AEP - SPP Formula Rate Actual/Projected NITS Rates Page: 1 of 59

AEP West SPP Member Operating Companies Calculation of Actual/ Projected Zonal Rate For Schedule 9 For the 2019 Rate Year

SPP Zone 1 Actual/ Projected AEP Revenue Requirements

Line No.	or Pane Pataul Projected All	rtovonao rtoquii omonio	AEP Annual Revenue Requirement	PSO Annual Revenue Requirement	SWEPCO Annual Revenue Requirement
A. Netwo	ork Service				
1	RATE YEAR REVENUE REQUIREMENT (w/o incentives)	(TCOS Line 1)	268,898,410	\$94,141,628	\$174,756,782
2	LESS: REVENUE CREDITS	(TCOS Line 2)	13,379,665	\$6,362,727	\$7,016,938
3	NETWORK CUSTOMER OWNED FACILITY CREDITS	(TCOS Line 3)	\$0	\$0	\$0
4	RATE YEAR ZONE 1 AEP NETWORK SERVICE REVENUE REQUIREMENT	(TCOS Line 4)	\$255,518,746	\$87,778,901 34.353%	\$167,739,845 65.647%
5	LESS: REVENUE REQUIREMENTS INCLUDED IN LINE 1 FOR:			0.100070	00.0 /0
6	BASE PLAN UPGRADES (W/O INCENTIVES)	(TCOS Line 5)	84,605,118	7,284,760	77,320,358
7	REQUESTED UPGRADES (W/O INCENTIVES)	(Worksheet F/G)	-	-	-
8	ECONOMIC UPGRADES (W/O INCENTIVES)	(Worksheet F/G)	<u> </u>		
9	SUBTOTAL		84,605,118	7,284,760	77,320,358
10	EXISTING ZONAL ATRR (W/O INCENTIVES)	(Line 4- Line 9)	170,913,628	80,494,141	90,419,487
11	INCENTIVE REVENUE REQUIREMENT FOR ZONAL PROJECTS	(TCOS Line 13)	-	-	-
12	RATE YEAR ZONAL ATRR (W/ INCENTIVES)	(Line 10 + Line 11)	170,913,628	80,494,141	90,419,487
12A	PRIOR YEAR TRUE UP (2017 Inclinding Interest)	True Up Workpaper	2,846,910	978,005	1,868,905
12B	RATE YEAR ZONAL ATRR (W/ INCENTIVES) INCLUDING PRIOR YEAR TRUE UP	(Line 12 + Line 12A)	173,760,538	81,472,146 46.888%	92,288,392 53.112%
13	Actual/Projected Rate Year AEP West Zone Average 12-Mo. Peak Demand, MW	(Load WS, In 33)	8,394	8,394	8,394
14	Monthly NITS Rate in \$/MW - Month	(Line 12 / Line 13) /12	1,725.05	808.83	916.21

AEP - SPP Formula Rate Actual/Projected NITS Rates Page: 2 of 59

AEP West SPP Member Operating Companies Calculation of Actual/ Projected Zonal Rate For Schedule 9 For the 2019 Rate Year

SPP Zone 1 Actual/ Projected AEP Revenue Requirements

Line No.	OTT ZONE T ACIDAL TO JOSECU AL	-i Rovonao Roquilomonio	AEP Annual Revenue Requirement	PSO Annual Revenue Requirement	SWEPCO Annual Revenue Requirement
A. Netwo	ork Service				
1	RATE YEAR REVENUE REQUIREMENT (w/o incentives)	(TCOS Line 1)	268,898,410	\$94,141,628	\$174,756,782
2	LESS: REVENUE CREDITS	(TCOS Line 2)	13,379,665	\$6,362,727	\$7,016,938
3	NETWORK CUSTOMER OWNED FACILITY CREDITS	(TCOS Line 3)	\$0	\$0	\$0
4	RATE YEAR ZONE 1 AEP NETWORK SERVICE REVENUE REQUIREMENT	(TCOS Line 4)	\$255,518,746	\$87,778,901 34.353%	\$167,739,845 65.647%
5	LESS: REVENUE REQUIREMENTS INCLUDED IN LINE 1 FOR:			01.00070	00.01170
6	BASE PLAN UPGRADES (W/O INCENTIVES)	(TCOS Line 5)	84,605,118	7,284,760	77,320,358
7	REQUESTED UPGRADES (W/O INCENTIVES)	(Worksheet F/G)	· · · · · -	, , , , <u>-</u>	, , , , , , , , , , , , , , , , , , ,
8	ECONOMIC UPGRADES (W/O INCENTIVES)	(Worksheet F/G)		-	
9	SUBTOTAL		84,605,118	7,284,760	77,320,358
10	EXISTING ZONAL ATRR (W/O INCENTIVES)	(Line 4- Line 9)	170,913,628	80,494,141	90,419,487
11	INCENTIVE REVENUE REQUIREMENT FOR ZONAL PROJECTS	(TCOS Line 13)	-	-	-
12	RATE YEAR ZONAL ATRR (W/ INCENTIVES)	(Line 10 + Line 11)	170,913,628	80,494,141	90,419,487
13	Actual/Projected Rate Year AEP West Zone Average 12-Mo. Peak Demand, MW	(Load WS, In 33)	8,394	8,394	8,394
14	Monthly NITS Rate in \$/MW - Month	(Line 12 / Line 13) /12	1,696.78	799.12	897.66

AEP - SPP Formula Rate Schedule 1 Rates Page: 3 of 59

PSO Annual

SWEPCO Annual

AEP West SPP Member Operating Companies Utilizing FERC Form 1 Data For rates effective January 1, 2019

SPP SCHEDULE 1 AEP Revenue Requirements

(Line 8 / 8760)

AEP Annual

\$0.02

	Line No.			Revenue Requirement	Revenue Requirement	Revenue Requirement
Α.	Schedul	le 1 ARR For 2019 Rate Year				
	1	Total Load Dispatch & Scheduling (Account 561) (TCOS Line 65)		\$33,182,570	\$16,315,681	\$16,866,889
	2	Less: Load Dispatch - Scheduling, System Control and Dispatch Services (321.88.b)		\$28,914,675	\$14,495,833	\$14,418,842
	3	Less: Load Dispatch - Reliability, Planning & Standards Development Services (321.92.b)		\$2,268,000	\$1,140,000	\$1,128,000
	4	Total 561 Internally Developed Costs	(Line 1 - Line 2 - Line 3)	\$1,999,895	\$679,848	\$1,320,047
	5	Less: PTP Service Credit (prior year Sched 1 revenue from PTP transactions)		373,081	\$169,877	\$203,204
	6	ZONAL ARR FOR RATE YEAR	(Line 4 - Line 5)	\$1,626,814	\$509,971	\$1,116,843
					31.348%	68.652%
B.	Schedul	le 1 2019 Rate Year Calculations				
	7	Rate Year AEP West Zone SPP Average 12-Mo. Peak Demand	(Load WS, In 20)	8,394 M	IW	
	8	Annual Point-to-Point Rate in \$/MW - Year	(Line 6 / Line 7)	\$193.81		
	9	Monthly Point-to-Point Rate (In 8 / 12) \$/MW - Month	(Line 8 / 12)	\$16.15		
	10	Weekly Point-to-Point Rate (ln 8 / 52) \$/MW - Weekly	(Line 8 / 52)	\$3.73		
	11	Daily Off-Peak Point-to-Point Rate (In 8 / 365) \$/MW - Day	(Line 8 / 365)	\$0.53		
			, , , , , , , , , , , , , , , , , , , ,	<u>.</u>		

Hourly Off-Peak Point-to-Point Rate (In 8 / 8760) \$/MW - Hour

12

45,868 - - 86,635

AEP Transmission Formula Rate Template Calculation of Schedule 11 Revenue Requirements For AEP Transmission Projects For Projected Year 2019

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

PUBLIC SERVICE COMPANY OF OKLAHOMA

Note: Project's whose investment cost do NOT meet SPP's \$100,000 threshold for 'regional' socialization are marked with an asterik "*" as SPP will only collect those ATRRs from the zone.

(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	9 From WS-F			True-Up ARR	CY 2017 From Wo	rksheet	G				
								Base	e ARR			Incentive	ARR			
Sheet Name	Owner	Project Description	Year in Service	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	True- up	As Billed	<u>Change</u>	<u>Interest</u>	<u>Total Adjustments</u> (Forecast, Billing, & Interest)	Total ADJUSTED Revenue Requirement Effective 1/1/2019
P.001	PSO	Riverside-Glenpool (81-523) Reconductor	2009	102,570	-	102,570	167	108,625	107,850	775	-	-	-	628	1,570	106,703
P.002	PSO	Craig Jct. to Broken Bow Dam 138 Rebuild (7.7mi)	2009	532,941	-	532,941	5,769	569,389	565,325	4,064	-	-	-	6,553	16,386	562,610
P.003	PSO	WFEC New 138 kV Ties: Sayre to Erick (WFEC) Line & Atoka and Tupelo station work	2009	1,310,791	-	1,310,791	8,501	1,395,040	1,385,083	9,957	-	-	-	12,300	30,757	1,374,280
P.004	PSO	Cache-Snyder to Altus Jct. 138 kV line (w/2 ring bus stations)	2008	1,638,223	-	1,638,223	(1,994)	1,732,229	1,719,866	12,363	-	-	-	6,910	17,279	1,696,672
P.005	PSO	Catoosa 138 kV Device (Cap. Bank)	2006	41,810	-	41,810	317	44,547	44,229	318	-	-	-	423	1,058	43,894
P.006	PSO	Pryor Junction 138/69 Upgrade Transf	2008	170,177	-	170,177	1,038	181,020	179,728	1,292	-	-	-	1,553	3,882	178,283
P.007	PSO	Elk City - Elk City 69 kV line (CT Upgrades)*	2007	9,409	-	9,409	36	9,986	9,914	71	-	-	-	72	179 *	9,821
P.008	PSO	Weleetka & Okmulgee Wavetrap replacement 81-805*	2006	6,060	-	6,060	113	6,524	6,478	47	-	-	-	106	266 *	6,475
P.009	PSO	Tulsa Southeast Upgrade (repl switches)*	2007	7,989	-	7,989	141	8,592	8,531	61	-	-	-	135	337 *	8,523
P.010		,	2010	11,204	-	11,204	107	11,954	11,868	85	-	-	-	128	321	11,806
P.011	PSO	Bartlesville SE to Coffeyville T Rebuild	2011	165,913	-	165,913	1,120	176,532	175,272	1,260	-	-	-	1,586	3,966	174,058
P.012	PSO	Canadian River - McAlester City 138 kV Line Conversion	2012	403,446	-	403,446	1,187	427,589	424,537	3,052	-	-	-	2,825	7,064	420,760
P.013	PSO	CoffeyvilleT to Dearing 138 kv Rebuild - 1.1 mi*	2010	2,667	-	2,667	15	2,835	2,815	20	-	-	-	23	58	2,793
P.014	PSO	Ashdown West - Craig Junction	2013	117,696	-	117,696	10,278	167,053	165,861	1,192	-	-	-	7,644	19,114	139,744
P.015	PSO	Locust Grove to Lone Star 115 kV Rebuild 2.1 miles	2014	279,099	-	279,099	1,635	297,530	295,407	2,124	-	-	-	2,504	6,263	292,485
P.016	PSO	Cornville Station Conversion	2014	637,219	-	637,219	4,015	678,593	673,750	4,843	-	-	-	5,903	14,761	668,299
P.017	PSO	Grady Customer Connection	2015	216,742	-	216,742	1,342	221,275	219,696	1,579	-	-	-	1,947	4,868	227,184
P.018	PSO	Darlington-Red Rock 138 kV line	2014	215,061	-	215,061	4,038	231,624	229,971	1,653	-	-	-	3,792	9,483	230,038
P.019	PSO	Valliant-NW Texarkana 345 kV	2017	175,351	-	175,351	(269)	105,642	104,888	754	-	-	-	323	808	180,693
P.020	PSO	Sayre 138 kV Capacitor Bank Addition	2017	153,019	-	153,019	41,572	30,733	30,514	219	-	-	-	27,849	69,641	226,638
P.021		Darlington-Roman Nose 138 kV	2017	34,470	-	34,470	5,013	19,338	19,200	138	-	-	-	3,433	8,584	43,946
P.022	PSO	Northeastern Station 138 kV Terminal Upgrades	2018	32,701	-	32,701	-	-	-	-	-	-	-	-	-	33,551
P.023		Elk City 138 KV Move Load	2018	273,321	-	273,321	-	-		-	-	-	-	-	-	280,427
P.024	PSO	Fort Townson-Valliant Line Rebuild	2019	73,420	-	73,420	-	-	-	-	-	-	-	-	-	73,420
P.025	PSO	Duncan-Comanche Tap 69 KV Rebuild and Duncan station upgrades	2018	162,969	-	162,969	-			-	-	-	-	-	-	167,205
P.026	PSO	Tulsa Southeast - E. 61st St 138 kV Rebuild	2019	280,481	-	280,481	-			-	-	-	-	-	-	289,443
P.027	PSO	Broken Arrow North-Lynn Lane East 138 kV	2019	230,013	-	230,013	-			-	-	-	-	-	-	237,362

7,284,760 - 7,284,760 # 84,142 6,426,650 6,380,782

^{*&}lt;\$100K investment

AEP Transmission Formula Rate Template Calculation of Schedule 11 Revenue Requirements For AEP Transmission Projects For Projected Year 2019

