRIC ACCOUNT SUBTOTAL te value Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)	(46,919,466) 46,919,466		(13,793,756)	0 (1,979,641)		0 (31,146,069)
1901001	011C	011C-MJE TAX CREDIT C/F - DEF TAX ASSET- MJE	898,797	Е	898,797			
1901001 1901001	011C-DFIT 433A	011C-DFIT TAX CREDIT C/F - DEF TAX ASSET 433A PUCT FUEL O/U RECOVERY-RETAIL	(321,320) (1,015,819)	E E	(321,320) (1,015,819)			
1901001	433A 433B	433B INTEREST-FUEL OVER/UNDER RECOVERY	(1,015,619)	E	(1,013,819)			
1901001 1901001	433C 433D	433C AR - FUEL OVER/UNDER RECOVERY 433D LA - FUEL OVER/UNDER RECOVERY	0 (361,115)	E E	0 (361,115)			
1901001	460A	460A UNBILLED REVENUE	5,522,320	Ē	5,522,320			
1901001 1901001	520A 576F	520A PROVS POSS REV REFDS-A/L 576F MARK & SPREAD-DEFL-190-A/L	1,044,466 (54,376)	PTD E	(54,376)	1,044,466		
1901001	602A	602A PROV WORKER'S COMP	205,725	Labor	(04,070)			205,725
1901001 1901001	605E 605F	605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN 605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158	352,211 248,642	Labor E	248,642			352,211
1901001	6051	605I ACCRD BK SUP. SAVINGS PLAN EXP	337,495	Labor	240,042			337,495
1901001 1901001	605J 605K	605J EMPLOYER SAVINGS PLAN MATCH 605K ACCRUED BK BENEFIT COSTS	0 42,740	Labor Labor				0 42,740
1901001	605O	605O ACCRUED PSI PLAN EXP	2,196,323	Labor				2,196,323
1901001 1901001	610A 610U	610A BK PROV UNCOLL ACCTS - ST 610U PROV-TRADING CREDIT RISK - A/L	321,192 20,708	PTD E	20,708	321,192		
1901001	610V	610V PROV-FAS 157 - A/L	· •	E	0			
1901001 1901001	611E 611G	611E ACCRUED MINE RECLAMATION 611G DEFD COMPENSATION-BOOK EXPENSE	14,182,821 593,275	E Labor	14,182,821			593,275
1901001	612Y	612Y ACCRD COMPANYWIDE INCENTV PLAN	5,593,510	Labor				5,593,510
1901001 1901001	613C 613E	613C ACCRD ENVIRONMENTAL LIAB-CURRENT 613E ACCRUED BOOK VACATION PAY	9,515 3,666,752	PTD Labor		9,515		3,666,752
1901001	613K	613K (ICDP)-INCENTIVE COMP DEFERRAL PLAN	50,432	Labor				50,432
1901001 1901001	613Y 615A	613Y ACCRUED BK SEVERANCE BENEFITS 615A ACCRUED INTEREST EXP -STATE	0	Labor PTD		0		0
1901001	615B	615B ACCRUED INTEREST-LONG-TERM - FIN 48	(498,536) 961,045	E	(498,536) 961,045			
1901001 1901001	615B 615C	615B-MJE ACCRD INTRST-TAX RES-L/T-FIN 48-MJE 615C ACCRUED INTEREST-SHORT-TERM - FIN 48	961,045 (141,586)	E E	961,045 (141,586)			
1901001 1901001	615C 615E	615C-MJE ACCRD INTRST-TAX RES-S/T-FIN 48-MJE 615E ACCRUED STATE INCOME TAX EXP	141,586	E	141,586			
1901001	6150	6150 BK DFL RAIL TRANS REV/EXP	(621,404)	E E	(621,404) (0)			
1901001 1901001	639A 641I	639A DEFD BK GAIN-NON-AFF SALE-EMA 641I ADVANCE RENTAL INC (CUR MO)	(69,006) 431,394	E PTD	(69,006)	431,394		
1901001	641X	641X DEFERRED INCOME - DOLET HILLS MINING BUYOUT	143,064	E	143,064	431,394		
1901001 1901001	651F 651H	651F DISALLOWED COSTS - TURK PLANT 651H DISALLOWED COSTS - TURK PLANT AUX BOILER	19,473,368 751,515	E E	19,473,368 751,515			
1901001	652G	652G REG LIAB-UNREAL MTM GAIN-DEFL	(1,507,631)	E	(1,507,631)			
1901001 1901001	664G 701A	664G REG LIAB-MIRROR AFUDC-LA 701A AMORT - GOODWILL PER BOOKS	13,085,883 2,119,648	E E	13,085,883 2,119,648			
1901001	702A	702A GOODWILL PER TAX	(741,878)	E	(741,878)			
	710H	710H AMORT ELEC PLT ACQ ADJS 906F ACCRD OPEB COSTS - SFAS 158	208,396 421,150	PTD E	421,150	208,396		
1901001		0001 AOORD OF ED 00010 - OF AO 100	421,150 26,377,579	E	421,150 26,377,579			
1901001 1901001	906F 906P	906P ACCRD BOOK ARO EXPENSE - SFAS 143		PTD		(1,046,870)		
1901001 1901001 1901001	906F 906P 911Q-DSIT	911Q-DSIT DSIT ENTRY - NORMALIZED	(1,046,870)		(760 GEA)			
1901001 1901001 1901001 1901001	906F 906P 911Q-DSIT 911S 911S	911Q-DSIT DSIT ENTRY - NORMALIZED 911S ACCRUED SALES & USE TAX RESERVE 911S ACCRUED SALES & USE TAX RESERVE - MJE	(1,046,870) (762,650) 762,650	E E	(762,650) 762,650			
1901001 1901001 1901001 1901001 1901001	906F 906P 911Q-DSIT 911S 911S 911V	911Q-DSIT DSIT ENTRY - NORMALIZED 911S ACCRUED SALES & USE TAX RESERVE 911S ACCRUED SALES & USE TAX RESERVE - MJE 911V-MJE ACCRD SIT TX RES-LNG-TERM-FIN 48-MJE	(1,046,870) (762,650) 762,650 1,233,829	E E E	762,650 1,233,829			
1901001 1901001 1901001 1901001 1901001 1901001 1901001	906F 906P 911Q-DSIT 911S 911S 911V 911V 911W	911Q-DSIT DSIT ENTRY - NORMALIZED 911S ACCRUED SALES & USE TAX RESERVE 911S ACCRUED SALES & USE TAX RESERVE - MJE 911V-MJE ACCRD SIT TX RES-LNG-TERM-FIN 48-MJE 911V ACCRD SIT TX RESERVE-LNG-TERM-FIN 48 911W ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48	(1,046,870) (762,650) 762,650 1,233,829 2,019,194	E E E E	762,650			
1901001 1901001 1901001 1901001 1901001 1901001	906F 906P 911Q-DSIT 911S 911S 911V 911V	911Q-DSIT DSIT ENTRY - NORMALIZED 911S ACCRUED SALES & USE TAX RESERVE 911S ACCRUED SALES & USE TAX RESERVE - MJE 911V-MJE ACCRD SIT TX RES-LNG-TERM-FIN 48-MJE 911V ACCRD SIT TX RESERVE-LNG-TERM-FIN 48	(1,046,870) (762,650) 762,650 1,233,829	E E E	762,650 1,233,829 2,019,194	842,317		
1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	906F 906P 911Q-DSIT 911S 911V 911V 911V 940X 960E	911Q-DSIT DSIT ENTRY - NORMALIZED 911S ACCRUED SALES & USE TAX RESERVE 911S ACCRUED SALES & USE TAX RESERVE - MJE 911V-MJE ACCRD SIT TX RES-LNG-TERM-FIN 48-MJE 911V ACCRD SIT TX RESERVE-LNG-TERM-FIN 48 911W ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48 940X IRS CAPITALIZATION ADJUSTMENT 960E AMT CREDIT - DEFERRED	(1,046,870) (762,650) 762,650 1,233,829 2,019,194 - 842,317 124,850	E E E E PTD E	762,650 1,233,829 2,019,194 0	842,317		
1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	906F 906P 911Q-DSIT 911S 911V 911V 911V 940X 960E	911Q-DSIT DSIT ENTRY - NORMALIZED 911S ACCRUED SALES & USE TAX RESERVE 911S ACCRUED SALES & USE TAX RESERVE - MJE 911V-MJE ACCRD SIT TX RES-LNG-TERM-FIN 48-MJE 911V ACCRD SIT TX RESERVE-LNG-TERM-FIN 48 911W ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48 940X IRS CAPITALIZATION ADJUSTMENT	(1,046,870) (762,650) 762,650 1,233,829 2,019,194 - 842,317	E E E E PTD	762,650 1,233,829 2,019,194 0	842,317 <b>0 1,810,410</b>		0 13,038,464
1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	906F 906P 911Q-DSIT 911S 911V 911V 911V 940X 960E	911Q-DSIT DSIT ENTRY - NORMALIZED 911S ACCRUED SALES & USE TAX RESERVE 911S ACCRUED SALES & USE TAX RESERVE - MJE 911V-MJE ACCRD SIT TX RES-LNG-TERM-FIN 48-MJE 911V ACCRD SIT TX RESERVE-LNG-TERM-FIN 48 911W ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48 940X IRS CAPITALIZATION ADJUSTMENT 960E AMT CREDIT - DEFERRED	(1,046,870) (762,650) 762,650 1,233,829 2,019,194 - 842,317 124,850 30,249,799 127,491,877	E E E E PTD E	762,650 1,233,829 2,019,194 0 124,850 30,249,799			0 13,038,464