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 2019 From WS-F

Base ARR

Incentive ARR

							Da	SE AKK			incentive	AKK			
Sheet Name	Owner 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	True- up	As Billed	<u>Change</u>	Interest	Total Adjustments (Forecast, Billing, & Interest)	Total ADJUSTED Revenue Requirement Effective 1/1/2019
S.001 S.002	SWE Arsenal Hill Auto xfmr & AH to Water Works line SWE SW Shreveport (sub work & tap)	2009 2009	1,767,152 810,810	-	1,767,152 810,810	(19,038) 2,988	2,076,341 961,731	1,987,492 920,577	88,848 41,153	-	-	-	23,021 14,556	92,831 58,697	1,905,509 890,166
S.003	SWE [NW Ark Area Improve - 2009] E. Centerton-Flint Crk, E Rogers-N Rogers, Centerton	2009	1,371,566	-	1,371,566	(31,219)	1,599,053	1,530,628	68,425	-	-	-	12,269	49,475	1,456,355
S.004	SWE Rebuild N. Magazine - Danville 161 kV Line	2009	1,151,409	-	1,151,409	(22,742)	1,345,038	1,287,482	57,555	-	-	-	11,480	46,294	1,227,315
S.005	SWE [Greenwood, AR Area Improve] N Huntington, Greenwood, Reeves, Bonanza	2009	298,216	-	298,216	(3,253)	350,359	335,367	14,992	-	-	-	3,871	15,611	321,510
S.006	SWE Port Robson-Caplis Line (SW 138 kV Loop 2009)	2009	3,799,504	_	3,799,504	(8,206)	4,488,582	4,296,512	192,070	_	_	_	60,632	244,497	4,142,641
S.007	SWE Linwood 138 Station Switch Replacement*	2009	7,661	_	7,661	(63)	9,017	8,631	386	_	_	_	107	430 *	8,287
	Dyoss to S. Egyottovillo 69 kV Convert to 161 kV (multi-														
S.008	projects)	2008	934,479	-	934,479	(909)	1,105,096	1,057,808	47,288	-	-	-	15,294	61,674	1,019,985
S.009	SWE Northwest Texarkana-Bann-Alumax Tap 138kV reconductor	2008	276,575	-	276,575	(6,284)	322,480	308,681	13,799	-	-	-	2,478	9,994	293,652
S.010	SWE Tontitown - Elm Springs REC 161 kV line***	2008	-	-	-	-	-	-	-	-	-	-	-	-	-
S.011	SWE Siloam Springs - Chamber Springs 161 kV line***	2007	-	-	-	-	-	-	-	-	-	-	-	-	-
S.012	SWE Knox Lee - Oak Hill #2 138 kV line, S. Shreveport (SWE Minor Proj II)	2007	18,067	-	18,067	(539)	20,968	20,071	897	-	-	-	118	477	19,005
S.013	SWE Carthage REC - Carthage T 138 kV	2006	552,385	-	552,385	-	653,250	625,296	27,953	-	-	-	9,218	37,171	603,625
S.014	SWE NW Henderson - Oak Hill 138 kV line*	2007	7,887	-	7,887	(88)	9,266	8,870	397	-	-	-	102	411 *	8,499
S.015	SWE Arsenal Hill 138kV Device (Cap. Bank)	2007	34,874	-	34,874	(714)	40,731	38,988	1,743	-	-	-	339	1,369	37,123
S.016	SWE Daingerfield - Jenkins REC 69 kV CB Repl**	2008	38,329	-	38,329	241	45,535	43,587	1,948	-	-	-	722	2,911	42,223
S.017	SWE Linwood-McWillie 138 kV Rebuild	2008	189,756	-	189,756	(3,962)	221,524	212,045	9,479	-	-	-	1,820	7,337	201,940
S.018	SWE Port Robson (SW 138 kV Loop 2008)	2009	-	-	-	-	-	-	-	-	-	-	-	-	-
S.019	SWE Wallace Lake-Prt Robson-Red Point 138 kV Loop	2008	436,084	-	436,084	(9,682)	508,897	487,121	21,776	-	-	-	3,988	16,082	463,307
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	165,581	-	165,581	(870)	195,238	186,883	8,354	-	-	-	2,468	9,952	179,809
S.022	SWE Longwood: r&r switches, upgrade bus	2010	20,861	-	20,861	(270)	24,475	23,428	1,047	-	-	-	256	1,033	22,434
S.023	SWE Reconductor: Greggton-Lake Lamond & Quitman- Westwood 69 kV lines	2010	485,788	-	485,788	(5,870)	570,270	545,867	24,402	-	-	-	6,112	24,644	522,997
S.024	SWF Rebuild/reconductor Dyess-Elm Springs REC [Dyess	2010	531,716	_	531,716	(6,143)	624,400	597,681	26,719	_	-	_	6,785	27,361	572,827
0.005	Station-Flint Creek]	0040			0.440		40.000	40.005	450				440		
S.025	SWE Replace switch at Diana*	2010	9,118	-	9,118	(123)	10,693	10,235	458	-	-	-	110	445 *	9,799
S.026	SWE Whitney repl CB and Switches	2011	26,174	-	26,174	(738)	30,401	29,100	1,301	-	-	-	186	748 *	27,607 48,072
S.027 S.028	SWE Linwood - Powell Street 138 kV SWE Bloomburg-Texarkana Plant	2012 2012	44,709	-	44,709	(596)	52,437	50,193 627,696	2,244 28,060	-	-	-	543 6,835	2,191 * 27,560 *	601,308
3.020	Knox Lee - Pirkey 138 kV / Pirkey - Whitney 138 kV -	2012	559,092	-	559,092	(7,335)	655,757	027,090	20,000	-	-	-	0,033	21,300	001,300
S.029	SWE Replace Breaker, Wavetraps, and reset relays and	2012	202,158	-	202,158	(2,950)	236,873	226,737	10,136	-	-	-	2,370	9,556 *	217,031
S.030	CT's SWE NW Texarkana - Turk 345	2012	5,084,324	_	5,084,324	(75,353)	5,956,553	5,701,667	254,886	_	_	_	59,204	238,738 *	5,456,533
S.031	SWF Lone Star South - Pittsburg 138 kV - Replace	2012	24,453	-	24,453	(278)	28,713	27,484	1,229	-	-	-	313	1,264 *	26,357
C 022	Wavetraps, reset CT's and Relays	2042	440 775		110 775		E40.000	407 E05	22.244				F 100	20.602 *	476,094
S.032 S.033	SWE Howell-Kilgore 69 kV rebuild SWE Flint Creek-Shipe Road 345 kV Line	2012 2012	443,775	-	443,775	(6,691)	519,829	497,585 7,278,571	22,244	-	-	-	5,129	20,682 *	476,094 6,966,769
S.033 S.034	SWE Bann - LS Ordnance - Hooks 69 kV - Rebuild 7.1 mi	2012	6,492,529 934,465	-	6,492,529 934,465	(97,830) (14,420)	7,603,950 1,091,781	1,045,062	325,379 46,718	-	-	-	75,038 10,651	302,587 * 42,950 *	1,002,071
3.034	OVVE Danin - LO Ordinande - Hooks us KV - Nebuliu 7.1 IIII	2013	304,400	-	304,400	(14,420)	1,031,701	1,040,002	40,710	-	=	-	10,001	42,300	1,002,071

AEP Transmission Formula Rate Template Calculation of Schedule 11 Revenue Requirements For AEP Transmission Projects For Projected Year 2019

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 2019 From WS-F True-Up ARR From 2017 From Worksheet G

							Ва	se ARR			Incentive	ARR			
Sheet Name		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	True- up	As Billed	<u>Change</u>	<u>Interest</u>	Total Adjustments (Forecast, Billing, & Interest)	Total ADJUSTED Revenue Requirement Effective 1/1/2019
S.035	•	2013	472,564	-	472,564	(7,779)	543,536	520,278	23,258	-	-	-	5,104	20,583 *	505,619
S.036	SW Shrayanort to Spring Ridge REC 138 kV Line	2013	707,805	-	707,805	(21,829)	793,379	759,430	33,949	-	-	-	3,997	16,117 *	742,695
S.037	Rebuild	2013	548,891	-	548,891	(8,781)	639,722	612,348	27,374	-	-	-	6,131	24,725 *	588,101
S.038	Rebuild 2.5 miles of 138 KV	2013	285,789	-	285,789	(3,551)	338,190	323,718	14,471	-	-	-	3,601	14,521 *	307,846
S.039	SWE Ashdown West - Craig Junction 138KV Rebuild (tie w/PSO)	2013	465,443	-	465,443	(6,842)	545,257	521,925	23,332	-	-	-	5,438	21,928 *	499,626
S.040 S.041	· ·	2014 2014	1,065,892 546,158	-	1,065,892 546,158	(16,090) (8,094)	1,250,367 645,114	1,196,863 617,509	53,504 27,605	-	-	-	12,338 6,434	49,752 * 25,946 *	1,143,902 586,639
S.041	Northwest Handerson to Pounter 60 kV Pobuild 3.2	2014	587,930	- -	587,930	(9,922)	684,403	655,117	29,286	-	-	-	6,386	25,749 *	629,287
S.042	miles Diana to Perdue 138 kV Rebuild 21.8 miles; Station	2014	1,656,691	_	1,656,691	(36,317)	1,933,259	1,850,533	82,726		_	_	15,304	61,713 *	1,762,477
	Upgrades at Diana and Perdue			_						_	_	_			
S.044	5	2007	2,776,247	-	2,776,247	573,184	3,760,502	3,599,587	160,915	-	-	-	242,082	976,181 *	3,822,901
S.045		2007	249,361	-	249,361	57,700	342,904	328,231	14,673	-	-	-	23,866	96,240 *	351,896
S.046		2008	1,575,825	-	1,575,825	296,721	2,110,843	2,020,519	90,325	-	-	-	127,635	514,681 *	2,130,665
S.047		2012	83,085	-	83,085	5,407	102,833	98,433	4,400	-	-	-	3,234	13,041 *	98,300
S.048		2010	16,176	-	16,176	2,027	20,826	19,935	891	-	-	-	962	3,881 *	20,475
S.049		2010	2,373	-	2,373	394	3,028	2,898	130	-	-	-	173	696 *	3,131
S.050		2015	1,814,670	-	1,814,670	(7,943)	2,199,664	2,105,538	94,125	-	-	-	28,420	114,603 *	1,977,701
S.051	•	2015	622,066	-	622,066	3,739	749,467	717,397	32,070	-	-	-	11,809	47,618 *	686,328
S.052	, ,	2015	1,361,979	-	1,361,979	(20,284)	1,638,469	1,568,358	70,111	-	-	-	16,432	66,259 *	1,464,578
S.053	,	2015	656,099	-	656,099	(9,999)	789,433	755,652.18	33,780	-	-	-	7,842	31,624 *	705,268
S.054		2015	1,583,803	-	1,583,803	(24,079)	1,896,205	1,815,065	81,140	-	-	-	18,817	75,878 *	1,702,035
S.055	·	2016	1,085,625	-	1,085,625	(16,915)	876,829	839,309	37,520	-	-	-	6,795	27,400 *	1,142,149
S.056	· .	2016	180,668	-	180,668	(3,251)	187,105	179,099	8,006	-	-	-	1,568	6,324 *	191,842
S.057		2016	142,548	-	142,548	(2,289)	117,335	112,314	5,021	-	-	-	901	3,632 *	150,005
S.058		2016	2,920,606	-	2,920,606	(31,514)	2,391,381	2,289,052	102,329	-	-	-	23,352	94,167 *	3,093,131
S.059		2017	1,879,734	-	1,879,734	(1,110,026)	2,289,490	2,191,521	97,969	-	-	-	(333,743)	,	584,484
S.060	SWE Valliant-NW Texarkana 345 kV	2016	11,685,983	-	11,685,983	(577,322)	19,228,049	18,405,265	822,784	-	-	-	80,946	326,408 *	12,326,650
S.061	SWE Messick 500/230 kV	2016	6,861,564	-	6,861,564	498,954	4,553,762	4,358,902	194,859	-	-	-	228,797	922,610 *	7,968,036
S.062	·	2017	139,911	-	139,911	3,145	86,332	82,638	3,694	-	-	-	2,255	9,094 *	152,777
S.063	SWE Brooks Street - Edwards Street 69 kV Line Rebuild	2017	656,695	-	656,695	(109,391)	341,200	326,600	14,600	-	-	-	(31,259)	(126,050) *	548,390
S.064		2017	1,892,111	-	1,892,111	427,917	801,461	767,166	34,295	-	-	-	152,422	614,634 *	2,557,873
S.065	5	2017	218,779	-	218,779	34,621	113,671	108,807	4,864	-	-	-	13,021	52,506 *	277,197
S.066	SWE Broadmoor - Fort Humbug Rebuild	2017	766,025	-	766,025	68,049	398,005	380,974	17,031	-	-	-	28,057	113,137 *	899,861

AEP Transmission Formula Rate Template Calculation of Schedule 11 Revenue Requirements For AEP Transmission Projects For Projected Year 2019

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 A	RR For 2019	From WS-F			True	e-Up ARR From 20	17 From	Workshe	et G			
								Ba	se ARR			Incentive	ARR			
Sheet Name	<u>Owner</u>	Project Description	Year in Service	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	True- up	As Billed	<u>Change</u>	<u>Interest</u>	Total Adjustments (Forecast, Billing, & Interest)	Total ADJUSTED Revenue Requirement Effective 1/1/2019
S.067	SWE Chamb	per Springs - Farmington 161 kV Line	2017	1,081,638	-	1,081,638	97,867	720,922	690,073	30,849	-	-	-	42,446	171,163 *	1,281,924
S.068	SWE Eversion	de - Northwest Henderson 69KV Line Rebuild	2018	1,170,030	-	1,170,030	-		-	-	-	-	-	-	- *	1,201,711
S.069	SWE Hallsvi	lle - Longview Heights 69 KV Line Rebuild	2018	1,096,709	-	1,096,709	-		-	-	-	-	-	-	- *	1,126,380
S.070	SWE Linwoo	d - South Shreveport 138 KV Line Rebuild	2018	949,668	-	949,668	-		-	-	-	-	-	-	- *	975,392
S.071	SWE IPC 13	8 KV Capacitor Bank Addtion	2018	205,595	-	205,595	-		-	-	-	-	-	-	- *	211,177
S.072	SWE Ellerbe	Road - Lucas 69 kV Rebuild	2019	396,082	-	396,082	-		-	-	-	-	-	-	- *	409,379
S.073	SWE Siloam	Springs - Siloam Springs City 161 kV Rebuild	2019	192,043	-	192,043	-		-	-	-	-	-	-	- *	198,490
		SWEPCO Total	-	77,320,358		77,320,358	(285,430)	84,452,178	80,838,398	3,613,780				1,097,582	4,425,932	\$ 83,797,163

^{*&}lt;\$100K investment,

AEP Companies: PSO and SWEPCO Network Load for January Through December YYYY Based on West Zone-SPP Monthly Transmission System Firm Peak Demands for the Twelve Months Ended December 31, YYYY

Combined Load Worksheet

Unless noted (e.g., PSO), the loads reported on lines 1 through 20 are the customer's schedule 9 and 11 load.