#### Worksheet C-2 - ADIT & ITC Details

#### SOUTHWESTERN ELECTRIC POWER COMPANY DETAIL OF DEFERRED INCOME TAX BALANCES AS OF DECEMBER 31, 2014

						100%	Allocation Method		
Account	Line #	Description	Balance		Exclusions	Transmission	PTD Plant	T&D	Labor
2821001	230A	ACRS BENEFIT NORMALIZED	(974,079,573)	PTD			(974,079,573)		
2821001 2821001	230I 230J	CAPD INTEREST-SECTION 481(a)-CHANGE IN METHD RELOCATION CST-SECTION 481(a)-CHANGE IN METHD	(1,271,727) 81,564	PTD PTD			(1,271,727) 81,564		
2821001	230X	R & D DEDUCTION - SEC 174	(14,076,709)	PTD			(14,076,709)		
2821001	234Q	MACRS TAX DEPRECIATION - RAIL CARS	(5,074,885)	PTD			(5,074,885)		
2821001 2821001	260A 280H	SPARE PARTS INVENTORY BK PLANT IN SERVICE - SFAS 143 - ARO	2,799,917 (7,968,350)	PTD E	(7,968,350)		2,799,917		
2821001	295A	GAIN/LOSS ON ACRS/MACRS PROPERTY	(30,925,896)	PTD	(1,000,000)		(30,925,896)		
2821001 2821001	295C 320A	GAIN/LOSS-ACRS/MACRS-BK/TX UNIT PROP ABFUDC	1,764,745 (70,985,192)	PTD PTD			1,764,745 (70,985,192)		
2821001	380J	INT EXP CAPITALIZED FOR TAX	108,625,276	PTD			108,625,276		
2821001	390A	CIAC - BOOK RECEIPTS	13,213,599	E	13,213,599		(000,000)		
2821001 2821001	510H 532A	PROPERTY TAX-NEW METHOD-BOOK PERCENT REPAIR ALLOWANCE	(392,336) (15,126,740)	PTD PTD			(392,336) (15,126,740)		
2821001	532C	BOOK/TAX UNIT OF PROPERTY ADJ	(44,440,013)	PTD			(44,440,013)		
2821001 2821001	532D 534A	BK/TX UNIT OF PROPERTY ADJ-SEC 481 ADJ CAPITALIZED RELOCATION COSTS	(29,170,517) (8,548,463)	PTD PTD			(29,170,517) (8,548,463)		
2821001	560K	LOSS-ABANDONMENT S TIE - BK	367,811	PTD			367,811		
2821001	651A	IMPAIRED ASSETS RES-FAS 121-BK	10,388,158	E	10,388,158		(44,400,570)		
2821001 2821001	662A 662B	WRITE-OFF RE SFAS 71 SFAS 109 WRITE-OFF RE SFAS 71	(11,180,579) (2,878,325)	PTD PTD			(11,180,579) (2,878,325)		
2821001	680A	JOINT VENTURES-SYS FUEL PRJ-TX	(22,866)	Е	(22,866)		(=,===,		
2821001 2821001	710W 711N	BREM & HAUGH ACQUSITON ADJ-TX CAPITALIZED SOFTWARE COSTS-TAX	6,218,248 14,693	E Labor	6,218,248				14,693
2821001	7110	BOOK LEASES CAPITALIZED FOR TAX	(2,374,483)	PTD			(2,374,483)		14,093
2821001	711R	CAPITALIZED LEASES - A/C 1011 ASSETS	-	PTD			0		(4.000.070)
2821001 2821001	712K 910J	CAPITALIZED SOFTWARE COST-BOOK INTEREST EXPENSE - COAL CARS	(4,330,373) (14,179,508)	Labor E	(14,179,508)				(4,330,373)
2821001	910K	REMOVAL CST	(48,973,441)	PTD	, , , , , , , , , , , , , , , , , , ,		(48,973,441)		
2821001 2821001	910W 960F-XS	REMOVAL COSTS REV-SFAS 143-ARO EXCESS ADFIT 282	(10,564) (864,690)	E PTD	(10,564)		(864,690)		
2821001	3001 XO	TOTAL ELECTRIC ACCOUNT SUBTOTAL	(1,143,401,217)	1 10	7,638,717	0		0	(4,315,680)
	(absolute value	Total Company Amount Ties to FF1 p.275(k) Acct 282 Electric)	1,143,401,217						_
2831001	014C-DSIT	NOL-STATE C/F-DEF STATE TAX ASSET-L/T	(11,805,637)	E.	(11,805,637)				
2831001 2831001	575E 575E-MJE	MTM BK GAIN-A/L-TAX DEFL MTM BK GAIN-A/L-TAX DEFL - MJE	150,647 (5,556)	E E	150,647 (5,556)				
2831001	576E	MARK & SPREAD-DEFL-283-A/L	46,828	Е	46,828				
2831001 2831001	605B 605C	ACCRUED BK PENSION EXPENSE ACCRUED BK PENSION COSTS - SFAS 158	(32,242,819) 36,640,922	Labor E	36,640,922				(32,242,819)
2831001	630A	DEFD EXPS (A/C 186)	-	PTD	00,010,022		0		
2831001 2831001	630J 630M	DEFD STORM DAMAGE RATE CASE DEFD CHGS	7 (2,869,513)	PTD PTD			7 (2,869,513)		
2831001	631A	DEFD VALENCE EXPENSES-CURRENT	(2,009,313)	PTD			(2,869,513)		
2831001	631B	DEFD VALENCE EXPENSES-NON-CURRENT	(704 504)	PTD			(704.504)		
2831001 2831001	632U 638A	BK DEFL-DEMAND SIDE MNGMT EXP BOOK > TAX BASIS - EMA-A/C 283	(761,531) 12,413	PTD E	12,413		(761,531)		
2831001	660A	TRANSITION REGULATORY ASSETS	0	Е	0				
2831001 2831001	660F 661R	REG ASSET-SFAS 143 - ARO REG ASSET-SFAS 158 - PENSIONS	(594,754) (36,640,923)	E E	(594,754) (36,640,923)				
2831001	661S	REG ASSET-SFAS 158 - FENSIONS	(304,369)	E	(304,369)				
2831001	661T	REG ASSET-SFAS 158 - OPEB	3,135,666	E	3,135,666				
2831001 2831001	664A 664R	REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA REG ASSET-VALLEY DISTRICT DUE DILIGENCE	(23,635) (219,663)	E E	(23,635) (219,663)				
2831001	664S	REG ASSET-VEMCO EMPLOYEE RETIREMENT	0	Ē	0				
2831001 2831001	664U 664V	REG ASSET-VEMCO ACQUIS/INVESTMENTS REG ASSET-NET CCS FEED STUDY COSTS	(0) (310,774)	E	(0) (310,774)				
2831001	664X	REG ASSET-SWEPCO/VEMCO TRANSACTION COST	(0)	Ē	(0)				
2831001	668P	REG ASSET-LA 2009 FRP ASSET	(41,216)	E	(41,216)				
2831001 2831001	669M 669X	REG ASSET-LOUISIANA VEGETATION MGMT REG ASSET-SWEPCO SHIPE ROAD	(882,870) (800,447)	E E	(882,870) (800,447)				
2831001	669Y	REG ASSET-2010 SEVERANCE COSTS-LA FRP	(1,795,107)	Е	(1,795,107)				
2831001 2831001	900A 900F	LOSS ON REACQUIRED DEBT BK DEFL-GAIN REACQUIRED DEBT	(2,433,307) 18,672	PTD PTD			(2,433,307) 18,672		
2831001	906A	ACCRD SFAS 106 PST RETIRE EXP	(4,451,989)	Labor			10,072		(4,451,989)
2831001	906D	SFAS 106 PST RETIRE EXP - NON-DEDUCT CONT	5,731,725	Labor					5,731,725
2831001 2831001	906K 906Z	ACCRD SFAS 112 PST EMPLOY BEN SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET	2,039,747 (1,866,584)	Labor Labor					2,039,747 (1,866,584)
2831001	913Y	BK DEFL - MERGER COSTS	0	E	0				
2831001 2831001	921A 930A	BK DEPLETION-MINERALS & RIGHTS BOOK > TAX BASIS-PRTSHP INVEST	1,469,469 (1,883,257)	E E	1,469,469 (1,883,257)				
2831001	940K	1988-1990 IRS AUDIT SETTLEMENT	(2,705)	Е	(2,705)				
			(2,700)						
2831002	911Q-DSIT	DSIT ENTRY - NORMALIZED	4,654,148	PTD			4,654,148		
	911Q-DSIT	DSIT ENTRY - NORMALIZED	4,654,148		(42.954.067)	0			(20.790.020)
2831002 2831		DSIT ENTRY - NORMALIZED  TOTAL ELECTRIC ACCOUNT SUBTOTAL			(13,854,967)	0		0	(30,789,920)
		DSIT ENTRY - NORMALIZED	4,654,148 (46,036,411) 46,036,411	PTD		0		0	(30,789,920)
<b>2831</b> 1901001 1901001	(absolute value 011C 433A	TOTAL ELECTRIC ACCOUNT SUBTOTAL Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL	4,654,148 (46,036,411) 46,036,411 898,797 (5,071,447)	PTD E E	898,797 (5,071,447)	0		0	(30,789,920)
2831 1901001 1901001 1901001	(absolute value 011C 433A 433B	TOTAL ELECTRIC ACCOUNT SUBTOTAL Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY	4,654,148 (46,036,411) 46,036,411 898,797 (5,071,447) (1,933)	PTD  E E E E	898,797 (5,071,447) (1,933)	0		0	(30,789,920)
2831 1901001 1901001 1901001 1901001	(absolute value) 011C 433A 433B 433C 433D	TOTAL ELECTRIC ACCOUNT SUBTOTAL Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY	4,654,148 (46,036,411) 46,036,411 898,797 (5,071,447) (1,933) (3,932,083) (614,565)	PTD  E E E E E	898,797 (5,071,447) (1,933) (3,932,083) (614,565)	0		0	(30,789,920)
2831 1901001 1901001 1901001 1901001 1901001	(absolute value 011C 433A 433B 433C 433D 460A	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE	4,654,148 (46,036,411) 46,036,411 898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407	PTD  E E E E E	898,797 (5,071,447) (1,933) (3,932,083)	0	(1,391,524)	0	(30,789,920)
2831 1901001 1901001 1901001 1901001	(absolute value) 011C 433A 433B 433C 433D	TOTAL ELECTRIC ACCOUNT SUBTOTAL Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY	4,654,148 (46,036,411) 46,036,411 898,797 (5,071,447) (1,933) (3,932,083) (614,565)	PTD  E E E E E	898,797 (5,071,447) (1,933) (3,932,083) (614,565)	0		0	(30,789,920)
2831  1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L	4,654,148  (46,036,411)  46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191	PTD  E E E E F D PTD PTD E	898,797 (5,071,447) (1,933) (3,932,083) (614,565)	0	<b>(1,391,524)</b> 3,695,321	0	
2831  1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	(absolute value 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP	4,654,148  (46,036,411)  46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  566,191 166,825	PTD  E E E F TD PTD E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407	0	<b>(1,391,524)</b> 3,695,321	0	166,825
2831  1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369	PTD  E E E E F TD PTD E Labor Labor E	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407	0	<b>(1,391,524)</b> 3,695,321	0	166,825 322,062
2831  1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	(absolute value 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP	4,654,148  (46,036,411)  46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137	PTD  E E F PTD PTD E Labor Labor E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407	0	<b>(1,391,524)</b> 3,695,321	0	166,825
2831  1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS	4,654,148  (46,036,411)  46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881	PTD  E E E PTD PTD E Labor Labor Labor Labor Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407	0	<b>(1,391,524)</b> 3,695,321	0	166,825 322,062 322,137 0 50,881
2831  1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP	4,654,148  (46,036,411)  46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545	PTD  E E E F TD PTD E Labor Labor Labor Labor Labor Labor Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407	0	(1,391,524) 3,695,321 0	0	166,825 322,062 322,137 0
2831  1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS	4,654,148  (46,036,411)  46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881	PTD  E E E PTD PTD E Labor Labor Labor Labor Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407	0	<b>(1,391,524)</b> 3,695,321	0	166,825 322,062 322,137 0 50,881
1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605J 605K 605O 610A 610U 610V	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L	4,654,148  (46,036,411)  46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321 - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13)	PTD  E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369	0	(1,391,524) 3,695,321 0	0	166,825 322,062 322,137 0 50,881
2831  1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	(absolute value 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605J 605O 610A 610U	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128	PTD  E E E PTD PTD E Labor Labor Labor Labor Labor Labor Labor Labor Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369	0	(1,391,524) 3,695,321 0	0	166,825 322,062 322,137 0 50,881
1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPENSATION-BOOK EXPENSE	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 -	PTD  E E E PTD PTD E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369	0	(1,391,524) 3,695,321 0	0	166,825 322,062 322,137 0 50,881 2,018,545
1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O 610A 610U 610V 611E 611G	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE	4,654,148  (46,036,411)  46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684	PTD  E E E PTD PTD E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369	0	(1,391,524) 3,695,321 0	0	166,825 322,062 322,137 0 50,881 2,018,545