Line	Peak Day Peak Hou	January y Day	February Day Hour	March Day Hour	April Day Hour	May Day Hour	June Day Hour	July Day Hour	August Day Hour	September Day Hour	October Day Hour	November Day Hour	December Day Hour			12 Month Average
	PP Load Responsibility	i iloui	Hour	Tioui	noui	Hour	noui	Hour	Hou	rioui	Hour	rioui	Hour			MW
No. SI	PSO (2)	3179	2790	2269	2377	3598	3911	4095	3816	3735	2962	2243	2828	3,150.3	37.5%	3150
2	SWEPCO excl Valley (2)	3412	2790 2793	2329	2317	3371	3564	3727	3472	3457	3234	2406	2681	3,063.6	36.5%	3064
3	AECC (3)	776	589	486	347	611	683	731	634	629	452	310	535	565.3	6.7%	565
4	AECC-MISO	175	135	117	98	173	187	202	181	172	195	118	241	166.2	2.0%	166
5	WFEC (3)	47	41	34	23	36	38	42	37	36	31	27	42	36.2	0.4%	36
6	OMPA (3)	99	84	68	74	138	149	160	143	130	85	68	89	107.3	1.3%	107
7	OG&E - ATOKA (3)	5	0	5	0	5	2	2	3	0	2	3	5	2.7	0.0%	3
8	OG&E _ COALGATE (3)	4	0	3	0	3	2	2	2	0	2	1	3	1.8	0.0%	2
9	OG&E - TALL BEAR (3)	12	12	14	15	15	15	15	13	13	13	13	14	13.7	0.2%	14
10	ETEC (3)	1273	862	708	491	796	864	886	827	800	731	504	900	803.5	9.6%	804
11	GREENBELT (3)	9	7	6	8	11	14	18	15	7	3	6	8	9.3	0.1%	9
12	LIGHTHOUSE (3)	2	2	1	1	4	3	4	6	2	1	1	2	2.4	0.0%	2
13	BENTONVILLE, AR (3)	126	103	92	86	139	158	162	144	150	116	85	108	122.4	1.5%	122
14	PRESCOTT, AR (3)	9	9	9	10	9	14	15	14	13	13	11	7	11.1	0.1%	11
15	MINDEN, LA (3)	25	21	18	21	34	37	38	35	36	30	20	21	28.0	0.3%	28
16	HOPE, AR (3)	45	43	39	39	56	57	56	56	55	51	17	36	45.8	0.5%	46
17	COFFEYVILLE, KS (3)	104	98	90	61	102	106	108	104	110	87	93	98	96.8	1.2%	97
18	SWEPCO - VALLEY	204	131	109	84	134	132	143	120	127	124	85	142	127.9	1.5%	128
19	AECI	50	44	31	23	42	48	53	45	43	32	18	45	39.5	0.5%	40
20 S y	stem Firm Peak Demands	9556	7764	6428	6075	9277	9984	10459	9667	9515	8164	6029	7805	8393.583 Sch	ned - 9 12CP	8394 `
	Supporting Data															
21 P S		3193	2804	2280	2387	3613	3923	4107	3831	3749	2973	2254	2841			
22	KAMO	0	0	0	0	0	0	0	0	0	0	0	0			
23	GRDA load on PSO no longer used as of Dec 2015 (5)	-	-	-	-	-	-	-	-	-	-	-	-			
24	PSO E&W portion allocated to WFEC zone	0	0	0	0	0	0	0	0	0	0	0	0			
25	100% PSO E&W included in PSO native load	-7	-7	-6	-6	-7	-6	-6	-6	-6	-7	-7	-7			
26	Allen Holdenville	-7	-7	-5	-4	-7	-6	-6	-9	-8	-4	-4	-6			
27	PSO OATT Load Responsibility	3179	2790	2269	2377	3599	3911	4095	3816	3735	2962	2243	2828	3150.333		3150
28 S \	NEPCO:															
29	SWEPCO Native Load (2)(5)	3616	2924	2438	2401	3505	3696	3870	3592	3584	3358	2491	2823			
30	Dolet Hills Aux. Load (not self-generated)	0	0	0	0	0	0	0	0	0	0	0	0			
31	Less: VALLEY	-204	-131	-109	-84	-134	-132	-143	-120	-127	-124	-85	-142			
32	SWEPCO OATT Load Responsibility	3412	2793	2329	2317	3371	3564	3727	3472	3457	3234	2406	2681	3063.583		3064
													_	0.1		
33 TC	OTAL AEP Affiliate Schedule 11 Load													pr yr Scr	ned - 11 12CP	8394
	50.0															
	EP Schedule 11 Worksheet	_														
34	PSO OATT Sched 9 load, Ln 1	3179	2790	2269	2377	3598	3911	4095	3816	3735	2962	2243	2828	3150.250		3150
35	less GRDA load on PSO Jan-Nov(b) 2015 no longer used	0	0	0	0	0	0	0	0	0	0	0	0	0.000		0
36	WFEC load already subtracted from PSO schedule 9 lo	oa 0	0	0	0	0	0	0	0	0	0	0	0	0.000		0
37	Subtotal PSO Schedule 11 load	3179	2790	2269	2377	3598	3911	4095	3816	3735	2962	2243	2828	3150.250		3150
38	SWEPCO Sched 11 load, Ln 2	3412	2793	2329	2317	3371	3564	3727	3472	3457	3234	2406	2681	3063.583		3064
39	TOTAL AEP Affiliate Schedule 11 Load	6591	5583	4598	4694	6969	7475	7822	7288	7192	6196	4649	5509	6213.833		6214
40	TOTAL AEP ZONAL SCHEDULE 11	9556		6428		9277				9515						02
40	TOTAL AEF ZUNAL SUMEDULE TI	9056	7764	0428	6075	9211	9984	10459	9667	9015	8164	6029	7805	8393.583		

NOTES:

- (1) Amounts are 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] PSO Native load includes PSO load on GRDA
- (5) SWEPCO Native Load includes Valley

PUBLIC SERVICE COMPANY OF OKLAHOMA

Line No.						Tr	ansmission Amount
1	REVENUE REQUIREMENT (w/o incentives)	(ln 115)	-				\$94,141,628
2	REVENUE CREDITS	(Note A) (Worksheet H)	Total 6,362,727	DA Allo	1.00000	\$	6,362,727
3	Network Customer Owned Facility Credits	Worksheet B					-
4	REVENUE REQUIREMENT For All Company Facilities	(In 1 less In 2 plus In 3)					\$87,778,901
	The Carrying Charge Calculations on lines 7 to 12 below a requirement for these projects shown on line 5 is include		billed through SPP Schedule 11. The total n	on-incentive			
5	Trued-Up / Projected Revenue Requirement for SPP BPU Re (Worksheet F/G)	egional Facilities (w/o incentives)	7,284,760	DA	1.00000	\$	7,284,760
6	NET PLANT CARRYING CHARGE (w/o incentives) (Note B)						
7	Annual Rate	(In 1/ In 37 x 100%)					14.48%
8	Monthly Rate	(ln 7 / 12)					1.21%
9	NET PLANT CARRYING CHARGE ON LINE 7, W/O DEPRE	ECIATION (w/o incentives) (Note B)					
10	Annual Rate	((ln 1 - ln 84) / ln 37 x 100%)					11.17%
11	NET PLANT CARRYING CHARGE ON LINE 9, W/O INCOM	IE TAXES, RETURN (Note B)					
12	Annual Rate	((ln 1 - ln 84 - ln 109 - ln 110) / ln 37 x 100%)					4.42%
13	ADDITIONAL REVENUE REQUIREMENT for projects w/ ince	entive ROE's (Note C) (Worksheet F/G)					-

PUBLIC SERVICE COMPANY OF OKLAHOMA

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

		Data Sources				Total
Line	RATE BASE CALCULATION	(See "General Notes")	<u>TO Total</u> NOTE D	Alloc	<u>ator</u>	<u>Transmission</u>
No.	GROSS PLANT IN SERVICE		- 11012			
14	Production	(Worksheet A In 3.E)	1,555,683,571	NA	0.00000	-
15	Less: Production ARO (Enter Negative)	(Worksheet A In 6.E)	(36,352,139)	NA	0.00000	-
16	Transmission	(Worksheet A In 9.E & Ln 119)	926,734,833	DA		853,354,839
17	Less: Transmission ARO (Enter Negative)	(Worksheet A In 12.E)	-	TP	0.92082	-
18	Distribution	(Worksheet A In 13.E)	2,661,179,611	NA	0.0000	_
19	Less: Distribution ARO (Enter Negative)	(Worksheet A In 14.E)	_,,	NA	0.0000	_
20	General Plant	(Worksheet A In 15.E)	169,199,328	W/S	0.08118	13,735,755
21	Less: General Plant ARO (Enter Negative)	(Worksheet A In 16.E)	(556,590)	W/S	0.08118	(45,184)
22	Intangible Plant	(Worksheet A In 17.E)	142,400,719	W/S	0.08118	11,560,219
23	TOTAL GROSS PLANT	(sum Ins 14 to 22)	5,418,289,333	GP=	0.16216	878,605,628
23	TOTAL GROSS PLANT	(Sulli IIIS 14 to 22)	5,410,209,333	GTD=	0.25829	676,005,026
24	ACCUMULATED DEPRECIATION AND AMORTIZATION	I				
25	Production	(Worksheet A In 22.E)	809,499,594	NA	0.00000	-
26	Less: Production ARO (Enter Negative)	(Worksheet A In 25.E)	(13,111,738)	NA	0.00000	-
27	Transmission	(Worksheet A In 28.E & 47.E)	230,246,506	TP1=	0.88210	203,101,045
28	Less: Transmission ARO (Enter Negative)	(Worksheet A In 31.E)	-	TP1=	0.88210	
29	Distribution	(Worksheet A In 32.E)	643,807,828	NA	0.00000	_
30	Less: Distribution ARO (Enter Negative)	(Worksheet A In 33.E)	-	NA	0.00000	_
31	General Plant	(Worksheet A In 33.E)	46,813,516	W/S	0.08118	3,800,364
32		(Worksheet A In 35.E)	(415,844)	W/S	0.08118	
33	Less: General Plant ARO (Enter Negative) Intangible Plant	(Worksheet A In 36.E)	` ' '	W/S	0.08118	(33,759)
	TOTAL ACCUMULATED DEPRECIATION	,	56,235,934	VV/3	0.00110	4,565,284
34	TOTAL ACCOMULATED DEPRECIATION	(sum Ins 25 to 33)	1,773,075,796			211,432,934
35	NET PLANT IN SERVICE					
36	Production	(In 14 + In 15 - In 25 - In 26)	722,943,576			-
37	Transmission	(In 16 + In 17 - In 27 - In 28)	696,488,328			650,253,794
38	Distribution	(ln 18 + ln 19 - ln 29 - ln 30)	2,017,371,783			-
39	General Plant	(ln 20 + ln 21 - ln 31 - ln 32)	122,245,067			9,923,965
40	Intangible Plant	(In 22 - In 33)	86,164,784			6,994,935
41	TOTAL NET PLANT IN SERVICE	(sum Ins 36 to 40)	3,645,213,537	NP=	0.18303	667,172,694
						, ,
42	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note E)				
43	Account No. 281.1 (enter negative)	272-273.8.k	-	NA		_
44	Account No. 282.1 (enter negative)	(Worksheet C, In 4 C & In 8 J)	(1,015,185,891)	DA		(164,460,894)
45	Account No. 283.1 (enter negative)	(Worksheet C, In 12 C & In 14 J)	(244,171,628)	DA		(29,718,652)
46	Account No. 190.1	(Worksheet C, In 18 C & In 22 J)	123,669,008	DA		6,974,594
47	Account No. 255 (enter negative)	(Worksheet C, In 26 C & In 28 J)	(3,565)	DA		-
48	TOTAL ADJUSTMENTS	(sum Ins 43 to 47)	(1,135,692,076)	BA		(187,204,952)
40		(50111 1115 45 10 47)				(107,204,932)
49	PLANT HELD FOR FUTURE USE	(Worksheet A In 48.E & 49.E)	302,647	DA		-
50	REGULATORY ASSETS	(Worksheet A In 55.E)	-	DA		-
51	WORKING CAPITAL	(Note F)				
52	Cash Working Capital	(1/8 * In 68) (Note G)	2,195,322			2,021,494
53	Transmission Materials & Supplies	(Worksheet D, In 3 F)	1,739,929	TP	0.92082	1,602,159
54	A&G Materials & Supplies	(Worksheet D, In 4 F)	244,679	W/S	0.08118	19,863
55	Stores Expense	(Worksheet D, In 5 F)	· -	GP	0.16216	, <u> </u>
56	Prepayments (Account 165) - Labor Allocated	(Worksheet D, In 8 G)	92,521,862	W/S	0.08118	7,511,009
57	Prepayments (Account 165) - Gross Plant	(Worksheet D, In 8 F)	2,460,594	GP	0.16216	398,999
58	Prepayments (Account 165) - Transmission Only	(Worksheet D, In 8 E)	_, .55,55 .	DA DA	1.00000	-
59	Prepayments (Account 165) - Unallocable	(Worksheet D, In 8 D)	(87,039,053)	NA	0.00000	_
60	TOTAL WORKING CAPITAL	(sum Ins 52 to 59)	12,123,333	1 4/ 1	0.0000	11,553,524
		,		_		
61	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note H) (Worksheet E, In 8 B)	(1,050,066)	DA	1.00000	(1,050,066)
62	RATE BASE (sum Ins 41, 48, 49, 60, 61)		2,520,897,375			490,471,199

PUBLIC SERVICE COMPANY OF OKLAHOMA

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

	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	<u>TO Total</u>	<u>Allo</u>	<u>cator</u>	Total <u>Transmission</u>
Line						
No.	OPERATION & MAINTENANCE EXPENSE	004.440.1	454 454 400			
63 64	Transmission	321.112.b	151,151,160			
64 65	Less: Transmission Serving Generation Less: Total Account 561	(Note U) Company Records	16 245 694			
65 66	Less: Account 565	(Note I) 321.84-92.b (Note J) 321.96.b	16,315,681 117,272,903			
67	Plus: Includable 561 and 565 Expenses	Worksheet I In 10	\$0			
68	Total O&M Allocable to Transmission	(Ins 63 - 64- 65 - 66 + 67)	17,562,576	TP	0.92082	16,171,950
00	Total Oxivi Allocable to Transmission	(1113 03 - 04- 03 - 00 + 07)	17,302,370	11	0.92002	10,171,950
69	Administrative and General	323.197.b (Note K, M)	52,318,259			
70	Less: Acct. 924, Property Insurance	323.185.b	1,257,930			
71	Acct. 928, Reg. Com. Exp.	323.189.b	2,394,308			
72	Acct. 930.1, Gen. Advert. Exp.	323.191.b	220,868			
73	Acct. 930.2, Misc. Gen. Exp.	323.192.b	4,225,196			
74	Balance of A & G	(In 69 - sum In 70 to In 73)	44,219,957	W/S	0.08118	3,589,816
75	Plus: Acct. 924, Property Insurance	(In 70)	1,257,930	GP	0.16216	203,980
76	Acct. 928 - Transmission Specific	Worksheet J In 16.(E) (Note L)	-	TP	0.92082	-
77	Acct 930.1 - Only safety related ads -Direct	Worksheet J In 22.(E) (Note L)	-	GP	0.16216	-
78	Acct 930.2 - Misc Gen. Exp Trans	Worksheet J In 28.(E) (Note L)	<u> </u>	DA	1.00000	
79	A & G Subtotal	(sum Ins 74 to 78)	45,477,888			3,793,797
80	TOTAL O & M EXPENSE	(In 68 + In 79)	63,040,463			19,965,746
81	DEPRECIATION AND AMORTIZATION EXPENSE					
82	Transmission	336.7.b	23,388,402			
83	Less: Transmission Serving Generation	(Note U) Company Records				
84	Includable Transmission	(In 82 - In 83)	23,388,402	TP	0.92082	21,536,480
85	General	336.10.b	6,968,938	W/S	0.08118	565,745
86	Intangible	336.1.d	14,001,293	W/S	0.08118	1,136,638
87	TOTAL DEPRECIATION AND AMORTIZATION	(sum Ins 84 to 86)	44,358,633			23,238,862
	TAYER OTHER THAN INCOME	(A.L., A.D.)				
88	TAXES OTHER THAN INCOME	(Note N)				
89	Labor Related	Western Oct B	5.075.574	VV/0	0.00440	470.004
90	Payroll Palata d	Worksheet L, Col. D	5,875,574	W/S	0.08118	476,984
91	Plant Related	Warkshaat L Cal C	40 404 500	CD	0.46046	C
92	Property Non-Allegable Tayon incl. Transmission Serving Con	Worksheet L, Col. C	40,421,500	GP NA	0.16216	6,554,570
93	Non-Allocable Taxes, incl. Transmission Serving Gen.	Worksheet L, Col. F	104.000	NA GP	0.00000	24 450
94	Other	Worksheet L, Col. E	194,000	GP	0.16216	31,458
95	TOTAL OTHER TAXES	(sum Ins 90 to 94)	46,491,074			7,063,013
96	INCOME TAXES	(Note O)				
90 97	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =	(Note O)	25.34%			
98	$EIT = \{((1-3)) \cdot ((1-1)) \} / ((1-3)) = $		22.43%			
99	where WCLTD=(In 139) and WACC = (In 142)		22.4370			
100	and FIT, SIT & p are as given in Note O.					
101	GRCF=1 / (1 - T) = (from In 97)		1.3394			
102	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, In 19.c)	(1,587,956)			
103	Excess / (Deficit) Deferred Income Tax	Company Records (Note O)	(22,631,096)	DA		(1,910,601)
104	Tax Effect of Permanent and Flow Through Differences	Company Records (Note O)	550,410	DA		60,480
	The state of the s		330,110			00, 100
105	Income Tax Prior to Adjustments	(In 98 * In 110)	44,013,567			8,563,374
106	ITC adjustment	(ln 101 * ln 102)	(2,126,834)	NP	0.18303	(389,268)
107	Excess / (Deficit) Deferred Income Tax	(ln 101 * ln 103)	(30,311,033)	DA		(2,558,970)
108	Tax Effect of Permanent and Flow Through Differences	(ln 101 * ln 104)	737,193	DA		81,004
109	TOTAL INCOME TAXES	(sum Ins 105 to 108)	12,312,894			5,696,140
110	RETURN ON RATE BASE (Rate Base*WACC)	(In 62 * In 142)	196,224,537			38,177,867
444	INTEREST ON IRR CONTRIBUTION FOR CONST. (Note E)	(Markahaat E. Ira 2)		DA	4.00000	
111	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note E)	(vvorksneet E, In 2)	-	DA	1.00000	-
440	DEVENUE DECLUDEMENT DEFODE TEVAS ODGOS MASS	CINITAV	000 407 004			04 444 000
112	REVENUE REQUIREMENT BEFORE TEXAS GROSS MAR	GIN TAA	<u>362,427,601</u>			94,141,628
113	(sum Ins 80, 87, 95, 109, 110, 111)					
111	TEXAS GROSS MARGIN TAX (Note P) (Worksheet K)			DA		
114	ILAAS GROSS WARGIN TAX (NOTE P) (WORKSHEEL K)		-	DA		-
115	REVENUE REQUIREMENT INCL GROSS MARGIN TAX	(In 112 + 114)	362,427,601			94,141,628
. 10		\	002,721,001			O 1, 1 7 1, 02 0

PUBLIC SERVICE COMPANY OF OKLAHOMA

SUPPORTING CALCULATIONS

In No. 116 117 118 119	TRANSMISSION PLANT INCLUDED IN SPP TARIFF Total transmission plant Less transmission plant excluded from SPP Tariff (Workshel Less transmission plant included in OATT Ancillary Services Transmission plant included in SPP Tariff							926,734,833 49,567,327 23,812,668 853,354,839
120	Percent of transmission plant in SPP Tariff	(In 119 / In 116)					TP=	0.92082
121 122 123 124 125 126 127	WAGES & SALARY ALLOCATOR (W/S) Production Transmission Regional Market Expenses Distribution Other (Excludes A&G) Total	(Note S) 354.20.b 354.21.b 354.22.b 354.23.b 354.24,25,26.b (sum Ins 122 to 126)	Direct Payroll 25,802,085 3,963,048 - 21,080,498 5,138,391 55,984,022	Payroll Billed from AEP Service Corp. 10,819,590 2,877,440 - 1,917,077 5,992,159 21,606,266	Total 36,621,675 6,840,488 - 22,997,575 11,130,550 77,590,288	NA TP NA NA NA	0.00000 0.92082 0.00000 0.00000 0.00000	6,298,850 - - - - 6,298,850
128	Transmission related amount						W/S=	0.08118
129 130 131 132 133 134 135 136 137	WEIGHTED AVERAGE COST OF CAPITAL (WACC) Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 140) Less Account 216.1 Less Account 219 Common Stock	Long Term Interest (Worksheet M, In. 2 Preferred Stock Dividends (Worksheet (Worksheet M, In. 1, col. (E)) (Worksheet M, In. 2, col. (E)) (Worksheet M, In. 3, col. (E)) (Worksheet M, In. 4, col. (E)) (In 133 - In 134 - In 135 - In 136)						\$ 69,438,631 - Average 1,291,048,808 1,749,152 1,289,299,655
138 139 140 141 142	Avg Long Term Debt (Worksheet M, In. 11, col. (E)) Avg Preferred Stock (Worksheet M, In. 43, col. (E)) Avg Common Stock (In 137) (Note U) Total (sum Ins 139 to 141)	Rate Year Average Balances 1,341,960,654 - 1,289,299,655 2,631,260,309		Capital Structure Percentage 51.00% 0.00% 49.00%			Cost (Note T) 5.17% 0.00% 10.50% WACC=	Weighted 0.0264 0.0000 0.0514 0.0778

Page: 13 of 59

AEP West SPP Member Operating Companies
Transmission Cost of Service Formula Rate
Utilizing Actual / Projected Cost Data for the 2019 Rate Year

PUBLIC SERVICE COMPANY OF OKLAHOMA

<u>Letter</u>

General Note: True Up References to data from FERC Form 1 are indicated as: page#.line#.col.#. Rate Year Projections from Company forecasts.

- 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 H 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 calculated from inputs on this TCOS. Line 13 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 and depreciation expense are reduced by the removal of amounts 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 to transmission. Transmission allocations are shown on Worksheet C.
- F Identified as being transmission related or functionally booked to transmission.
- 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 111.
- Line 65 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 than 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 or allocable to transmission service. Worksheet J 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 H.
- M Recoverable PBOP expense is based on actual annual PBOP costs, including charges from the AEP Service Corporation. The PBOP amounts are included in the Administrative and General total, and are based on current year expenses. The annual actuarial valuation report supporting the derivation of the PBOP expense, along with an explanation of PBOP derivation process, is submitted during the formula rate annual update.
- N Includes only FICA, unemployment, property and other assessments charged in the current year. Gross Receipts tax, Sales & Use taxes, local franchise 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 97) multiplied by (1/1-T) . If the applicable tax rates are zero enter 0.

Inputs Required:

SIT=

SIT=

5.49% (State Income Tax Rate or Composite SIT. Worksheet K)

p =

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

Excess / (Deficit) Deferred Income Taxes will be amortized over the average remaining life of the assets to which it relates, unless the Commission requires a different amortization period. The Tax Effect of Permanent Differences captures the differences in the income taxes due under the Federal and State tax calculations that are not the result of a timing difference, including but not limited to depreciation related to capitalized AFUDC equity and meals and entertainment deductions. The Tax effect of Flow-Through differences captures current tax expense related to timing differences on items for which tax deductions were used to reduce customer rates through the use of flow-through accounting in a prior period.

- P The Texas Gross Margin tax is calculated on the Texas allocated revenue of the Company, reduced by cost of goods sold deduction 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.
- 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, other than Transmission Serving Generation which is removed at Worksheet A. See Note U.
- 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 (In 130) / Long Term Debt (In 139). Preferred Stock cost rate = preferred dividends (In 131) / preferred outstanding (In 140).

 Common Stock cost rate (ROE) = 10.5%, the rate accepted by FERC in Docket No. ER07-1069. It includes an additional 50 basis points for remaining a member of the SPP RTO.

 The amount of eligible hedging gains or losses included in total interest expense is limited to five basis points of the capital structure. Details and calculations of the weighted average cost of capital are shown on Worksheet M. Eligible Hedging Gains and Losses are computed on Worksheet M. The unamortized balance of eligible hedge gains/losses and related ADIT amounts shall not flow through the formula rate.
- Costs specifically incurred to build, operate, maintain, or depreciate assets which are dedicated to the interconnection of individual generation resources to the SPP transmission network, including generation tie-lines, are deemed to be production-related will be removed from the transmission cost of service. Such costs, referred to herein as Transmission Serving Generation, will be reported in the FERC Form 1 in Transmission functional accounts, and thus adjustments are needed to remove those costs from line items which include them.

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet A - Detailed Plant and Accumulated Depreciation Balances PUBLIC SERVICE COMPANY OF OKLAHOMA