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANYWIDE INCENTV PLAN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BOOK VACATION PAY	4,654,148  (46,036,411)  46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629	PTD  E E E PTD PTD E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369	0	(1,391,524) 3,695,321 0	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN	4,654,148  (46,036,411)  46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250	PTD  E E E PTD PTD E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369	0	(1,391,524) 3,695,321 0	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANYWIDE INCENTV PLAN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BK SEVERANCE BENEFITS ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST EXP -STATE	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0	PTD  E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684	0	(1,391,524) 3,695,321 0	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANYWIDE INCENTV PLAN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST EXP -STATE ACCRUED INTEREST EXP -STATE	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133)	PTD  E E E PTD PTD E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684	0	(1,391,524) 3,695,321 0	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANYWIDE INCENTV PLAN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BK SEVERANCE BENEFITS ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST EXP -STATE	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0	PTD  E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684	0	(1,391,524) 3,695,321 0	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605J 605J 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BK SEVERANCE BENEFITS ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974	PTD  E E E PTD PTD E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684	0	(1,391,524) 3,695,321 0	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605J 605J 605G 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615E	TOTAL ELECTRIC ACCOUNT SUBTOTAL Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-FRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRU INTERST-TAX RES-L/T-FIN 48-MJE ACCRUED INTEREST-SHORT-TERM - FIN 48	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404)	PTD  E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684	0	(1,391,524) 3,695,321 0	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615C 615C 639A	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BN SEVERANCE BENEFITS ACCRUED INTEREST EXP -STATE ACCRUED INTEREST EXP -STATE ACCRUED INTEREST EXP -STATE ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTERST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA	4,654,148  (46,036,411)  46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006)	PTD  E E E E PTD PTD E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684	0	(1,391,524) 3,695,321 0 180,582	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615C 615C 615C 639A 641I	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BK SEVERANCE BENEFITS ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST EXP - STATE ACCRUED INTEREST - SHORT - FIN 48 ACCRUED	4,654,148  (46,036,411)  46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321	PTD  E E E E PTD PTD E Labor L	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684	0	(1,391,524) 3,695,321 0	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615C 615C 615C 639A 641I 641X 651F	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD EOMPENSATION-BOOK EXPENSE ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST EXP -STATE ACCRUED INTEREST EXP -STATE ACCRUED INTEREST EXP -STATE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT	4,654,148  (46,036,411) 46,036,411 898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321 - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856	E E E E PTD E Labor Labo	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856	0	(1,391,524) 3,695,321 0 180,582	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615C 615C-MJE 615C 639A 641I 641X 651F 651H	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BK SEVERANCE BENEFITS ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTERST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT AUX BOILER	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504	E E E E PTD E Labor Labo	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504	0	(1,391,524) 3,695,321 0 180,582	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615C 615C 615C 639A 641I 641X 651F	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD EOMPENSATION-BOOK EXPENSE ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST EXP -STATE ACCRUED INTEREST EXP -STATE ACCRUED INTEREST EXP -STATE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT	4,654,148  (46,036,411) 46,036,411 898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321 - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856	E E E E PTD E Labor Labo	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856	0	(1,391,524) 3,695,321 0 180,582	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605J 605J 605C 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615C 615C-MJE 615E 615O 639A 641I 641X 651F 651H 652G 664G 701A	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN ACCRDE DIVIRONMENTAL LIAB-CURRENT ACCRUED BK SEVERANCE BENEFITS ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTERST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT AUX BOILER REG LIAB-MIRROR AFUDC-LA AMORT - GOODWILL PER BOOKS	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750	PTD  E E E E E PTD PTD E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750	0	(1,391,524) 3,695,321 0 180,582	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605I 605J 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615C	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST EXP - STATE ACCRUED INTEREST EXP - STATE ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED INTEREST-SHOR	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902	PTD  E E E E PTD PTD E Labor L	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902	0	(1,391,524)  3,695,321 0  180,582  11,817  0	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615E 615O 639A 641I 641X 651F 651H 652G 664G 701A 702A 710H 906F	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET-MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAINYLOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD EONYRONMENTAL LIAB-CURRENT ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED INTEREST EXP -STATE ACCRUED INTEREST EXP -STATE ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT AUX BOILER REG LIAB-MIRROR AFUDC-LA AMORT - GOODWILL PER BOOKS GOODWILL PER TAX AMORT ELEC PLT ACQ ADJS ACCRD OPEB COSTS - SFAS 158	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) 229,758 (3,135,666)	PTD  E E E E E PTD E Labor Lab	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) (3,135,666)	0	(1,391,524) 3,695,321 0 180,582	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605I 605J 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615C	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BY SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-HORT-TERM - FIN 48 ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-L	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) 229,758	PTD  E E E E E PTD PTD E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (13) 14,290,684 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) (3,135,666) 16,294,309	0	(1,391,524)  3,695,321 0  180,582  11,817  0	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615E 615O 639A 641I 641X 651F 651H 652G 664G 701A 702A 710H 906F	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET-MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAINYLOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD EONYRONMENTAL LIAB-CURRENT ACCRUED BOOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED INTEREST EXP -STATE ACCRUED INTEREST EXP -STATE ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT AUX BOILER REG LIAB-MIRROR AFUDC-LA AMORT - GOODWILL PER BOOKS GOODWILL PER TAX AMORT ELEC PLT ACQ ADJS ACCRD OPEB COSTS - SFAS 158	4,654,148  (46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) 229,758 (3,135,666) 16,294,309	PTD  E E E E E PTD PTD E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) (3,135,666)	0	(1,391,524)  3,695,321 0  180,582  11,817  0  295,243	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615C 615C-MJE 615C 615C-MJE 615E 615O 639A 641I 641X 651F 651H 652G 664G 701A 702A 710H 906F 906P 911F-FIN48	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST EXP - STATE ACCRUED INTEREST EXP - STATE ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRD INTEREST-SHORT-TERM - FIN 48 ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT AMORT - GOODWILL PER BOOKS GOODWILL PER TAX AMORT ELEC PLT ACQ ADJS ACCRUED SALES & USE TAX RESERVE	(46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) 229,758 (3,135,666) 16,294,309 - (1,628,952) (237,650)	PTD  E E E E E PTD E Labor Lab	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) (3,135,666) 16,294,309 0 (237,650)	0	(1,391,524)  3,695,321 0  180,582  11,817  0	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605I 605J 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615C 615C-MJE 615C 615C-MJE 615E 615O 639A 641I 641X 651F 651H 652G 664G 701A 702A 710H 906F 906P 911F-FIN48 911Q-DSIT 911S	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAINILOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY WIDE INCENTY PLAN ACCRDE DOK VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTEREST-LONG-TERM - FIN 48 ACCRD INTEREST-LAY RES-L/T-FIN 48-MJE ACCRUED INTEREST-LAY RES-L/T-FIN 48-MJE ACCRUED INTEREST-LAY RES-S/T-FIN 48-MJE ACCRUED INTEREST-LAY RES-S/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK PACH INTEREST-LAY RES-S/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK PACH INTEREST-LAY RES-S/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK PACH INTEREST-LAY RES-S/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK PACH INTEREST-LAY RES-S/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK PACH INTEREST-LAY RES-S/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT DISALLOWED COSTS - SFAS 158 ACCRD DOPGE COSTS - SFAS 158 ACCRD DOPGE COSTS - SFAS 158 ACCRD DOPGE COSTS - SFAS 158 ACCRD BOOK ARO EXPENSE - SFAS 143 FIN 48 DSIT DSIT	(46,036,411) 46,036,411 898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321 - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) 229,758 (3,135,666) 16,294,309 - (1,628,952) (2376,50) 762,650	PTD  E E E E E PTD PTD E Labor	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (13) 14,290,684 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) (3,135,666) 16,294,309 0 (237,650) 762,650	0	(1,391,524)  3,695,321 0  180,582  11,817  0  295,243	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615C 615C 615C 615C 615C 615C 615C 615C	TOTAL ELECTRIC ACCOUNT SUBTOTAL  Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST EXP - STATE ACCRUED INTEREST EXP - STATE ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRD INTEREST-SHORT-TERM - FIN 48 ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT AMORT - GOODWILL PER BOOKS GOODWILL PER TAX AMORT ELEC PLT ACQ ADJS ACCRUED SALES & USE TAX RESERVE	(46,036,411) 46,036,411 898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321 - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) 229,758 (3,135,666) 16,294,309 - (1,628,952) (237,650) 76,9504	PTD  E E E E E PTD E Labor Lab	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) (3,135,666) 16,294,309 0 (237,650) 762,650 1,390,244	0	(1,391,524)  3,695,321 0  180,582  11,817  0  295,243	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615E 615O 639A 641I 641X 651F 651H 652G 664G 701A 702A 710H 906F 906P 911F-FIN48 911Q-DSIT 911S	TOTAL ELECTRIC ACCOUNT SUBTOTAL Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MIE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN BYP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT AUX BOILER REG LIAB-UNREAL MTM GAIN-DEFL REG LIAB-UNREAL MTM GAIN-DEFL REG LIAB-UNREAL MTM GAIN-DEFL REG LIAB-HIRROR AFUDC-LA AMORT - GOODWILL PER BOOKS GOODWILL PER TAX AMORT ELEC PLT ACQ ADJS ACCRD DOBE COSTS - SFAS 158 ACCRD BOOK ARO EXPENSE - SFAS 143 FIN 48 DSIT DSIT ENTRY - NORMALIZED ACCRUED SALES & USE TAX RESERVE - MJE ACCRD SIT TX RESERVE-LNG-TERM-FIN 48-MJE ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48-MJE	(46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) 229,758 (3,135,666) 16,294,309 - (1,628,952) (237,650) 762,650 1,390,244 1,233,829 -	PTD  E E E E E PTD E Labor PTD E E E E E E E E E E E E E E E E E E E	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (13) 14,290,684 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) (3,135,666) 16,294,309 0 (237,650) 762,650	0	(1,391,524)  3,695,321 0  180,582  11,817  0  295,243	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615C 615C 615C-MJE 615C 615C 615C 615C 615C 615C 615C 615C	TOTAL ELECTRIC ACCOUNT SUBTOTAL TOTAL COMPANY AMOUNT TIES TO FF1 p.277(k) Acct 283 Electric) TAX CREDIT C/F - DEF TAX ASSET - MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY WIDE INCENTY PLAN ACCRUED BK SEVERANCE BENEFITS ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST EXP - STATE ACCRUED INTEREST EXP - STATE ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP BCCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT DISALLOWED CO	(46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321 - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) 229,758 (3,135,666) 16,294,309 - (1,628,952) (237,650) 762,650 1,390,244 1,233,829 - 921,182	PTD  E E E E E PTD E Labor PTD E E E E E E E E E E E PTD E E E E E E E E E E E E E E E E E E E	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (13) 14,290,684 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) (3,135,666) 16,294,309 0 (237,650) 762,650 1,390,244 1,233,829 0	0	(1,391,524)  3,695,321 0  180,582  11,817  0  295,243	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615E 615O 639A 641I 641X 651F 651H 652G 664G 701A 702A 710H 906F 906P 911F-FIN48 911Q-DSIT 911S	TOTAL ELECTRIC ACCOUNT SUBTOTAL Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)  TAX CREDIT C/F - DEF TAX ASSET- MIE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN BYP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BK SEVERANCE BENEFITS ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTRST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT AUX BOILER REG LIAB-UNREAL MTM GAIN-DEFL REG LIAB-UNREAL MTM GAIN-DEFL REG LIAB-UNREAL MTM GAIN-DEFL REG LIAB-HIRROR AFUDC-LA AMORT - GOODWILL PER BOOKS GOODWILL PER TAX AMORT ELEC PLT ACQ ADJS ACCRD DOBE COSTS - SFAS 158 ACCRD BOOK ARO EXPENSE - SFAS 143 FIN 48 DSIT DSIT ENTRY - NORMALIZED ACCRUED SALES & USE TAX RESERVE - MJE ACCRD SIT TX RESERVE-LNG-TERM-FIN 48-MJE ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48-MJE	(46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321  - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) 229,758 (3,135,666) 16,294,309 - (1,628,952) (237,650) 762,650 1,390,244 1,233,829 -	PTD  E E E E E PTD E Labor PTD E E E E E E E E E E E E E E E E E E E	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) (3,135,666) 16,294,309 0 (237,650) 762,650 1,390,244	0	(1,391,524)  3,695,321 0  180,582  11,817  0  295,243	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615E 615O 639A 641I 641X 651F 651H 652G 664G 701A 702A 710H 906F 906P 911F-FIN48 911Q-DSIT 911S	TOTAL ELECTRIC ACCOUNT SUBTOTAL Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric) TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAINN-OSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD EON WIRONMENTAL LIAB-CURRENT ACCRUED BN SEVERANCE BENEFITS ACCRUED INTEREST EXP - STATE ACCRUED INTEREST-ENOR-TERM - FIN 48 ACCRD INTERST-TAX RES-I/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT DISALCOWED SALES & USE TAX RESERVE - MJE ACCRD SIT TX RESERVE-HOR-TERM-FIN 48 ACCRD SIT TX	(46,036,411) 46,036,411 898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321 - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) 229,758 (3,135,666) 16,294,309 - (1,628,952) (237,650) 762,650 1,390,244 1,233,829 - 921,182 2,354,850 -	PTD  E E E E E PTD E Labor PTD E E E E E PTD E E E E E E PTD E E E E E E E E E E E E E E E E E E E	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (13) 14,290,684 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) (3,135,666) 16,294,309 0 (237,650) 762,650 1,390,244 1,233,829 0 2,354,850	0	(1,391,524)  3,695,321 0  180,582  11,817  0  295,243  (1,628,952)	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605F 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615C 615C-MJE 615C 615C-MJE 615E 615O 639A 641I 641X 651F 651H 652G 664G 701A 702A 710H 906F 906P 911F-FIN48 911Q-DSIT 911S	TOTAL ELECTRIC ACCOUNT SUBTOTAL TOTAL Company Amount Ties to FF1 p.277(k) Acct 283 Electric) TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAIN/LOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP, SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD ENVIRONMENTAL LIAB-CURRENT ACCRUED BKO VACATION PAY (ICDP)-INCENTIVE COMP DEFERRAL PLAN ACCRUED INTEREST-LONG-TERM - FIN 48 ACCRD INTEREST-LONG-TERM - FIN 48 ACCRD INTEREST-LONG-TERM - FIN 48 ACCRD INTEREST-LANGEST-TIEM - FIN 48 ACCRD INTEREST-SHORT-TERM - FIN 48 ACCRUED INTEREST-TAX RES-S/T-FIN 48-MJE ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRUED INTEREST-TAX RES-S/T-FIN 48-MJE ACCRUED INTEREST-TAX RES-S/T-FIN 48-MJE ACCRUED INTEREST-SHORT-TERM - FIN 48 ACCRD INTRST-TAX RES-S/T-FIN 48-MJE ACCRUED INTEREST-TAX RES-S/T-FIN 48-MJE ACCRUED SATE INCOME TAX EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME TAX EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME TO SALE-EMA ADVANCE RENTAL INC (SUR MO) DEFERRED INCOME TO SET THE PLANT AUX BOILER REG LIAB-MIRROR AFUDC-LA AMORT - GOODWILL PER BOOKS GOODWILL PER TAX AMORT ELEC PLT ACQ ADJS ACCRD DOBE COSTS - SFAS 143 FIN 48 DSIT DSIT ENTRY - NORMALIZED ACCRUED SALES & USE TAX RESERVE - MJE ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48 ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48 ACC	(46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321 - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) 229,758 (3,135,666) 16,294,309 - (1,628,952) (237,650) 762,650 1,390,244 1,233,829 - 921,182	PTD  E E E E E PTD E Labor PTD E E E E E E E PTD E E E E E E E E E E E E E E E E E E E	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (13) 14,290,684 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) (3,135,666) 16,294,309 0 (237,650) 762,650 1,390,244 1,233,829 0	0	(1,391,524)  3,695,321 0  180,582  11,817  0  295,243  (1,628,952)	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615E 615O 639A 641I 641X 651F 651H 652G 664G 701A 702A 710H 906F 906P 911F-FIN48 911Q-DSIT 911S	TOTAL ELECTRIC ACCOUNT SUBTOTAL Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric) TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAINN-OSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BK BENEFIT COSTS ACCRUED PSI PLAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY INCENT PLAN-ENGAGE TO GAIN ACCRD EON WIRONMENTAL LIAB-CURRENT ACCRUED BN SEVERANCE BENEFITS ACCRUED INTEREST EXP - STATE ACCRUED INTEREST-ENOR-TERM - FIN 48 ACCRD INTERST-TAX RES-I/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME - DOLET HILLS MINING BUYOUT DISALLOWED COSTS - TURK PLANT DISALCOWED SALES & USE TAX RESERVE - MJE ACCRD SIT TX RESERVE-HOR-TERM-FIN 48 ACCRD SIT TX	(46,036,411) 46,036,411  898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321	PTD  E E E E E PTD E Labor PTD E E E E E PTD E E E E E E PTD E E E E E E E E E E E E E E E E E E E	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) (3,135,666) 16,294,309 0 (237,650) 762,650 1,390,244 1,233,829 0 2,354,850 33,730,392	0	(1,391,524)  3,695,321 0  180,582  11,817  0  295,243  (1,628,952)	0	166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250 29,430
1901001 1901001	(absolute value) 011C 433A 433B 433C 433D 460A 520A 562G 576F 602A 605E 605I 605J 605K 605O 610A 610U 610V 611E 611G 612G 612Y 613C 613E 613K 613Y 615A 615B 615B-MJE 615C 615C-MJE 615E 615O 639A 641I 641X 651F 651H 652G 664G 701A 702A 710H 906F 906P 911F-FIN48 911Q-DSIT 911S	TOTAL ELECTRIC ACCOUNT SUBTOTAL Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric) TAX CREDIT C/F - DEF TAX ASSET- MJE PUCT FUEL O/U RECOVERY-RETAIL INTEREST-FUEL OVER/UNDER RECOVERY AR - FUEL OVER/UNDER RECOVERY LA - FUEL OVER/UNDER RECOVERY UNBILLED REVENUE PROVS POSS REV REFDS-A/L DEFERRED BOOK GAINILOSS ON SALE MARK & SPREAD-DEFL-190-A/L PROV WORKER'S COMP SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 ACCRD BK SUP. SAVINGS PLAN MATCH ACCRUED BS IP SAVINGS PLAN MATCH ACCRUED BS LAN EXP EMPLOYER SAVINGS PLAN MATCH ACCRUED BS IP LAN EXP BK PROV UNCOLL ACCTS - ST PROV-TRADING CREDIT RISK - A/L PROV-FAS 157 - A/L ACCRUED MINE RECLAMATION DEFD COMPENSATION-BOOK EXPENSE ACCRD COMPANY MIDE INCENTY PLAN ACCRDE OMPANY MIDE INCENTY PLAN ACCRDE OMPANY MIDE INCENTY PLAN ACCRUED BS SEVERANCE BENEFITS ACCRUED BS SEVERANCE BENEFITS ACCRUED BITEREST-LONG-TERM - FIN 48 ACCRD INTREST-TAX RES-L/T-FIN 48-MJE ACCRUED STATE INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME TAX EXP BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME TAX EXP BK DFL RAIL TRANS REV/EXP DEFD BK GAIN-NON-AFF SALE-EMA ADVANCE RENTAL INC (CUR MO) DEFERRED INCOME TO STAR SHANDER ACCRD LINTERST-TO STAR SHANDER ACCRD SIT TX RESERVE-SHOT-TERM-FIN 48 ACCRD SIT TX RESERVE-LING-TERM-FIN 48 ACCRD SIT TX RESERVE-LING-TERM-FIN 48	(46,036,411) 46,036,411 898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 3,695,321 - 566,191 166,825 322,062 304,369 322,137 0 50,881 2,018,545 180,582 5,128 (13) 14,290,684 593,275 - 5,359,030 11,817 3,395,629 77,250 29,430 0 (627,133) 961,045 (417,975) 417,974 (621,404) (0) (69,006) 295,243 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) 229,758 (3,135,666) 16,294,309 - (1,628,952) (237,650) 762,650 1,390,244 1,233,829 - 921,182 2,354,850 -	PTD  E E E E E PTD E Labor PTD E E E E E PTD E E E E E E PTD E E E E E E E PTD E E E E E E E E E E E PTD E E E E E E E E E E E E E E E E E E E	898,797 (5,071,447) (1,933) (3,932,083) (614,565) 7,013,407 566,191 304,369 5,128 (13) 14,290,684 (13) 14,290,684 (417,975) 417,974 (621,404) (0) (69,006) 183,206 19,847,856 767,504 (150,206) 20,361,902 1,933,750 (600,568) (3,135,666) 16,294,309 0 (237,650) 762,650 1,390,244 1,233,829 0 2,354,850		(1,391,524)  3,695,321 0  180,582  11,817  0  295,243  (1,628,952)		166,825 322,062 322,137 0 50,881 2,018,545 593,275 0 5,359,030 3,395,629 77,250