<u>Line</u>	(A)	(B)	(C) Balances @	(D) <u>Balances</u>	(E) Average Balance for
<u>Number</u>	Rate Base Item & Supporting Balance	Source of Data	<u>12/31/2019</u>	<u>12/31/2018</u>	2019
Functional A	ARO investment and accumulated depreciation balances shown below are included in th	e total functional balances shown here.			
See Note U a	at the TCOS worksheet for a description of Transmission Serving Generation.				
Plant Invest	ment Balances		4 504 440 000	4.540.050.050	4 555 000 574
1 2 3	Production Plant In Service Add: Transmission Serving Generation Formula Production Plant In Service	FF1, page 205 Col.(g) & pg. 204 Col. (b), In 46 Company Records	1,564,413,288	1,546,953,853	1,555,683,571 - 1,555,683,571
4 5	Production Asset Retirement Obligation (ARO) Add: Transmission Serving Generation ARO	FF1, page 205&204, Col.(g)&(b), Ins 15,24,34,44 Company Records	36,352,139	36,352,139	36,352,139 -
6	Formula Production ARO	•	36,352,139	36,352,139	36,352,139
7 8 9	Transmission Plant In Service Less: Transmission Serving Generation Formula Transmission Plant In Service	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 58 Company Records	946,288,588	907,181,078	-
10 11 12	Transmission Asset Retirement Obligation (Acct. 359.1) Less: Transmission Serving Generation ARO Formula Transmission ARO	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 57 Company Records	0	0]
13	Distribution Plant In Service	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 75	2,729,888,660	2,592,470,562	2,661,179,611
14	Distribution Asset Retirement Obligation	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 74	-	-	-
15	General Plant In Service	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 99	166,578,677	171,819,980	169,199,328
16	General Asset Retirement Obligation (Acct. 399.1)	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 98	556,590	556,590	
17	Intangible Plant In Service	FF1, page 205 Col.(g) & pg. 204 Col. (b), In 5	158,628,152	126,173,286	
18	Total Property Investment Balance	(Sum of Lines: 3, 9, 13, 15, 17)	5,565,797,365	5,344,598,760	5,455,198,062
19	Total ARO Balance (included in total on line 18)	(Sum of Lines: 6, 12, 14, 16)	36,908,729	36,908,729	36,908,729
	d Depreciation & Amortization Balances	(Cum of Emoc. 6, 12, 11, 10)	00,000,720	00,000,120	00,000,720
20 21	Production Accumulated Depreciation Add: Transmission Serving Generation	FF1, page 219, Ins 20-24, Col. (b) Company Records	832,881,920	786,117,268	809,499,594
22	Formula Production Plant In Service		832,881,920	786,117,268	
23 24 25	Production ARO Accumulated Depreciation (included in total on line 20) Add: Transmission Serving Generation ARO Formula Production ARO	Company Records - Note 1 Company Records	13,753,271	12,470,206	13,111,738 - 13,111,738
26	Transmission Accumulated Depreciation	FF1, page 219, ln 25, Col. (b)	235,304,624	225,188,387	230,246,506
27 28	Less: Transmission Serving Generation Formula Transmission Plant In Service	Company Records	235,304,624	225,188,387	- 230,246,506
29 30 31	Transmission ARO Accumulated Depreciation (included in total on line 26) Less: Transmission Serving Generation ARO Formula Transmission ARO	Company Records - Note 1 Company Records	0	0]
32	Distribution Accumulated Depreciation	FF1, page 219, In 26, Col. (b)	662,412,888	625,202,768	643,807,828
33	Distribution ARO Accumulated Depreciation (included in total on line 32)	11 1, page 213, iii 20, 00i. (b)	-	-	-
34	General Accumulated Depreciation	FF1, page 219, ln 28, Col. (b)	45,337,371	48,289,661	46,813,516
35	General ARO Accumulated Depreciation (included in total on line 34)	Company Records - Note 1	415,844	415,844	
36	Intangible Accumulated Amortization	FF1, page 200, In 21, Col. (b)	63,236,581	49,235,288	
37	Total Accumulated Depreciation or Amortization	(Sum of Lines: 22, 28, 32, 34, 36) FF1, page 200, In 22, Col (b)	1,839,173,384	1,734,033,373	1,786,603,378
38	Total ARO Balance (included in total on line 37)	(Sum of Lines: 25, 31, 33, 35)	14,169,115	12,886,050	13,527,582
		(Suill of Lifles. 25, 51, 55, 55)	14,169,115	12,000,030	13,327,362
Generation 3	Step-Up Units GSU Investment Amount (included in total on line 7)	Company Records - Note 1	23,812,668	23,812,668	23,812,668
40 41	GSU Accumulated Depreciation (Included in total on line 26) GSU Net Balance	Company Records - Note 1 (Line 39 - Line 40)	7,652,492 16,160,176	7,207,255 16,605,413	7,429,873 16,382,795
Transmissio	n Plant Excluded from SPP Tariff (see TCOS Note Q)				
42	Excluded Facilities Investment Amount Excluded Facilities Accumulated Depreciation	Company Records - Note 1 Company Records - Note 1	49,567,327 19,715,588	49,567,327 19,715,588	49,567,327 19,715,588
43 44	Excluded Facilities Net Balance	(Line 42 - Line 43)	29,851,739	29,851,739	29,851,739
Transmissio	n Accumulated Depreciation Net of GSU/Excluded Facilities Accumulated Depreciation				
45	Transmission Accumulated Depreciation	(Line 28 Above)	235,304,624	225,188,387	230,246,506
46	Less: GSU & Excl Facilities Acc Dep	(Line 40 + Line 43 Above)	27,368,080	26,922,842	27,145,461
47	Subtotal of Transmission Accumulated Depreciation Net of GSU/Excluded Facilities	(Line 45 - Line 46)	207,936,545	198,265,545	203,101,045
<u>Plant Held F</u>	or Future Use				
48	Plant Held For Future Use	FF1, page 214, In 47, Col. (d)	302,647	302,647	302,647
49	Transmission Plant Held For Future Use (Included in total on line 48)	Company Records - Note 1	-	-	-
NOTE 1 O	n this worksheet, "Company Records" refers to AEP's property accounting ledger.				
Regulatory A	Assets and Liabilities Approved for Recovery In Ratebase Note: Regulatory Assets & Liabilities can only be included in ratebase pursuant to a 205 fili	ng with FERC			
50 51		=			1
52 53					:
53 54 55	Total Regulatory Deferrals Included in Ratebase				<u>-</u> -

Total Regulatory Deferrals Included in Ratebase

AEP - SPP Formula Rate TCOS - WS B Page: 15 of 59

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate

Worksheet B - Third Party Facility Credits PUBLIC SERVICE COMPANY OF OKLAHOMA

Line No. Source Amount

1 Facility Credits under the SPP OATT -

Note:

Under Section 30.9 of the SPP OATT, a network customer that owns existing transmission facilities that are integrated with the Transmission Provider's Transmission System may be eligible to receive consideration either through a billing credit or some other mechanism. Calculation of any credit under this subsection, pursuant to approval by FERC for inclusion in this formula rate for collection on behalf of the network customer, shall be addressed in either the Network Customer's Service Agreement or any other agreement between the parties.

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet C - ADIT and ADITC Balances PUBLIC SERVICE COMPANY OF OKLAHOMA

Line <u>No.</u>	(A) <u>Acc. No.</u>	(B) <u>Description</u>	(C) <u>YE Balance</u>	(E) <u>Exclusions *</u>	(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)
	Note: Ac	count 281 is not allocated to Transmission							
		Account 282 - Form-1 page 274.2.b and 275.2.k							
1 2	282.1 282.1	2019 Year End Tax Deferrals - WS C-1 2018 Year End Tax Deferrals - WS C-2	(1,018,002,789) (1,012,368,994)	7,168,398 7,112,746	-	(1,014,947,274) (1,009,337,568)	- -	(10,223,912) (10,144,172)	
3 4 5		Subtotal Average Balance before Proration Proration Adjustment - WS C-3	(2,030,371,782) (1,015,185,891)	14,281,144 7,140,572	0	(2,024,284,842) (1,012,142,421) 3,023,984	0	(20,368,085) (10,184,042)	
6		Prorated Average balance	(1,015,185,891)	7,140,572	0	(1,009,118,437)	0	(10,184,042)	
7 8		Transmission Allocator from TCOS Allocated Total		<u>0.0000%</u> 0	<u>100.0000%</u> 0	<u>16.2156%</u> (163,634,144)	<u>25.8293%</u> 0	8.1181% (826,750)	(164,460,894)
		Account 283 - Form-1 page 276.9.b and 277.9.k							
9 10	283.1 283.1	2019 Year End Tax Deferrals - WS C-1 2018 Year End Tax Deferrals - WS C-2	(244,171,628) (244,171,628)	(52,488,022) (52,488,022)	-	(174,839,985) (174,839,985)	- -	(16,843,621) (16,843,621)	
11 12 13 14		Subtotal Average Balance Transmission Allocator from TCOS Allocated Total	(488,343,256) (244,171,628)	(104,976,044) (52,488,022) <u>0.0000%</u> 0	0 100.0000% 0	(349,679,971) (174,839,985) <u>16.2156%</u> (28,351,272)	0 25.8293% 0	(33,687,242) (16,843,621) <u>8.1181%</u> (1,367,380)	(29,718,652)
		Account 190 - Form-1 page 234, Ln 8, Col. (b) & (<u>c)</u>						
15	190.1	2019 Year End Tax Deferrals - WS C-1	123,669,008	78,212,489	-	40,560,757	-	4,895,763	
16	190.1	2018 Year End Tax Deferrals - WS C-2	123,669,008	78,212,489	-	40,560,757	-	4,895,763	
17 18 19		Subtotal Average Balance before Proration Proration Adjustment - WS C-3	247,338,017 123,669,008	156,424,977 78,212,489	0	81,121,514 40,560,757	0	9,791,525 4,895,763	
20		Prorated Average balance	123,669,008	78,212,489	0	40,560,757	0	4,895,763	
21 22		Transmission Allocator from TCOS Allocated Total		<u>0.0000%</u> 0	<u>100.0000%</u> 0	<u>16.2156%</u> 6,577,151	<u>25.8293%</u> 0	<u>8.1181%</u> 397,442 [6,974,594
		Account 255 - Form-1 page 266-267				Pre 1971 ITC Includable in Rate Base			
23 24	255.0 255.0	Acc Defrd ITC - Federal - 12/31/2019 (FF1 p. 267, Ln 2.h) Acc Defrd ITC - Federal - 12/31/2018 (FF1 p. 266, Ln 2.b)	(3,565) (3,565)			-			
25 26 27 28		Subtotal Average Balance Transmission Allocator from TCOS Allocated Total	(7,130) (3,565)	<u>N/A</u>	N/A	- 0 <u>16.2156%</u> 0	<u>N/A</u>	<u>N/A</u> [0

^{*} Exclusions: Non-utility, fuel supply, off-system sales and other items as specified related to costs not included in rates.

AEP West SPP Member Operating Companies PUBLIC SERVICE COMPANY OF OKLAHOMA

WORKSHEET C-1 - END OF YEAR DETAIL OF DEFERRED INCOME TAX BALANCES **AS OF DECEMBER 31, 2019**

				, .		Allocation Method		
Account	Line #	Description	Balance	Allocation Basis	Exclusions	100% Transmission PTD Plant	T&D	Labor
2821001	210E	210E LIBERALIZED DEPR-ELIG DFL	(111,671,196)	PTD	<u> </u>	(111,671,196)	100	
2821001	230A	230A ACRS BENEFIT NORMALIZED	(333,066,837)	PTD		(333,066,837)		
2821001 2821001	230A-MJE 230G	230A ACRS BENEFIT NORMALIZED - MJE 230G ACRS-ACCRUED BK REMOVAL COSTS	0 (10,168,603)	PTD PTD		0 (10,168,603)		
2821001	2301	230I CAPD INTEREST-SECTION 481(a)-CHANGE IN METHD	(754,634)	PTD		(754,634)		
2821001 2821001	230J 230X	230J RELOCATION CST-SECTION 481(a)-CHANGE IN METHD 230X R & D DEDUCTION - SEC 174	55,575 (2,261,126)	PTD PTD		55,575 (2,261,126)		
2821001	280H	280H BK PLANT IN SERVICE - SFAS 143 - ARO	(5,162,351)	E	(5,162,351)	,		
2821001 2821001	295A 295C	295A GAIN/LOSS ON ACRS/MACRS PROPERTY 295C GAIN/LOSS-ACRS/MACRS-BK/TX UNIT PROP	(413,092) 1,877,226	PTD PTD		(413,092) 1,877,226		
2821001	295D	295D TAX LOSS ON PLANT RETIREMENTS	(1,730,874)	PTD		(1,730,874)		
2821001	320A	320A ABFUDC	(6,275,727)	PTD		(6,275,727)		
2821001 2821001	380J 390A	380J INT EXP CAPITALIZED FOR TAX 390A CIAC - BOOK RECEIPTS	11,510,919 11,430,066	PTD E	11,430,066	11,510,919		
2821001	510H	510H PROPERTY TAX-NEW METHOD-BOOK	(40,006)	PTD	, ,	(40,006)		
2821001 2821001	532A 532C	532A PERCENT REPAIR ALLOWANCE 532C BOOK/TAX UNIT OF PROPERTY ADJ	(13,616,609) (39,202,901)	PTD PTD		(13,616,609) (39,202,901)		
2821001	532D	532D BK/TX UNIT OF PROPERTY ADJ-SEC 481 ADJ	(23,666,358)	PTD		(23,666,358)		
2821001 2821001	533J 534A	533J TX ACCEL AMORT - CAPITALIZED SOFTWARE 534A CAPITALIZED RELOCATION COSTS	(1,252,192)	E PTD	(1,252,192)	(12,878,875)		
2821001	630R	630R ACCRD ENERGY CONSERV EXPEND	(12,878,875) (106,803)	PTD		(12,676,673)		
2821001	651A	651A IMPAIRED ASSETS RES-FAS 121-BK	3,241,027	E	3,241,027	,		
2821001 2821001	710H 710T	710H AMORT ELEC PLT ACQ ADJS 710T AMORT CHELSEA MUN AUTH-TX	30,622 19,092	E E	30,622 19,092			
2821001	710U	710U CHELSEA ACQUSITON ADJ-25 YR TX	80,503	E	80,503			
2821001 2821001	710V 711N	710V PLANT ACQUSITION ADJ-CSIAP-TX 711N CAPITALIZED SOFTWARE COSTS-TAX	90,473 2,283	E Labor	90,473			2,283
2821001	7110	7110 BOOK LEASES CAPITALIZED FOR TAX	(20,249)	PTD		(20,249)		2,203
2821001	712K	712K CAPITALIZED SOFTWARE COST-BOOK	(10,127,793)	Labor		(07.400.000)		(10,127,793)
2821001 2821001	910K 910N	910K REMOVAL CST 910N ACCRUED BK REMOVAL COST - ACRS	(67,138,666) 8,692,057	PTD PTD		(67,138,666) 8,692,057		
2821001	930A	930A BOOK > TAX BASIS-PRTSHP INVEST	(1,764,153)	Е	(1,764,153)	-,,		
2821001 2821001	930J 940I	930J PROV FOR WRITEDOWN OF INVEST 940I 1985-1987 IRS AUDIT SETTLEMENT	386,635 (81,039)	E PTD	386,635	(81,039)		
2821001	960F-XS	EXCESS ADFIT 282 - PROTECTED-OK	(338,720,856)	PTD	0	(338,720,856)		
2821001	960F-XS	EXCESS ADFIT 282 - UNPROTECTED-OK	(68,346,029)	PTD	0	(68,346,029)		
2821001		Forecast Adjustment to 282	(6,952,297)	PTD	68,676	0 (6,922,571)		0 (98,402)
282.1		TOTAL ELECTRIC ACCOUNT SUBTOTAL (absolute value Total Company Amount Ties to FF1 p.275(k)	(1,018,002,789)		7,168,398	0 (1,014,947,274)		0 (10,223,912)
		Acct 282 Electric)						
2831001	014A	014A-DSITC ADSITC STATE C/F-DEF STATE TAX ASSET-L/T	(3,571,261)	Е	(3,571,261)			
2831001	014C	014C-DSIT NOL-STATE C/F-DEF STATE TAX ASSET-L/T	(4,396,333)	E	(4,396,333)			
2831001 2831001	014W 433B	014W-DSIT STATE CREDIT C/F-VALUATION ALLOWANCE 433B INTEREST-FUEL OVER/UNDER RECOVERY	0 894	E E	0 894			
2831001	533I	533I INDIAN RESERVATION SECTION 481a ADJUSTMENT	272,242	PTD	001	272,242		
2831001 2831001	575E 576E	575E MTM BK GAIN-A/L-TAX DEFL 576E MARK & SPREAD-DEFL-283-A/L	130,688 23,748	E E	130,688 23,748			
2831001	605B	605B ACCRUED BK PENSION EXPENSE	(16,843,621)	Labor	23,740			(16,843,621)
2831001	605C	605C ACCRUED BK PENSION COSTS - SFAS 158	15,604,402	E	15,604,402			
2831001 2831001	612E 630J	612E ACCRUED RAIL SETTLEMENT - BNFS 630J DEFD STORM DAMAGE	(7,539,977)	E	(7,539,977)			
2831001	630M	630M RATE CASE DEFD CHGS	(62,596)	E	(62,596)			
2831001 2831001	632U 638A	632U BK DEFL-DEMAND SIDE MNGMT EXP 638A BOOK > TAX BASIS - EMA-A/C 283	(1,565,472) 21,448	E E	(1,565,472) 21,448			
2831001	660M	660M REG ASSET-CARRY COST ON STRANDED COST	0	Ē	0			
2831001	660N	660N REG ASSET-DEFD CARRY COST ON STRANDED COST	(0)	E	(0)			
2831001 2831001	660R 661R	660R REG ASSET-DEFD ACCR VEGETATION MGT EXPENSE 661R REG ASSET-SFAS 158 - PENSIONS	0 (15,604,402)	E	(15,604,402)			
2831001	661S	661S REG ASSET-SFAS 158 - SERP	(242,682)	E	(242,682)			
2831001 2831001	661T 661U	661T REG ASSET-SFAS 158 - OPEB 661U REG ASSET-LAWTON SETTLEMENT	692,451 0	E F	692,451 0			
2831001	661V	661V REG ASSET-RED ROCK FACILITY	(881,702)	Ē	(881,702)			
2831001 2831001	663C 664E	663C REG ASSET-GENERATION MAINTENANCE EXP 664E REG ASSET-NON-AMI METERS	0 (13,967,511)	E E	0 (13,967,511)			
2831001	664F	664F REG ASSET-NON-AMI METERS - AMORT	6,559,567	E	6,559,567			
2831001	665G	665G REG ASSET-UND/REC PSO BPF	(514,207)	E	(514,207)			
2831001 2831001	669B 673H	669B REG ASSET-DEFERRED SRR RIDER EXPENSES 673H REG ASSET-NE3/COMANCHE ENVIRON DEF	(9,481,963)	E E	(9,481,963)			
2831001	673I	673I REG ASSET-NE3/COMANCHE ENVIRON-CONTRA	3,284,346	E	3,284,346			
2831001 2831001	673S 673X	673S REG ASSET-INDEPENDENT EVALUATOR DEFRL 673X REG ASSET-WIND CATCHER COST RECOV	0 (93,951)	E E	0 (93,951)			
2831001	674E	674E REG ASSET-NE U4 UNDEPRECIATED BALANCE	(16,447,162)	E	(16,447,162)			
2831001	690F	690F REG ASSET-NBV-ARO-RETIRED PLANTS	2,896	E	2,896	(222.2.42)		
2831001 2831001	900A 906A	900A LOSS ON REACQUIRED DEBT 906A ACCRD SFAS 106 PST RETIRE EXP	(936,042) (4,587,563)	PTD E	(4,587,563)	(936,042)		
2831001	906D	906D SFAS 106 PST RETIRE EXP - NON-DEDUCT CONT	3,075,790	E	3,075,790			
2831001 2831001	906Z 913Y	906Z SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET 913Y BK DEFL - MERGER COSTS	(643,013)	E E	(643,013) 0			
2831001	960F-XS	EXCESS ADFIT 283 - UNPROTECTED-OK	(3,158,434)	PTD	U	(3,158,434)		
2831001 2831001	960X	960X STATE NOL CURRENT BENEFIT TAX ADJUSTMENTS	(1,257,375) (1,027,081)	E E	(1,257,375) (1,027,081)			
	0440				(1,021,001)	,,_, _,		
2831002	911Q	911Q-DSIT DSIT ENTRY - NORMALIZED	(171,017,751)	PTD		(171,017,751)		
		Forecast Adjustment to 283	0		0	0		0
283.1		TOTAL ELECTRIC ACCOUNT SUBTOTAL (absolute value Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)	(244,171,628)		(52,488,022)	0 (174,839,985)		0 (16,843,621)