# AEP West SPP Member Companies 2016 Cost of Service Formula Rate Worksheet D - Working Capital Rate Base Adjustments SOUTHWESTERN ELECTRIC POWER COMPANY

	(A) (B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)				
	Materials & Supplies											
<u>Line</u> <u>Number</u>		<u>Source</u>	Balance @ December 31, 2015	Balance @ December 31, 2014	Average Balance for Rate Year 2015							
1												
2	Transmission Materials & Supplies	FF1, p. 227, ln 8, Col. (c & b)	304,802	453,781	379,292							
3	General Materials & Supplies	FF1, p. 227, ln 11, Col. (c & b)	192,087	121,966	157,027							
4	Stores Expense (Undistributed)	FF1, p. 227, ln 16, Col. (c & b)	0	0	0							

		Prepayment B	alance Summary				
		Average of YE Balance	Excludable <u>Balances</u>	100% Transmission <u>Related</u>	Plant <u>Related</u>	Labor <u>Related</u>	Total Included in Rate Base (E)+(F)+(G)
5	Totals as of December 31, 2015	17,611,776	(95,981,338)	0	2,535,003	111,058,111	113,593,114
6	Totals as of December 31, 2014	14,033,288	(96,195,659)	0	1,875,542	108,353,405	110,228,947
7	Average Balance	15,822,532	(96,088,499)	0	2,205,273	109,705,758	111,911,030

17,611,776

29

Subtotal - Form 1, p 111.57.c

			Prepayments Account 165 - I	Balance @ 12/31/20 <sup>-</sup>				T-4-1 b111	
	Acc. No.	<u>Description</u>	2015 <u>YE Balance</u>	Excludable <u>Balances</u>	100% Transmission <u>Related</u>	Plant <u>Related</u>	Labor <u>Related</u>	Total Included in Rate Base (E)+(F)+(G)	
8 9 10	1650001 1650004 1650005	Prepaid Insurance Prepaid Interest Prepaid Employee Benefits	1,695,543 249,500 0			1,023,216 249,500	672,327	1,695,543 249,500 0	Plant (Property ) Ins., Cyber Risk Ins, Property Broker fees, Liabliity Ins and Broker's fees.  Prepaid Royalty Pmts to Coal Leaseholders, Stall Prepaid agreement fees & NERC Assessment
11	1650006	Other Prepayments	13,077,801	13,077,801					fees.
12 13 14	1650009 1650010 165001115	Prepaid Carry Cost Prepaid Pension Benefits Prepaid Sales Taxes	104,301 96,315,992 919,000	104,301		919,000	96,315,992	0 96,315,992 919,000	Prefunded Pension Expense
15 16 17	165001215 165001315 1650014	Prepaid Use Taxes Prepaid Local Franchise Taxes FAS 158 Qual Contra Asset	404 70,896 (96,315,992)	404 70,896 (96,315,992)				0 0 0	
18	1650016	FAS 112 ASSETS	0						SFAS 158 Offset
19	1650021	Prepaid Insurance - EIS	850,684	405 700		343,287	507,397		EIS Excess Liability Ins and EIS Property Ins.
20 21 22	1650023 1650029 1650031	Prepaid Leases Future Wetland Credits - Long Term Prepaid OCIP Work Comp	165,728 300,000 101,863	165,728 300,000			101,863	0 0 101,863	Dolet Hills Future Wetlands Credit
23 24 25	1650032 1650033 1650034	Prepaid OCIP Work Comp-Long Term Prepaid OCIP Work Comp-Affiliated Prepaid OCIP Work Comp-Affiliated Long Term	76,056				76,056	0 76,056 0	
25 26 27	1650034 1650035 1650036	PRW Without MED-D Benefits PRW for Med-D Benefits	13,384,476 0				13,384,476	13,384,476 0	
28	1650037	FAS158 Contra-PRW Exclude Med-D	(13,384,476)	(13,384,476)				0	

2,535,003 111,058,111 113,593,114

			Prepayments Account 165 -	Balance @ 12/31/20				Tatal Included	
30	Acc. No.	<u>Description</u>	2014 <u>YE Balance</u>	Excludable <u>Balances</u>	100% Transmission <u>Related</u>	Plant <u>Related</u>	Labor <u>Related</u>	Total Included in Rate Base (E)+(F)+(G)	
31 32 33	1650001 1650004 1650005	Prepaid Insurance Prepaid Interest Prepaid Employee Benefits	1,515,595 0 0			686,052	829,542		Plant: Property Ins, Labor Related: Gen Liability Ins, D&O Ins, Workers Comp Ins.  Prepaid Royalty Pmts to Coal Leaseholders, Stall
34 35 36 37 38 39 40	1650006 1650009 1650010 165001114 165001214 165001314	Other Prepayments Prepaid Carry Cost Prepaid Pension Benefits Prepaid Sales Taxes Prepaid Use Taxes Prepaid Local Franchise Taxes FAS 158 Qual Contra Asset	8,658,684 91,699 98,464,008 777,000 646 77,770 (98,464,008)	8,658,684 91,699 646 77,770 (98,464,008)		777,000	98,464,008	0 0 98,464,008 777,000 0 0	Prepaid agreement fees & NERC Assessment fees.  Prefunded Pension Expense
41 42 43 44	1650016 1650021 1650023 1650029	FAS 112 ASSETS  Prepaid Insurance - EIS  Prepaid Leases  Future Wetland Credits - Long Term	911,253 116,981 300,000	116,981 300,000		412,490	498,763	911,253 0	SFAS 158 Offset Plant: EIS Property Ins, Labor Related: EIS Gen Liability Ins.  Dolet Hills Future Wetlands Credit
45 46 47 48 49 50	1650031 1650032 1650033 1650034 1650035 1650036	Prepaid OCIP Work Comp Prepaid OCIP Work Comp-Long Term Prepaid OCIP Work Comp-Affiliated Prepaid OCIP Work Comp-Affiliated Long Term PRW Without MED-D Benefits PRW for Med-D Benefits	793,388 100,740 613,476 76,056 (2,924,279) 9,901,710				793,388 100,740 613,476 76,056 (2,924,279) 9,901,710	793,388 100,740 613,476 76,056 (2,924,279) 9,901,710	
51 52	1650037	FAS158 Contra-PRW Exclude Med-D  Subtotal - Form 1, p 111.57.d	14,033,288	(96,195,659)	0	1,875,542	108,353,405	110,228,947	

(95,981,338)

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# AEP West SPP Member Companies 2016 Cost of Service Formula Rate Worksheet E - IPP Credits SOUTHWESTERN ELECTRIC POWER COMPANY

<u>Line</u> <u>Number</u>	(A) <u>Description</u>	(B) <u>2015</u>
1	Net Funds from IPP Customers @ 12/31/2014 (2015 FORM 1, P269, (B))	56,994,522
2	Interest Accrual (company records)	1,622,024
3 4	Revenue Credits to Generators (company records)	(12,276,926)
5 6	Other Adjustments (company records) Accounting Adjustment	
7	Net Funds from IPP Customers 12/31/2015 (2015 FORM 1, P269, (F))	46,339,620
8	Average Balance for 2015 ((ln 1 + ln 7)/2)	51,667,071

#### AEP West SPP Member Companies

#### 2016 Cost of Service Formula Rate Projected on 2015 FF1 Balances

**Worksheet F** - Calculation of PROJECTED Annual Revenue Requirement for BPU and Special-billed Projects
Based on a Carrying Charge Derived from Historic 2015 Data

#### SOUTHWESTERN ELECTRIC POWER COMPANY

#### I. Calculate Return and Income Taxes with 0 basis point ROE increase for Projects Qualified

#### A. Determine 'R' with hypothetical 0 basis point increase in ROE for Identified Projects

ROE w/o incentives (Projected	l TCOS, In 149)		11.20%	1	
Project ROE Incentive Adder (I	Enter as whole num	ber)	0	basis points	
ROE with additional 0 basis po	int incentive		11.20%	<==Incentive ROE	Cannot Exceed 12.45%
Determine R (cost of long term	n debt, cost of prefe	erred stock and percei	nt is from Projected TO	COS, Ins 147 through	149)
	<u>%</u>	<u>Cost</u>	Weighted cost		
Long Term Debt	50.68%	0.0537	0.0272		
Preferred Stock	0.00%	0.0000	0.0000	)	
Common Stock	49.32%	0.1120	<u>0.0552</u>	:	
		R =	0.0825		

#### B. Determine Return using 'R' with hypothetical 0 basis point ROE increase for Identified Projects.

Rate Base (Projected TCOS, In 75)	734,624,004
R (from A. above)	0.0825
Return (Rate Base x R)	60,587,755

#### C. Determine Income Taxes using Return with hypothetical 0 basis point ROE increase for Identified Projects.

Return (from B. above)	60,587,755
Tax Rate (Projected TCOS, In 109)	37.92%
EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =	40.91%
Income Tax Calculation (Return x EIT)	24,786,694
ITC Adjustment (Projected TCOS, In 116)	(390,955)
Income Taxes	24,395,738

### II. Calculate Net Plant Carrying Charge Rate (Fixed Charge Rate or FCR) with hypothetical 0 basis point ROE increase.

#### A. Determine Net Revenue Requirement less return and Income Taxes.

Net Revenue Requirement (Projected TCOS, In 123)	155,087,151
Return (Projected TCOS, In 118)	60,587,755
Income Taxes (Projected TCOS, In 117)	24,395,738
Gross Margin Taxes (Projected TCOS, In 122)	439,174
Net Revenue Requirement, Less Return and Taxes	69,664,484

#### B. Determine Net Revenue Requirement with hypothetical 0 basis point increase in ROE.

Net Revenue Requirement, Less Return and Taxes	69,664,484
Return (from I.B. above)	60,587,755
Income Taxes (from I.C. above)	24,395,738
Net Revenue Requirement, with 0 Basis Point ROE increase	154,647,977
Gross Margin Tax with 0 Basis Point ROE Increase (II C. below)	439,174
Revenue Requirement w/ Gross Margin Taxes	155,087,151
Less: Depreciation (Projected TCOS, In 95)	30,110,663
Net Rev. Req, w/0 Basis Point ROE increase, less Depreciation	124,976,488

#### C. Determine Gross Margin Tax with hypothetical 0 basis point increase in ROE.

Net Revenue Requirement before Gross Margin Taxes, with 0	154,647,977
Basis Point ROE increase (II B. above)	
Apportionment Factor to Texas (Worksheet K, In 12)	40.45%
Apportioned Texas Revenues	62,560,154
Taxable Percentage of Revenue (70%)	70%
Taxable, Apportioned Margin	43,792,108
Texas Gross Margin Tax Rate	1%
Texas Gross Margin Tax Expense	437,921
Gross-up Required for Gross Margin Tax Expense	1,253
Total Additional Gross Margin Tax Revenue Requirement	439,174

#### D. Determine FCR with hypothetical 0 basis point ROE increase.

Net Transmission Plant (Projected TCOS, Ins 46, 47, 48, 49, 51)  Net Revenue Requirement, with 0 Basis Point ROE increase  FCR with 0 Basis Point increase in ROE	960,766,546 154,647,977 16.10%
Net Rev. Req, w / 0 Basis Point ROE increase, less Dep. FCR with 0 Basis Point ROE increase, less Depreciation FCR less Depreciation (Projected TCOS, In 12)	124,976,488 13.01% <u>13.01%</u> 0.00%

### Incremental FCR with 0 Basis Point ROE increase, less Depreciation III. Calculation of Composite Depreciation Rate

Transmission Plant @ Beginning of Period (P.206, In 58) Transmission Plant @ End of Period (P.207, In 58)	1,300,777,651 <==From Input on Workshee 1,387,776,696 <==From Input on Workshee	
	2,688,554,347	
Transmission Plant Average Balance for 2015	1,344,277,173	
Annual Depreciation Expense (Historic TCOS, In 246)	31,768,930	
Composite Depreciation Rate	2.36%	
Depreciable Life for Composite Depreciation Rate	42.31	
Round to nearest whole year	42	

AEP - SPP Formula Rate SWEPCO TCOS - WS F Page: 61 of 69

	SUMMARY OF PROJECTED ANNUAL BASE PLAN AND NON-BASE PLAN REVENUE REQUIREMENTS						
			Rev Require	W Incentives	Incentive Amounts		
PR	OJECTED YEAR	2016	63,756,965	63,756,965	\$ -		

**Note:** Review formulas in summary to ensure the proper year's revenue requirement is being accumulated for each project from the tables below.

NOTE: PART IV --- BPU Project Tables are contained in separate \*.xls file

#### AEP West SPP Member Companies

2016 Cost of Service Formula Rate Projected on 2015 FF1 Balances

Worksheet G - Calculation of TRUED-UP Annual Revenue Requirement for BPU and Special-billed Projects Based on a Carrying Charge Derived from Trued-Up 2015 Data
SOUTHWESTERN ELECTRIC POWER COMPANY

#### Calculate Return and Income Taxes with 0 basis point ROE increase for Projects Qualified for

#### A. Determine 'R' with hypothetical 0 basis point increase in ROE for Identified Projects

ROE w/o incentives (True-Up TCOS, In 136) Project ROE Incentive Adder (Enter as whole number)			11.20%	basia painta	
•	•	number)	0 1	basis points	
ROE with additional 0 basis	s point incentive		11.20% -	<==Incentive ROE	Cannot Exceed 12.45%
Determine R (cost of long	term debt, cost of p	referred stock and per	cent is from True-Up T	COS, Ins 134 throu	gh 136)
	<u>%</u>	<u>Cost</u>	Weighted cost		
Long Term Debt	50.23%	0.0552	0.0277		
Preferred Stock	0.00%	0.0000	0.0000		
Common Stock	49.77%	0.1120	<u>0.0557</u>		
		R =	0.0835		

#### B. Determine Return using 'R' with hypothetical 0 basis point ROE increase for Identified Projects.

Rate Base (True-Up TCOS, In 63)	631,288,826
R (from A. above)	0.0835
Return (Rate Base x R)	52,688,679

#### C. Determine Income Taxes using Return with hypothetical 0 basis point ROE increase for Identified Projects.

Return (from B. above)	52,688,679
Tax Rate (True-Up TCOS, In 96)	37.92%
EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =	40.80%
Income Tax Calculation (Return x EIT)	21,494,603
ITC Adjustment (True-Up TCOS, In 103)	(381,579)
Income Taxes	21,113,024

#### II. Calculate Net Plant Carrying Charge Rate (Fixed Charge Rate or FCR) with hypothetical 0 basis point **ROE** increase.

#### A. Determine Net Revenue Requirement less return and Income Taxes.

Net Revenue Requirement (True-Up TCOS, In 110)	142,642,474
Return (True-Up TCOS, In 105)	52,688,679
Income Taxes (True-Up TCOS, In 104)	21,113,024
Gross Margin Taxes (True-Up TCOS, In 109)	403,933
Net Revenue Requirement, Less Return and Taxes	68,436,838

#### B. Determine Net Revenue Requirement with hypothetical 0 basis point increase in ROE.

Net Revenue Requirement, Less Return and Taxes	68,436,838
Return (from I.B. above)	52,688,679
Income Taxes (from I.C. above)	21,113,024
Net Revenue Requirement, with 0 Basis Point ROE increase	142,238,541
Gross Margin Tax with Basis Point ROE Increase (II C. below)	403,933
Revenue Requirement w/ Gross Margin Taxes	142,642,474
Less: Depreciation (True-Up TCOS, In 83)	29,931,191
Net Rev. Reg. w/0 Basis Point ROF increase, less Depreciation	112 711 283

#### C. Determine Gross Margin Tax with hypothetical 0 basis point increase in ROE. Net Revenue Requirement before Gross Margin Taxes, with 0

Net Revenue Requirement before Gross Margin Taxes, with 0	142,238,541
Basis Point ROE increase (II B. above)	
Apportionment Factor to Texas (Worksheet K, In 12)	40.45%
Apportioned Texas Revenues	57,540,132
Taxable Percentage of Revenue (70%)	70%
Taxable, Apportioned Margin	40,278,093
Texas Gross Margin Tax Rate	1%
Texas Gross Margin Tax Expense	402,781
Gross-up Required for Gross Margin Tax Expense	1,152
Total Additional Gross Margin Tax Revenue Requirement	403,933

#### D. Determine FCR with hypothetical 0 basis point ROE increase.

Net Transmission Plant (True-Up TCOS, In 39)	855,371,047
Net Revenue Requirement, with 0 Basis Point ROE increase	142,642,474
FCR with 0 Basis Point increase in ROE	16.68%
Net Rev. Req, w / 0 Basis Point ROE increase, less Dep.	112,711,283
FCR with 0 Basis Point ROE increase, less Depreciation	13.18%
FCR less Depreciation (True-Up TCOS, In 12)	<u>13.18%</u>
Incremental FCR with 0 Basis Point ROE increase, less Depreciation	0.00%

#### **III.** Calculation of Composite Depreciation Rate

Transmission Plant @ Beginning of Period (P.206, In 58)	1,300,777,651 <==From Input on Worksheet B
Transmission Plant @ End of Period (P.207, In 58)	1,387,776,696 <==From Input on Worksheet B
	2,688,554,347
Transmission Plant Average Balance for 2015	1,344,277,173
Annual Depreciation Expense (True-Up TCOS, In 83)	31,768,930
Composite Depreciation Rate	2.36%
Depreciable Life for Composite Depreciation Rate	42.31
Round to nearest whole year	42

AEP - SPP Formula Rate SWEPCO TCOS - WS G Page: 62 of 69

SUMMARY OF TRUED-UP ANNUAL REV. REQ. FOR SPP BPU & NON-BPU PROJECTS						
	Rev Re	quire	W In	centives	Incentive Amounts	
TRUE-UP YEAR 2015						
∑ Prior Year Projected (WS-F)	\$	57,420,139	\$	57,420,139	\$	-
∑ Prior Year True-Up (WS-G)	\$	55,504,307	\$	55,504,307	\$	-
True-up Adjustment For 2015		(1,915,832)		(1,915,832)		-
,		, , ,		( , , , ,		

Note: Review formulas in summary to ensure the proper year's revenue requirement is being accumulated for each project from the tables below.

**NOTE:** PART IV --- BPU Project Tables are contained in separate \*.xls file

# AEP West SPP Member Companies Cost of Service Formula Rate Using 2015 FF1 Balances Worksheet H - Revenue Credits for Historic Period SOUTHWESTERN ELECTRIC POWER COMPANY

#### **Revenue Credits for**

		Total Company	Non- Transmission	Transmission
1.	Account 450, Forfeited Discounts	4,782,909	4,782,909	-
П.	Account 451, Miscellaneous Service Revenues	2,410,556	2,410,556	-
Ш.	Account 454, Rent from Electric Property			
	1 Account 4540001 - Rent from Elect Property-Aff	1,612,979	1,612,979	-
	2 Account 4540002 - Rent from Elect Property - Non-Aff	3,011,662	2,967,568	44,094
	3 Account 4540005 - Rent from Elect Property - Pole Attach	37,673	37,673	-
	4 Account 4540004 - Rent from Elect Property - ABD - Non-Aff	4,886,029	4,886,029	-
	5 Total Rents from Electirc Property	9,548,344		44,094
	( Revenue related to transmission facilities for pole attachments, rentals, etc. Provide data sources are	nd explanations in Secti	on VIII, Notes below)	
IV.	Account 4560015, Revenues from Associated Business Development			
	1 Account 4560015, Revenues from Associated Business Development	803,087		196,730
V.	Total Other Operating Revenues To Reduce Revenue Requirement			240,824
VI.	Account 456.1, Revenues from Transmission of Electricity of Others			71,522,009
	( Provide data sources and any detailed explanations necessary in Section VIII Notes below ) <b>Less:</b>			
	1 Transmission Direct Assignment Revenue (if costs not in the ARR)			-
	2 Sponsored Upgrade Revenue			-
	3 Credits against Transmission Service Revenue related to Generation Interconnection	ons		76,752
	4 Revenue for GFA's (Relative to SPP OATT) Associated with Load Included in the Di			-
	5 Network Service Revenue (SPP Schedule 9) Associated with Load included in the D	Divisor		33,710,266
	6 Revenue Associated with Transmission Plant Excluded From SPP Tariff			-
	7 Distribution and Other Non-Transmission Revenue			521,472
	8 Revenue from SPP Ancillary Services Provided			1,267,721
	9 Base Plan Revenue (from SPP)			26,839,608
	10 Flow Through of ERCOT Ancillary Charges 11 Other			-
			_	
	Net Tra	ansmission Cred	its	\$9,106,191
VII.	Total Worksheet A Revenue Credits			\$9,347,015
VIII	. Data Sources:			

#### VIII. Data Sources:

Data for this worksheet came from the FERC Form 1 and the Company's General Ledger.