AEP West SPP Member Operating Companies PUBLIC SERVICE COMPANY OF OKLAHOMA

WORKSHEET C-1 - END OF YEAR DETAIL OF DEFERRED INCOME TAX BALANCES **AS OF DECEMBER 31, 2019**

							Allocation Method		
Account	Line #	Description	Balance	Allocation Basis	Exclusions	100% Transmission	PTD Plant	T&D	Labor
Account		Безоприоп	Daianoc	Dasis	LACIUSIUIIS	1141131111331011	i i D i iaiit	IGD	Labor
1901001	011C	011C-DFIT TAX CREDIT C/F - DEF TAX ASSET	(659,755)	Е	(659,755)				
1901001	011C-MJE	011C-MJE TAX CREDIT C/F - DEF TAX ASSET- MJE	659,755	E	659,755				
1901001	014A	014A ACCUM DITC-STATE-A/C 2550002	4,502,586	E	4,502,586				
1901001	433F	433F PSO-FUEL O/U RECOVERY-WSLE	133,486	E	133,486				
1901001	460A	460A UNBILLED REVENUE	3,689,032	E	3,689,032				
1901001	520A	520A PROVS POSS REV REFDS-A/L	2,064,395	PTD			2,064,395		
1901001	520X	520X PROV FOR RATE REFUND-TAX REFORM	987,945	E	987,945				
1901001	520Y	520Y PROV FOR RATE REFUND-EXCESS PROTECTED	980,580	E E	980,580				
1901001 1901001	576F 602A	576F MARK & SPREAD-DEFL-190-A/L 602A PROV WORKER'S COMP	(31,612) 146,765	Labor	(31,612)				146,765
1901001	605E	605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN	330,470	Labor					330,470
1901001	605F	605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158	242,682	E	242,682				330,470
1901001	605I	605I ACCRD BK SUP. SAVINGS PLAN EXP	128,059	Labor	242,002				128,059
1901001	605J	605J EMPLOYER SAVINGS PLAN MATCH	0	E	0				120,000
1901001	605O	6050 ACCRUED PSI PLAN EXP	198,657	Labor	Ů				198,657
1901001	605P	605P STOCK BASED COMP-CAREER SHARES	394,590	E	394,590				100,001
1901001	610A	610A BK PROV UNCOLL ACCTS - ST	33,583	Ē	33,583				
1901001	610U	610U PROV-TRADING CREDIT RISK - A/L		Ē	0				
1901001	612Y	612Y ACCRD COMPANYWIDE INCENTV PLAN	1,298,898	Labor					1,298,898
1901001	613E	613E ACCRUED BOOK VACATION PAY	1,619,992	Labor					1,619,992
1901001	613K	613K (ICDP)-INCENTIVE COMP DEFERRAL PLAN	148,220	Labor					148,220
1901001	613Y	613Y ACCRUED BK SEVERANCE BENEFITS	61,108	Labor					61,108
1901001	615B	615B ACCRUED INTEREST-LONG-TERM - FIN 48	(716,495)	E	(716,495)				
1901001	615B-MJE	615B-MJE ACCRD INTRST-TAX RES-L/T-FIN 48-MJE	605,420	E	605,420				
1901001	615C	615C ACCRUED INTEREST-SHORT-TERM - FIN 48	(24,096)	E	(24,096)				
1901001	615E	615E ACCRUED STATE INCOME TAX EXP	(123,948)	E	(123,948)				
1901001	615O	6150 BK DFL RAIL TRANS REV/EXP		E	0				
1901001	639A	639A DEFD BK GAIN-NON-AFF SALE-EMA		E	0				
1901001	6411	641I ADVANCE RENTAL INC (CUR MO)	280,440	PTD	20.045		280,440		
1901001	642B	642B DEFD REV-BONUS LEASE SHORT-TERM	33,345	E	33,345				
1901001	642C	642C DEFD REV-BONUS LEASE LONG-TERM	26,593	E	26,593				
1901001 1901001	652G 663U	652G REG LIAB-UNREAL MTM GAIN-DEFL 663U REG ASSET-DEFERRED BASE LOAD PUR PWR	(130,688)	E	(130,688)				
1901001	712P	712P PROF SERVICES CAPITALIZED-TX	1,009	PTD	U		1,009		
1901001	906F	906F ACCRD OPEB COSTS - SFAS 158	(692,451)	E	(692,451)		1,009		
1901001	906K	906K ACCRD SFAS 112 PST EMPLOY BEN	672,069	Labor	(032,431)				672,069
1901001	906P	906P ACCRD BOOK ARO EXPENSE - SFAS 143	11,800,149	E	11,800,149				072,000
1901001	911F	911F-FIN48 FIN 48 DSIT	162,824	Ē	162,824				
1901001	911Q-DSIT		35,913,728	PTD			35,913,728		
1901001	911V	911V ACCRD SIT TX RESERVE-LNG-TERM-FIN 48	(558,768)	Е	(558,768)		,,		
1901001	911V-MJE	911V-MJE ACCRD SIT TX RES-LNG-TERM-FIN 48-MJE	416,399	E	416,399				
1901001	911W	911W ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48	(20,515)	E	(20,515)				
1901001	940A	940A IRS AUDIT SETTLEMENT	(301,785)	E	(301,785)				
1901001	940X	940X IRS CAPITALIZATION ADJUSTMENT	288,501	PTD			288,501		
1901001	960E	960E AMT CREDIT - DEFERRED	0	E	0				
1901001	960Z	960Z NOL - DEFERRED TAX ASSET RECLASS	0	E	0				
1901001	980A	980A RESTRICTED STOCK PLAN	27,831	E	27,831				
1901001	980J	980J PSI - STOCK BASED COMP	103,897	Е	103,897				
1901002	014A-MJE	014A ACCUM DITC-STATE-A/C 2550002-MJE	16,194,103	Е	16,194,103				
1901002	014A	014A-DSITC ADSITC STATE C/F-DEF STATE TAX ASSET-L/T	17,006,004	Ē	17,006,004				
1901002	014C	014C-DSIT NOL-STATE C/F-DEF STATE TAX ASSET-L/T	20,934,919	Ē	20,934,919				
1901002	014W	014W-DSIT STATE CREDIT C/F-VALUATION ALLOWANCE	0	Ē	0				
		Face and A.P. of the ACC	4.044.000		0.500.501		0.040.005		004.504
		Forecast Adjustment to 190	4,841,090		2,536,881		2,012,685		291,524
190.1		TOTAL ELECTRIC ACCOUNT SUBTOTAL (Total Company Amount Ties to EE1 p. 224(c) Electric)	123,669,008		78,212,489	0	40,560,757	0	4,895,763
		(Total Company Amount Ties to FF1 p.234(c) Electric)							

AEP West SPP Member Operating Companies PUBLIC SERVICE COMPANY OF OKLAHOMA WORKSHEET C-2 -BEGINNING OF YEAR DETAIL OF DEFERRED INCOME TAX BALANCES