AEP - SPP Formula Rate SWEPCO TCOS - WS I Page: 64 of 69

# AEP West SPP Member Companies Cost of Service Formula Rate Using 2015 FF1 Balances Worksheet I - Supporting Transmission Expense Adjustments SOUTHWESTERN ELECTRIC POWER COMPANY

1	Other Expenses		
2	Direct Assignment Charge		\$0
3	Sponsored Upgrades Charge		\$0
4	Firm and Non-Firm Point-To-Point Charges		\$0
5	Base Plan Charges		\$0
6	Schedule 9 Charges		\$0
7	SPP Schedule 12 - FERC Assessment		\$0
8	SPP Schedule 1-A		\$0
9	SPP Annual Assessment		\$0
10	Ancillary Services Expenses		\$0
11	Other		\$0
12	Other		\$0
13	Other		\$0
14	Total	( sum of lines 2 through 13 )	\$0

Adjustment to charges that are booked to transmission accounts that are the responsibility of the TO's LSE.

NOTE: Exclusion of Accounts 561 and 565 from O&M Expense in the TCOS templates eliminates the need to use this worksheet.

# AEP West SPP Member Companies Cost of Service Formula Rate Using 2015 FF1 Balances Worksheet J - Allocation of Specific O&M or A&G Expenses SOUTHWESTERN ELECTRIC POWER COMPANY

	(A)	(B)	(C)	(D)	(E)	(F)
<u>Line</u> Number	FERC Acct No.	<u>Description</u>	<u>2015</u> Expense	100% Non-Transmission	100% Transmission Specific	<u>Explanation</u>
		Account 926				
1	9260021	2007 Base Year OPEB Expense (Note 1) Postretirement Benefits - OPEB	7,852,189			
2	9260057	Postret Ben Medicare Subsidy	(2,175,142)			
3 4		OPEB Billed From Service Corporation Net 2007 Base Year Expense	496,027 6,173,074			
5		2015 Current Year Expense	0,173,074			
6	9260021	Postretirement Benefits - OPEB	(7,498,689)			
7 8	9260057	Postret Ben Medicare Subsidy OPEB Billed From Service Corporation	733,438 (707,624)			
9		Net 2015 Expense	(7,472,875)			
10		Net Increase (Decrease) in OPEB Expense	(13,645,949)	This Amount Is Allocat	ted on Wages & S	alaries
	Note 1: A	bsent a 205 Filing with FERC, the base amounts (Lns 1-4)	will not change in	n subsequent years.		
		Account 928		4.004		
11 12	9280000	Regulatory Commission Exp Reg Commission Expense - OCC Annual Fees	1,634 32,373	1,634 32,373		FERC Annual Assessment
13		Reg Commission Exp - Labor Accruals	649	649		Labor accruals - for various depts
14		Reg Commission Exp - Case	31,323	31,323		EECRF Filing-SWEPCO Tx Distribution
15		Reg Commission Exp - Case	91,446	the contract of the contract o		Misc Filing
16	9280002	Reg Commission Exp - Case	8,634	8,634		To accumulate costs to support an Arkansas rate case for SWEPCo. This case is likely to file in 2007 or 2008.
						Recovery of Rate Case Expenses in PUCT Docket No.
17	9280002	Reg Commission Exp - Case	1,264,936	1,264,936		42370 - Amortization starting Aug 2015 - July 2018 (3
18	9280002	Reg Commission Exp - Case	4,232	4,232		To accumulate AEPSC costs in connection with the preparation and filing of the 2015 Louisiana Integrated
19	0280002	Reg Commission Exp - Case	337	337		Resource Plan IRP . Culture Train Power Up & Lead
19	9200002	Reg Commission Exp - Case	337	337		Culture Trail Fower Op & Leau
20	9280002	Reg Commission Exp - Case	432	432		2009 SWEPCO EECRF Filing
21	9280002	Reg Commission Exp - Case	13,426	13,426		Rate Case Support - SWEPCO DCRF Filing
22 23		Reg Commission Exp - Case Reg Commission Exp - Case	3,020 24	3,020 24		2009 TX Filing - Fuel Rec 2009 TX Rate Filing
24		Reg Commission Exp - Case	14,048			SWEPCO TX Rate Case filing - 2012
25	9280002	Reg Commission Exp - Case	2,230	2,230		To accumulate operating company costs in connection with preparation and filing of a 2015 SWEPCO
						Arkansas Base Rate Case.
26 27		Reg Commission Exp - Case  Reg Commission Exp - Case	59,489 127,856			Rate Case Support - SWEPCO Trans- TCRF Filing Rate Case Support - SWEPCO 2015 Fuel Factor Filing.
28		Reg Commission Exp - Case	33,879	·		Rate Case Support - Gen Formula Rate Update
29	9280002	Reg Commission Exp - Case	64,396	the contract of the contract o		SWEPCO Tx Rate Case Exp 2014
30 31		Reg Commission Exp - Case Reg Commission Exp - Case	1,179 167,798	1,179 167,798		SWEPCO Tx 2014 Filing - Fuel Rec SWEPCO Energy Efficiency Cost Recovery Factors
32	3200002	Total (FF1, pg. 323)	1,923,339	1,923,339	0	
32			1,923,339	1,923,339	0	
33	9301000	Account 930.1 General Advertising Expenses	124,531	124,531	0	
	9301001	Newspaper Advertising Space	14,875		0	
	9301002 9301003	Radio Station Advertising Time TV Station Advertising Time	9,909 3,475		0	
37	9301006	Spec Corporate Comm Info Proj	0	0	0	
38 39	9301008	Direct Mail and Handouts Fairs, Shows, and Exhibits	0	0	0	
40	9301010	Publicity	10,605		0	
41 42	9301011 9301012	Dedications, Tours, & Openings Public Opinion Surveys	0 32,891	0 32,891	0	
43	9301013	Movies Slide Films & Speeches	0	0	0	
44 45	9301014 9301015	Video Communications Other Corporate Comm Exp	0 73,412	73,412	0	
46		<b>Total</b> (FF1, pg. 323)	269,699	269,699	-	
		Account 930.2				
47 48		Misc General Expenses Corporate & Fiscal Expenses	690,628 72,887	690,628 72,887	0	
49	9302004	Research, Develop&Demonstr Exp	5,531	5,531	0	
50 51		Assoc Bus Development - Materials Sold-Trans Assoc Bus Development - Materials Sold-Non Trans	(1) 31,124	0 31,124	(1)	
52	9302007	Assoc Business Development Exp - Transmission	109,204	0	109,204	
53 54		Assoc Business Development Exp - Non-Transmission AEPSC Non Affliated expenses	208,607	208,607	0	
55		Franchise Requirements	0	0	0	
49		<b>Total</b> (FF1, pg. 323)	1,117,978	1,008,776	109,203	

Actual

#### **AEP West SPP Member Companies** Cost of Service Formula Rate Using 2015 FF1 Balances Worksheet K - Development of Composite State Income Tax Rate **SOUTHWESTERN ELECTRIC POWER COMPANY**

#### **DEVELOPMENT OF COMPOSITE STATE INCOME TAX RATES FOR 2015**

State Income Tax Rate - Louisiana Apportionment Factor		8.00% 36.33%	
Effective Louisiana State Income Tax Rate			2.9064%
State Income Tax Rate - Arkansas Apportionment Factor		6.50% 24.22%	
Effective Arkansas State Income Tax Rate		27.2270	1.5740%
State Income Tax Rate - Oklahoma	Note 1	5.66%	
Apportionment Factor		0.20%	0.04440/
Effective Oklahoma State Income Tax Rate			0.0111%
State Income Tax Rate - Texas		0.00%	
Apportionment Factor		0.00%	/
Effective Texas State Income Tax Rate			0.0000%
State Income Tax Rate - Nebraska		0.00%	
Apportionment Factor		0.00%	
Effective Nebraska State Income Tax Rate			0.0000%
Total Effective State Income Tax Rate			4.4915%

Note 1 --- The Oklahoma State Income Tax Rate of 6% is reduced to 5.66% due to the deductibility of Oklahoma State Income Taxes on the Oklahoma State Income Tax Return.

#### **CALCULATION OF TEXAS GROSS MARGIN TAX**

Line # REVENUE REQUIREMENT BEFORE TEXAS GROSS MARGIN TAX (In 118 of Template)	Total Company 695,999,430	Trans. Only 154,647,977	Total Company 689,199,241	Trans. Only 145,168,521	Total Company 689,887,819	Trans. Only 142,238,541
1 Apportionment Factor to Texas (In12)	40.45%	40.45%	40.45%	40.45%	40.45%	40.45%
2 Apportioned Texas Revenues	\$281,554,485	\$62,560,154	\$278,803,587	\$58,725,405	\$279,082,140	\$57,540,132
3 Taxable Percentage of Revenue (70%)	70%	70%	70%	70%	70%	70%
4 Taxable, Apportioned Margin	197,088,140	43,792,108	195,162,511	41,107,783	195,357,498	40,278,093
5 Texas Gross Margin Tax Rate (1%)	1%	1%	1%	1%	1%	1%
6 Texas Gross Margin Tax Expense	1,970,881	437,921	1,951,625	411,078	1,953,575	402,781
7 Gross-up Required for Texas Gross Margin Expense	5,637	1,253	5,582	1,176	5,588	1,152
((ln 6 * ln 3 * ln 1)/(1- ln 5) * ln 5)						
8 Total Additional Gross Margin Tax Revenue Requirement	1,976,518	439,174	1,957,207	412,254	1,959,163	403,933

Projected

Historic

9 WHOLESALE LOAD ALLOCATOR (For Use in Gross Margin Tax Allocator) 10 Texas Jurisdictional Load

1,312,803 KW 3,245,234 KW 11 Total Load 40.45% 12 Allocation Percentage (ln 10 / ln 11)