AS OF DECEMBER 31, 2018

							ation Method		
Account	Line #	Description	Balance	Allocation Basis	Exclusions	100%	PTD Plant	T&D	Labor
2821001	210E	210E LIBERALIZED DEPR-ELIG DFL	(111,671,196)	PTD			(111,671,196)		
2821001 2821001	230A 230A-MJE	230A ACRS BENEFIT NORMALIZED 230A ACRS BENEFIT NORMALIZED - MJE	(333,066,837)	PTD PTD			(333,066,837) 0		
2821001 2821001	230G 230I	230G ACRS-ACCRUED BK REMOVAL COSTS 230I CAPD INTEREST-SECTION 481(a)-CHANGE IN METHD	(10,168,603) (754,634)	PTD PTD			(10,168,603) (754,634)		
2821001	230J	230J RELOCATION CST-SECTION 481(a)-CHANGE IN METHE	55,575	PTD			55,575		
2821001 2821001	230X 280H	230X R & D DEDUCTION - SEC 174 280H BK PLANT IN SERVICE - SFAS 143 - ARO	(2,261,126) (5,162,351)	PTD E	(5,162,351)		(2,261,126)		
2821001	295A	295A GAIN/LOSS ON ACRS/MACRS PROPERTY	(413,092)	PTD	(5, 162, 351)		(413,092)		
2821001 2821001	295C	295C GAIN/LOSS-ACRS/MACRS-BK/TX UNIT PROP	1,877,226	PTD			1,877,226		
2821001	295D 320A	295D TAX LOSS ON PLANT RETIREMENTS 320A ABFUDC	(1,730,874) (6,275,727)	PTD PTD			(1,730,874) (6,275,727)		
2821001	380J	380J INT EXP CAPITALIZED FOR TAX	11,510,919	PTD	44 420 000		11,510,919		
2821001 2821001	390A 510H	390A CIAC - BOOK RECEIPTS 510H PROPERTY TAX-NEW METHOD-BOOK	11,430,066 (40,006)	E PTD	11,430,066		(40,006)		
2821001	532A	532A PERCENT REPAIR ALLOWANCE	(13,616,609)	PTD			(13,616,609)		
2821001 2821001	532C 532D	532C BOOK/TAX UNIT OF PROPERTY ADJ 532D BK/TX UNIT OF PROPERTY ADJ-SEC 481 ADJ	(39,202,901) (23,666,358)	PTD PTD			(39,202,901) (23,666,358)		
2821001	533J	533J TX ACCEL AMORT - CAPITALIZED SOFTWARE	(1,252,192)	E	(1,252,192)		(40.070.075)		
2821001 2821001	534A 630R	534A CAPITALIZED RELOCATION COSTS 630R ACCRD ENERGY CONSERV EXPEND	(12,878,875) (106,803)	PTD PTD			(12,878,875) (106,803)		
2821001	651A	651A IMPAIRED ASSETS RES-FAS 121-BK	3,241,027	E	3,241,027		,		
2821001 2821001	710H 710T	710H AMORT ELEC PLT ACQ ADJS 710T AMORT CHELSEA MUN AUTH-TX	30,622 19,092	E E	30,622 19,092				
2821001	710U	710U CHELSEA ACQUISITON ADJ-25 YR TX	80,503	E	80,503				
2821001 2821001	710V 711N	710V PLANT ACQUSITION ADJ-CSIAP-TX 711N CAPITALIZED SOFTWARE COSTS-TAX	90,473 2,283	E Labor	90,473				2,283
2821001	7110	7110 BOOK LEASES CAPITALIZED FOR TAX	(20,249)	PTD			(20,249)		(40, 407, 700)
2821001 2821001	712K 910K	712K CAPITALIZED SOFTWARE COST-BOOK 910K REMOVAL CST	(10,127,793) (67,138,666)	Labor PTD			(67,138,666)		(10,127,793)
2821001	910N	910N ACCRUED BK REMOVAL COST - ACRS	8,692,057	PTD			8,692,057		
2821001 2821001	930A 930J	930A BOOK > TAX BASIS-PRTSHP INVEST 930J PROV FOR WRITEDOWN OF INVEST	(1,764,153) 386,635	E E	(1,764,153) 386,635				
2821001	9401	940I 1985-1987 IRS AUDIT SETTLEMENT	(81,039)	PTD	333,333		(81,039)		
2821001 2821001	960F-XS 960F-XS	EXCESS ADFIT 282 - PROTECTED-OK EXCESS ADFIT 282 - UNPROTECTED-OK	(338,720,856) (68,346,029)	PTD PTD			(338,720,856) (68,346,029)		
2021001	3001 7.0	EXCECUTABILITY 202 ON NOTECTED CIX	(00,040,023)	115			(00,040,020)		
2821001		Forecast Adjustment to 282	(1,318,502)	PTD	13,024	0	(1,312,865)	0	(18,662)
282.1		TOTAL ELECTRIC ACCOUNT SUBTOTAL	(1,012,368,994)		7,112,746	0	(1,009,337,568)	0	(10,144,172)
		(absolute value Total Company Amount Ties to FF1 p.275(k) Acct 282 Electric)							
2831001 2831001	014A 014C	014A-DSITC ADSITC STATE C/F-DEF STATE TAX ASSET-L/T 014C-DSIT NOL-STATE C/F-DEF STATE TAX ASSET-L/T	(3,571,261) (4,396,333)	E E	(3,571,261) (4,396,333)				
2831001	014W	014W-DSIT STATE CREDIT C/F-VALUATION ALLOWANCE	0	Е	O O				
2831001 2831001	433B 533I	433B INTEREST-FUEL OVER/UNDER RECOVERY 533I INDIAN RESERVATION SECTION 481a ADJUSTMENT	894 272,242	E PTD	894		272,242		
2831001	575E	575E MTM BK GAIN-A/L-TAX DEFL	130,688	E	130,688		_,_,		
2831001 2831001	576E 605B	576E MARK & SPREAD-DEFL-283-A/L 605B ACCRUED BK PENSION EXPENSE	23,748 (16,843,621)	E Labor	23,748				(16,843,621)
2831001	605C	605C ACCRUED BK PENSION COSTS - SFAS 158	15,604,402	Е	15,604,402				,
2831001 2831001	612E 630J	612E ACCRUED RAIL SETTLEMENT - BNFS 630J DEFD STORM DAMAGE	0 (7,539,977)	E E	0 (7,539,977)				
2831001	630M	630M RATE CASE DEFD CHGS	(62,596)	E	(62,596)				
2831001 2831001	632U 638A	632U BK DEFL-DEMAND SIDE MNGMT EXP 638A BOOK > TAX BASIS - EMA-A/C 283	(1,565,472) 21,448	E E	(1,565,472) 21,448				
2831001	660M	660M REG ASSET-CARRY COST ON STRANDED COST	0	E	0				
2831001 2831001	660N 660R	660N REG ASSET-DEFD CARRY COST ON STRANDED COST 660R REG ASSET-DEFD ACCR VEGETATION MGT EXPENSE	(0)	E	(0) 0				
2831001	661R	661R REG ASSET-SFAS 158 - PENSIONS	(15,604,402)	E	(15,604,402)				
2831001 2831001	661S 661T	661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB	(242,682) 692,451	E E	(242,682) 692,451				
2831001	661U	661U REG ASSET-LAWTON SETTLEMENT	0	Е	0				
2831001 2831001	661V 663C	661V REG ASSET-RED ROCK FACILITY 663C REG ASSET-GENERATION MAINTENANCE EXP	(881,702) 0	E E	(881,702) 0				
2831001	664E	664E REG ASSET-NON-AMI METERS	(13,967,511)	E	(13,967,511)				
2831001 2831001	664F 665G	664F REG ASSET-NON-AMI METERS - AMORT 665G REG ASSET-UND/REC PSO BPF	6,559,567 (514,207)	E E	6,559,567 (514,207)				
2831001	669B	669B REG ASSET-DEFERRED SRR RIDER EXPENSES	0	E	, O				
2831001 2831001	673H 673I	673H REG ASSET-NE3/COMANCHE ENVIRON DEF 673I REG ASSET-NE3/COMANCHE ENVIRON-CONTRA	(9,481,963) 3,284,346	E E	(9,481,963) 3,284,346				
2831001	673S	673S REG ASSET-INDEPENDENT EVALUATOR DEFRL	0	Е	0				
2831001 2831001	673X 674E	673X REG ASSET-WIND CATCHER COST RECOV 674E REG ASSET-NE U4 UNDEPRECIATED BALANCE	(93,951) (16,447,162)	E E	(93,951) (16,447,162)				
2831001	690F	690F REG ASSET-NBV-ARO-RETIRED PLANTS	2,896	Е	2,896		(000.040)		
2831001 2831001	900A 906A	900A LOSS ON REACQUIRED DEBT 906A ACCRD SFAS 106 PST RETIRE EXP	(936,042) (4,587,563)	PTD E	(4,587,563)		(936,042)		
2831001	906D	906D SFAS 106 PST RETIRE EXP - NON-DEDUCT CONT	3,075,790	Е	3,075,790				
2831001 2831001	906Z 913Y	906Z SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSE ⁻ 913Y BK DEFL - MERGER COSTS	(643,013) 0	E E	(643,013) 0				
2831001	960F-XS	EXCESS ADFIT 283 - UNPROTECTED-OK	(3,158,434)	PTD	(4.057.075)		(3,158,434)		
2831001 2831001	960X	960X STATE NOL CURRENT BENEFIT TAX ADJUSTMENTS	(1,257,375) (1,027,081)	E E	(1,257,375) (1,027,081)				
2831002	911Q	911Q-DSIT DSIT ENTRY - NORMALIZED	(171,017,751)	PTD			(171,017,751)		
		Forecast Adjustment to 283	0		0		0		0
283.1		TOTAL ELECTRIC ACCOUNT SUBTOTAL (absolute value Total Company Amount Ties to FF1 p.277(k)	(244,171,628)		(52,488,022)	0	(174,839,985)	0	(16,843,621)
		(absolute value Total Company Amount Ties to FF1 p.277(k) Acct 283 Electric)							