# AEP West SPP Member Companies Cost of Service Formula Rate Using 2015 FF1 Balances Worksheet L - Taxes Other than Income SOUTHWESTERN ELECTRIC POWER COMPANY

#### HISTORIC PERIOD EXPENSE (2015) - TO BE USED ON TRUE-UP TEMPLATE

	(A)	(B)	(C)	(D)	(E)	(F)
Line		Total				
No.	Account	Company	Property	Labor	Other	Non-Allocable
1	Revenue Taxes					
2	TX Gross Receipts/OH CAT Tax	5,832,635				5,832,635
0	Deal Fatata and Davagnal Drangety Tayon					
3 1	Real Estate and Personal Property Taxes Oklahoma Ad Valorum	389,742	389,742			
5	Arkansas Ad Valorum	12,052,172	12,052,172			
6	Louisiana Ad Valorum	20,637,337	20,637,337			
7	Texas Ad Valorum	18,860,925	18,860,925			
0	Doursell Toyon					
8 9	Payroll Taxes Federal Insurance Contribution (FICA)	6,670,814		6,670,814		
10	Federal Unemployment Tax	48,268		48,268		
11	State Unemployment Insurance	56,029		56,029		
12	Production Taxes					
13 14		-				-
14		-				-
15	Miscellaneous Taxes					
16	Federal Excise Tax	8,140				8,140
17	LA State Franchise	7			<u>-</u>	
18	DE State Franchise	72,150			72,150	
19	AR State Franchise	122,393			122,393	
20 21	Ok State Franchise Tax Ok State License	20,100			20,100	
22	AR State License				<u>-</u>	
23	NE State License				-	
24	DE State License				-	
25	State Franchise	3,937,241			3,937,241	
26	AR Local Franchise	0.004.000			-	0.004.000
27	TX Local Franchise	9,331,988				9,331,988
28 29	TX State Franchise  LA Local Franchise	8,058,095				- 8,058,095
30	AR Sales & Use Tax	0,000,000			_	0,000,000
31	LA Sales & Use Tax	(651)				(651)
32	NE Sales & Use Tax					-
33	Ok Sales & Use Tax					-
34	TX Sales & Use Tax	30,924			000 000	30,924
35 36	TX PUC	863,033			863,033	
36 37	LA Insp & Cntrl Fees State Licence Registration	484,929 239			484,929 239	
38	LA PUC	209			<b>-</b>	
39	AR PUC	563,436			563,436	
40	DE Misc State and Local	,			- -	
4.4	Total Tayon by Allanable Daris	00.000.000	E4 040 470	<u> </u>	6 000 504	00 004 404
41	Total Campany Amount Tiga to FFL n 114 J n 14 (a)	88,039,939	51,940,176	6,775,111	6,063,521	23,261,131
	(Total Company Amount Ties to FFI p.114, Ln 14,(c))	88,039,939				

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#### AEP West SPP Member Companies Cost of Service Formula Rate Using 2015 FF1 Balances

### Worksheet M - Cost of Debt Based on Outstanding Balances as of 12/31/2015 SOUTHWESTERN ELECTRIC POWER COMPANY

(A)	(A) (B) (C)		(D)	(E)
<u>Issuance</u>	Principle Amount FF1.p. 257.x (h)	Interest Rate	Annual Expense	<u>Notes</u>
Long Term Debt (FF1.p. 256-257.h)				
TX Local Bank Facility FERC Auth ES 14-24-000	100,000,000	Var	1,807,385 -	p257.1 L17h)
4 Pollution Control Bonds				
<ul><li>5 PCRB - Parish of DeSoto, LA - Series 2010</li><li>6 PCRB - Sabine River - Series 2006 - 4.95%</li><li>7 PCRB - Parish of DeSoto, LA - Series 2010</li></ul>	53,500,000 81,700,000	1.60% 4.95% 3.25%	4,044,150	p257 L11(h) p257 L19(h) p257 L8(h)
8 <u>Senior Unsecured Notes</u> 9 Senior Unsecured Notes - Series C		5.375%	1,552,778	n257   13(h)
<ul> <li>Senior Unsecured Notes - Series D</li> <li>Senior Unsecured Notes - Series E</li> <li>Senior Unsecured Notes - Series F</li> <li>Senior Unsecured Notes - Series G</li> </ul>	250,000,000 300,000,000 400,000,000	4.90% 5.55% 5.875% 6.45%	3,675,000 13,875,000 17,625,000 25,800,000	p257 L16(h) p257 L22(h) p257 L27(h) p257 L30(h)
<ul> <li>14 Senior Unsecured Notes - Series H</li> <li>15 Senior Unsecured Notes - Series I</li> <li>16 Senior Unsecured Notes - Series J</li> </ul>	350,000,000 275,000,000 400,000,000	6.20% 3.55% 3.90%	21,700,000 9,762,500 11,916,667	p257.1 L8(h)
Issuance Discount, Premium, & Expenses:				
17 Financial Hedges & Auction Fees	FF1.p256 & 257.i Lines Described as	Hedges or Fees	3,073,312	p257.1,Ln11 p257,Ln25
<ul><li>18 Amort of Debt Discount and Expenses</li><li>19 Less: Amor of Debt Premiums</li></ul>	FF1.p. 117.63.c (or WS-N Ln 15) FF1.p. 117.65.c (or WS-N Ln 17)		2,144,123	
Reacquired Debt: 20 Amortization of Loss 21 Less: Amortization of Gain	FF1.p. 117.64.c (or WS-N Ln 16) FF1.p. 117.66.c (or WS-N Ln 18)		954,273 11,112	
22 Total Interest on Long Term Debt	2,210,200,000	5.37%	118,777,528	]
Preferred Stock (FF1.p. 250-251)	Preferred Balance Outstanding		-	
			-	
23 Dividends on Preferred Stock	-	0.00%	-	]

#### AEP West SPP Member Companies Cost of Service Formula Rate Using 2015 FF1 Balances SOUTHWESTERN ELECTRIC POWER COMPANY

#### Calculation of Capital Structure and Weighted Average Cost of Capital Based on Average of Balances At 12/31/2014 and 12/31/2015

46 Balance of Preferred Stock (Lns 34, 39, 44) 47 Dividens on Preferred Stock (Lns 35, 40, 45) 48 Average Cost of Preferred Stock (Ln 47/46)

(A)	(B)	(C)	(D)	(E)			
Line		Balances @_ 12/31/2015	Balances @ 12/31/2014	Average			
	ppment of Average Balance of Common Equity	<u></u>	,_,				
	1 Total Proprietary Capital (p. 112.16.c&d) 2 Less Preferred Stock from Ln 46 below	2,169,212,700 0	2,096,786,466	2,132,999,583			
	3 Less Account 216.1 (p. 112.12.c&d)	27,601,852	23,735,635	25,668,744			
	4 Less Account 219.1 (p. 112.15.c&d) 5 Average Balance of Common Equity	(9,331,734) 2,150,942,582	(7,468,023) 2,080,518,854	(8,399,879) <b>2,115,730,718</b>			
David				_,,,.			
Develo	opment of Cost of Long Term Debt Based on A	verage Outstanding B	<u>saiance</u>				
	6 Bonds (221) (p. 112.18.c&d)	-	-	-			
	7 Less: Reacquired Bonds (222) (p. 112.19.c&d) 8 Advances from Assoc. Companies (223) (p112.20.c&d)			-			
	9 Senior Unsecured Notes (224) (p. 112.21.c&d)	2,210,200,000	2,060,200,000	2,135,200,000			
•	10 Total Average Debt	2,210,200,000	2,060,200,000	2,135,200,000			
	11 Annual Interest Expense for 2015						
	12 Coupon Interest on Long Term Debt (256-257.33.i)			115,690,244			
	13 Less: Financial Hedge (Gain)/Expense from Ln 26 Includ	ed in Ln 12		3,073,312			
	14 Plus: Allowed Hedge Recovery from Ln 30 below 15 Amort of Debt Discount & Expense (428) (p. 117.63.c)			2,125,465 2,144,123			
	16 Amort of Loss on Reacquired Debt (428.1) (p. 117.63.c)			2, 144, 123 954,273			
	17 Less: Amort of Premium on Debt (429) (p. 117.65.c)			-			
	18 Less: Amort of Gain on Reacquired Debt (429.1) (p. 117			11,112			
•	19 Total Interest Expense (Ln 12 - Ln 13 + Ln 14 + Ln 15	+ Ln 16 - Ln 17 - Ln 18)		117,829,681			
20 Average Cost of Debt for 2016 (Ln 19/Ln 10) 5.52%							
	21 Financial Hedge Amortization Reported in Column (i) on	Page 256-257		0.040.050			
	22 SUN Series I 3.55% Financial Hedge (p257.1/Ln11) 23 SUN Series 5.55% Financial Hedge (p257/Ln25)			2,212,653 860,659			
	24			000,009			
	25						
	26 Total Hedge Amortization	- 407\		3,073,312			
	27 Total Average Capital Balance for 2015 (Actual TCOS, Local Section 28 Financial Hedge Recovery Limit - Five Basis Points of Tocal Five Basis Points of Tocal Section 2015	,		4,250,930,718 0.0005			
	29 Limit of Recoverable (Gain)/Expense Amount	otal Capital		2,125,465			
;	30 Recoverable Hedge Amortization			2,125,465			
(lesser of 5 basis point Cap or Actual (Gain)/Expense based on magnitude as indicated on Ln 26 or Ln 29)							
<u>Develo</u>	pment of Cost of Preferred Stock						
	Preferred Stock			<u>Average</u>			
;	31 0% Series Dividend Rate (p. 250-251. 10.a)						
	32 0% Series Par Value (p. 250-251. 10.c)						
	33 0% Series Shares O/S (p.250-251. 10.e) 34 0% Series Monetary Value (Ln 32 * Ln 33)	_	_	_			
	35 0% Series Dividend Amount (Ln 31 * Ln 34)	-	-	-			
	,						
	36 0% Series - Dividend Rate (p. 250-251, 9.a)						
	37 0% Series Par Value (p. 250-251. 9.c) 38 0% Series Shares O/S (p.250-251. 9.e)						
39 0% Series Monetary Value (Ln 37 * Ln 38)				-			
4	40 0% Series Dividend Amount (Ln 36 * Ln 39)	-	-	-			
4	41 0% Series Dividend Rate (p. 250-251. 8.a)						
4	42 0% Series Par Value (p. 250-251. 8.c)						
	43 0% Series Shares O/S (p.250-251. 8.e)						
	44 0% Series Monetary Value (Ln 42 * Ln 43) 45 0% Series Dividend Amount (Ln 41 * Ln 44)	-	-	-			
•	10 0/0 Genes Dividend Amount (Ell 41 Ell 44)	-	-	-			

0.00%