AEP West SPP Member Operating Companies PUBLIC SERVICE COMPANY OF OKLAHOMA

WORKSHEET C-2 -BEGINNING OF YEAR DETAIL OF DEFERRED INCOME TAX BALANCES

AS OF DECEMBER 31, 2018

1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	011C 011C-MJE 014A 433F 460A 520A 520X 520Y 576F 602A 605E 605F 605I 605J 605O 605P 610A 610U	O11C-DFIT TAX CREDIT C/F - DEF TAX ASSET 011C-MJE TAX CREDIT C/F - DEF TAX ASSET- MJE 014A ACCUM DITC-STATE-A/C 2550002 433F PSO-FUEL O/U RECOVERY-WSLE 460A UNBILLED REVENUE 520A PROVS POSS REV REFDS-A/L 520X PROV FOR RATE REFUND-TAX REFORM 520Y PROV FOR RATE REFUND-EXCESS PROTECTED 576F MARK & SPREAD-DEFL-190-A/L 602A PROV WORKER'S COMP 605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN 605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP 605P STOCK BASED COMP-CAREER SHARES	(659,755) 659,755 4,502,586 133,486 3,689,032 2,064,395 987,945 980,580 (31,612) 146,765 330,470 242,682 128,059 0 198,657	E E E E FTD E E Labor Labor E Labor E		oo% smission PTD Plant 2,064,395	T&D	146,765 330,470
1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	011C-MJE 014A 433F 460A 520A 520X 520Y 576F 602A 605E 605F 605I 605J 605O 605P 610A 610U	011C-MJE TAX CREDIT C/F - DEF TAX ASSET- MJE 014A ACCUM DITC-STATE-A/C 2550002 433F PSO-FUEL O/U RECOVERY-WSLE 460A UNBILLED REVENUE 520A PROVS POSS REV REFDS-A/L 520X PROV FOR RATE REFUND-TAX REFORM 520Y PROV FOR RATE REFUND-EXCESS PROTECTED 576F MARK & SPREAD-DEFL-190-A/L 602A PROV WORKER'S COMP 605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN 605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	659,755 4,502,586 133,486 3,689,032 2,064,395 987,945 980,580 (31,612) 146,765 330,470 242,682 128,059 0	E E E PTD E E E Labor Labor E Labor	659,755 4,502,586 133,486 3,689,032 987,945 980,580 (31,612)	2,064,395		330,470
901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001 901001	011C-MJE 014A 433F 460A 520A 520X 520Y 576F 602A 605E 605F 605I 605J 605O 605P 610A 610U	011C-MJE TAX CREDIT C/F - DEF TAX ASSET- MJE 014A ACCUM DITC-STATE-A/C 2550002 433F PSO-FUEL O/U RECOVERY-WSLE 460A UNBILLED REVENUE 520A PROVS POSS REV REFDS-A/L 520X PROV FOR RATE REFUND-TAX REFORM 520Y PROV FOR RATE REFUND-EXCESS PROTECTED 576F MARK & SPREAD-DEFL-190-A/L 602A PROV WORKER'S COMP 605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN 605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	659,755 4,502,586 133,486 3,689,032 2,064,395 987,945 980,580 (31,612) 146,765 330,470 242,682 128,059 0	E E E PTD E E E Labor Labor E Labor	659,755 4,502,586 133,486 3,689,032 987,945 980,580 (31,612)	2,064,395		330,470
1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	014A 433F 460A 520A 520X 520Y 576F 602A 605E 605F 605I 605J 605O 605P 610A 610U	014A ACCUM DITC-STATE-A/C 2550002 433F PSO-FUEL O/U RECOVERY-WSLE 460A UNBILLED REVENUE 520A PROVS POSS REV REFDS-A/L 520X PROV FOR RATE REFUND-TAX REFORM 520Y PROV FOR RATE REFUND-EXCESS PROTECTED 576F MARK & SPREAD-DEFL-190-A/L 602A PROV WORKER'S COMP 605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN 605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	4,502,586 133,486 3,689,032 2,064,395 987,945 980,580 (31,612) 146,765 330,470 242,682 128,059 0	E E PTD E E E Labor Labor E Labor	4,502,586 133,486 3,689,032 987,945 980,580 (31,612)	2,064,395		330,470
1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	433F 460A 520A 520X 520Y 576F 602A 605E 605F 605I 605J 605O 605P 610A 610U	433F PSO-FUEL O/U RECOVERY-WSLE 460A UNBILLED REVENUE 520A PROVS POSS REV REFDS-A/L 520X PROV FOR RATE REFUND-TAX REFORM 520Y PROV FOR RATE REFUND-EXCESS PROTECTED 576F MARK & SPREAD-DEFL-190-A/L 602A PROV WORKER'S COMP 605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN 605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	133,486 3,689,032 2,064,395 987,945 980,580 (31,612) 146,765 330,470 242,682 128,059 0	E E PTD E E E Labor Labor Labor	133,486 3,689,032 987,945 980,580 (31,612)	2,064,395		330,470
1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	460A 520A 520X 520Y 576F 602A 605E 605F 605I 605J 605O 605P 610A 610U	460A UNBILLED REVENUE 520A PROVS POSS REV REFDS-A/L 520X PROV FOR RATE REFUND-TAX REFORM 520Y PROV FOR RATE REFUND-EXCESS PROTECTED 576F MARK & SPREAD-DEFL-190-A/L 602A PROV WORKER'S COMP 605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN 605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	3,689,032 2,064,395 987,945 980,580 (31,612) 146,765 330,470 242,682 128,059 0	E PTD E E Labor Labor E Labor	3,689,032 987,945 980,580 (31,612)	2,064,395		330,470
1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	520A 520X 520Y 576F 602A 605E 605F 605I 605J 605O 605P 610A 610U	520A PROVS POSS REV REFDS-A/L 520X PROV FOR RATE REFUND-TAX REFORM 520Y PROV FOR RATE REFUND-EXCESS PROTECTED 576F MARK & SPREAD-DEFL-190-A/L 602A PROV WORKER'S COMP 605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN 605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	2,064,395 987,945 980,580 (31,612) 146,765 330,470 242,682 128,059	PTD E E E Labor Labor E Labor	987,945 980,580 (31,612)	2,064,395		330,470
1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	520X 520Y 576F 602A 605E 605F 605I 605J 605O 605P 610A 610U	520X PROV FOR RATE REFUND-TAX REFORM 520Y PROV FOR RATE REFUND-EXCESS PROTECTED 576F MARK & SPREAD-DEFL-190-A/L 602A PROV WORKER'S COMP 605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN 605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	987,945 980,580 (31,612) 146,765 330,470 242,682 128,059	E E Labor Labor E Labor	980,580 (31,612)	2,064,395		330,470
1901001 1901001 1901001 1901001 1901001 1901001 1901001 1901001	520Y 576F 602A 605E 605F 605I 605J 605O 605P 610A 610U	520Y PROV FOR RATE REFUND-EXCESS PROTECTED 576F MARK & SPREAD-DEFL-190-A/L 602A PROV WORKER'S COMP 605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN 605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	980,580 (31,612) 146,765 330,470 242,682 128,059 0	E E Labor Labor E Labor	980,580 (31,612)			330,470
1901001 1901001 1901001 1901001 1901001 1901001 1901001	576F 602A 605E 605F 605I 605J 605O 605P 610A 610U	576F MARK & SPREAD-DEFL-190-A/L 602A PROV WORKER'S COMP 605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN 605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	(31,612) 146,765 330,470 242,682 128,059 0	E Labor Labor E Labor	(31,612)			330,470
1901001 1901001 1901001 1901001 1901001 1901001	602A 605E 605F 605I 605J 605O 605P 610A 610U	602A PROV WORKER'S COMP 605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN 605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	146,765 330,470 242,682 128,059	Labor Labor E Labor				330,470
1901001 1901001 1901001 1901001 1901001	605E 605F 605I 605J 605O 605P 610A 610U	605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN 605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	330,470 242,682 128,059 0	Labor E Labor	242,682			330,470
1901001 1901001 1901001 1901001	605F 605I 605J 605O 605P 610A 610U	605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158 605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	242,682 128,059 0	E Labor	242,682			
1901001 1901001 1901001 1901001	605J 605O 605P 610A 610U	605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	128,059 0	Labor	242,002			
1901001 1901001 1901001	605J 605O 605P 610A 610U	605J EMPLOYER SAVINGS PLAN MATCH 605O ACCRUED PSI PLAN EXP	0					128,059
1901001 1901001	605O 605P 610A 610U	605O ACCRUED PSI PLAN EXP	and the second s	_	0			120,000
1901001	605P 610A 610U			Labor	· ·			198,657
	610A 610U		394,590	E	394,590			
	610U	610A BK PROV UNCOLL ACCTS - ST	33,583	E	33,583			
1901001		610U PROV-TRADING CREDIT RISK - A/L	,	E	0			
1901001	612Y	612Y ACCRD COMPANYWIDE INCENTV PLAN	1,298,898	Labor				1,298,898
1901001	613E	613E ACCRUED BOOK VACATION PAY	1,619,992	Labor				1,619,992
1901001	613K	613K (ICDP)-INCENTIVE COMP DEFERRAL PLAN	148,220	Labor				148,220
1901001	613Y	613Y ACCRUED BK SEVERANCE BENEFITS	61,108	Labor				61,108
1901001	615B	615B ACCRUED INTEREST-LONG-TERM - FIN 48	(716,495)	E	(716,495)			
1901001	615B-MJE	615B-MJE ACCRD INTRST-TAX RES-L/T-FIN 48-MJE	605,420	E	605,420			
1901001	615C	615C ACCRUED INTEREST-SHORT-TERM - FIN 48	(24,096)	E	(24,096)			
1901001	615E	615E ACCRUED STATE INCOME TAX EXP	(123,948)	E	(123,948)			
1901001	615O	6150 BK DFL RAIL TRANS REV/EXP		E	0			
1901001	639A	639A DEFD BK GAIN-NON-AFF SALE-EMA		E	0			
1901001	6411	641I ADVANCE RENTAL INC (CUR MO)	280,440	PTD		280,440		
1901001	642B	642B DEFD REV-BONUS LEASE SHORT-TERM	33,345	Е	33,345			
1901001	642C	642C DEFD REV-BONUS LEASE LONG-TERM	26,593	Е	26,593			
1901001	652G	652G REG LIAB-UNREAL MTM GAIN-DEFL	(130,688)	E	(130,688)			
1901001	663U	663U REG ASSET-DEFERRED BASE LOAD PUR PWR	0	E	0	4.000		
1901001	712P	712P PROF SERVICES CAPITALIZED-TX	1,009	PTD	(000 454)	1,009		
1901001	906F	906F ACCRD OPEB COSTS - SFAS 158	(692,451)	E	(692,451)			670,000
1901001	906K	906K ACCRD SFAS 112 PST EMPLOY BEN	672,069	Labor	44 000 440			672,069
1901001 1901001	906P 911F	906P ACCRD BOOK ARO EXPENSE - SFAS 143 911F-FIN48 FIN 48 DSIT	11,800,149 162,824	E E	11,800,149			
1901001	911Q-DSIT	911Q-DSIT DSIT ENTRY - NORMALIZED	35,913,728	PTD	162,824	35,913,728		
1901001	911V	911V ACCRD SIT TX RESERVE-LNG-TERM-FIN 48	(558,768)	E	(558,768)	33,913,728		
1901001	911V-MJE	911V-MJE ACCRD SIT TX RES-LNG-TERM-FIN 48-MJE	416,399	E	416,399			
1901001	911W	911W ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48	(20,515)	E	(20,515)			
1901001	940A	940A IRS AUDIT SETTLEMENT	(301,785)	Ē	(301,785)			
1901001	940X	940X IRS CAPITALIZATION ADJUSTMENT	288,501	PTD	(007,100)	288,501		
1901001	960E	960E AMT CREDIT - DEFERRED	0	E	0	200,001		
1901001	960Z	960Z NOL - DEFERRED TAX ASSET RECLASS	0	Ē	0			
1901001	980A	980A RESTRICTED STOCK PLAN	27,831	Ē	27,831			
1901001	980J	980J PSI - STOCK BASED COMP	103,897	Е	103,897			
1001000	04.40 84.15	OAAA ACCUMADITO OTATE A/O OFFOOO NAIF	40.404.400	_	40 404 400			
1901002	014A-MJE	014A ACCUM DITC-STATE-A/C 2550002-MJE	16,194,103	E	16,194,103			
1901002	014A	014A-DSITC ADSITC STATE C/F-DEF STATE TAX ASSET-L/T 014C-DSIT NOL-STATE C/F-DEF STATE TAX ASSET-L/T	17,006,004	E	17,006,004			
1901002 1901002	014C 014W	014W-DSIT NOL-STATE C/F-DEF STATE TAX ASSET-L/T	20,934,919	E E	20,934,919 0			
, , , , ,		Forecast Adjustment to 190	4,841,090	_	2,536,881	2,012,685		291,524
		1 0100a3t Aujustinent to 130	4,041,090		2,000,001	2,012,000		291,024
190.1		TOTAL ELECTRIC ACCOUNT SUBTOTAL (Total Company Amount Ties to FF1 p.234(c) Electric)	123,669,008		78,212,489	0 40,560,757	0	4,895,763

AEP West SPP Member Operating Companies PUBLIC SERVICE COMPANY OF OKLAHOMA WORKSHEET C-3 -PRORATION OF PROPERTY-RELATED DEFERRED INCOME TAX BALANCES AS OF DECEMBER 31, 2019

Note: This workpaper documents the calculation of the rate base adjustment to prorate forecasted activity in ADIT required by IRS regulation Section1.167(I)-I(h)(6)(ii) when preparing forecasted rates. This worksheet is not used during Annual True-Ups. Proratable activity in Account 282 results from the use of accelerated tax depreciation on additions to plant in service. The adjustment on line 19 is included on Worksheet C as a reduction to the ending forecasted ADIT balance of account 282. A proration adjustment for account 190, if any, will be calculated beginning on line 20.

Account 2	282 Proration Adjustment			Sou	rce			
1	Rate Year ending balance			WS C-1		•	(1,018,002,789)	
2	Rate Year beginning balance			WS C-2			(1,012,368,994)	
3	Annual forecasted change			Line 1 less Line	e 2	-	-5,633,795	
4	Monthly forecasted change			Line 3 / 12	_		-469,483	
·	menuny rerecasion enange			2.11.0 0 7 1.2			100, 100	
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
		Proratable	D. (1.T.	D '-	Number of			December
	E. C. of Tool Desired	Deferred Tax	Deferred Tax	Days in	Days Left in	D	Daniel III.	Prorated
<u>Line</u>	Future Test Period	Activity	Balance	Month	Period	Proration Amount	Prorated Item	Balance
5	Beginning Balance	(1,012,368,994)	(1,012,368,994)		365	100.00%	(1,012,368,994)	(1,012,368,994)
6	January (line 4)	(469,483)	(1,012,838,476)	31	335	91.78%	, ,	(1,012,799,889)
7	February	(469,483)	(1,013,307,959)	28	307	84.11%	, ,	(1,013,194,769)
8	March	(469,483)	(1,013,777,442)	31	276	75.62%		(1,013,549,775)
9	April	(469,483)	(1,014,246,925)	30	246	67.40%	, ,	(1,013,866,194)
10	May	(469,483)	(1,014,716,408)	31	215	58.90%	, ,	(1,014,142,739)
11	June	(469,483)	(1,015,185,891)	30	185	50.68%	, ,	(1,014,380,696)
12	July	(469,483)	(1,015,655,374)	31	154	42.19%	(198,083)	(1,014,578,779)
13	August	(469,483)	(1,016,124,857)	31	123	33.70%	(158,209)	(1,014,736,988)
14	September	(469,483)	(1,016,594,340)	30	93	25.48%	(119,622)	(1,014,856,610)
15	October	(469,483)	(1,017,063,823)	31	62	16.99%	(79,748)	(1,014,936,358)
16	November	(469,483)	(1,017,533,306)	30	32	8.77%	(41,160)	(1,014,977,518)
17	December	(469,483)	(1,018,002,789)	31	1	0.27%	(1,286)	(1,014,978,804)
18	Ending Balance		(1,018,002,789)					(1,014,978,804)
40	Durantian Adirector and Line 40 Cal (II)) laca Oal (O.)						\$ 3,023,984
19	Proration Adjustment - Line 18 Col. (H)	iess coi. (C)						Ψ 3,023,904
20 21	90 Proration Adjustment Rate Year ending balance Rate Year beginning balance			WS C-1 WS C-2			-	
20 21 22	Rate Year ending balance Rate Year beginning balance Annual forecasted change			WS C-1 WS C-2 Line 20 less Lir			- - 0	
20 21	Rate Year ending balance Rate Year beginning balance			WS C-1 WS C-2			- - 0 0	
20 21 22	Rate Year ending balance Rate Year beginning balance Annual forecasted change	(B) Proratable	(C)	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D)	ne 21 (E) Number of	(F)		(H)
20 21 22	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A)	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in	ne 21 (E) Number of Days Left in		(G)	Prorated
20 21 22	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change	Proratable	(C)	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D)	ne 21 (E) Number of	(F) Proration Amount	0	, ,
20 21 22 23	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month	(E) Number of Days Left in Period 365	Proration Amount 100.00%	(G)	Prorated
20 21 22 23 <u>Line</u> 24 25	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4)	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month	(E) Number of Days Left in Period 365 335	Proration Amount 100.00% 91.78%	(G)	Prorated
20 21 22 23 <u>Line</u> 24	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Lit Line 22 / 12 (D) Days in Month	(E) Number of Days Left in Period 365	Proration Amount 100.00% 91.78% 84.11%	(G)	Prorated
20 21 22 23 <u>Line</u> 24 25	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4)	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month	(E) Number of Days Left in Period 365 335	Proration Amount 100.00% 91.78%	(G)	Prorated
20 21 22 23 <u>Line</u> 24 25 26	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Lit Line 22 / 12 (D) Days in Month	(E) Number of Days Left in Period 365 335 307	Proration Amount 100.00% 91.78% 84.11%	(G)	Prorated
20 21 22 23 <u>Line</u> 24 25 26 27	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31	(E) Number of Days Left in Period 365 335 307 276	Proration Amount 100.00% 91.78% 84.11% 75.62%	(G)	Prorated
20 21 22 23 <u>Line</u> 24 25 26 27 28	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30	(E) Number of Days Left in Period 365 335 307 276 246	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31	(E) Number of Days Left in Period 365 335 307 276 246 215	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29 30	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30	(E) Number of Days Left in Period 365 335 307 276 246 215 185	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29 30 31	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June July	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30 31	(E) Number of Days Left in Period 365 335 307 276 246 215 185 154	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68% 42.19%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29 30 31 32	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June July August	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30 31 31 31	(E) Number of Days Left in Period 365 335 307 276 246 215 185 154 123	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68% 42.19% 33.70%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29 30 31 32 33 34	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June July August September October	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30 31 30 31 30 31	(E) Number of Days Left in Period 365 335 307 276 246 215 185 154 123 93 62	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68% 42.19% 33.70% 25.48% 16.99%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29 30 31 32 33	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June July August September	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30 31 31 30	(E) Number of Days Left in Period 365 335 307 276 246 215 185 154 123 93	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68% 42.19% 33.70% 25.48%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29 30 31 32 33 34 35	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June July August September October November	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30 31 30 31 30 31 30 31	(E) Number of Days Left in Period 365 335 307 276 246 215 185 154 123 93 62 32	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68% 42.19% 33.70% 25.48% 16.99% 8.77%	(G)	Prorated
20 21 22 23 23 24 25 26 27 28 29 30 31 32 33 34 35 36	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June July August September October November December	Proratable Deferred Tax Activity	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30 31 30 31 30 31 30 31	(E) Number of Days Left in Period 365 335 307 276 246 215 185 154 123 93 62 32	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68% 42.19% 33.70% 25.48% 16.99% 8.77%	(G)	Prorated

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year 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)	(I)

Materials & Supplies

<u>Line</u> <u>Number</u>		<u>Source</u>	Balance @ December 31, 2019 FF1, p. 227, Col. (c)	Balance @ December 31, 2018 FF1, p. 227, Col. (b)	Average Balance for Rate Year		
1	Transmission Materials & Supplies	FF1, p. 227, ln 8, Col. (c & b)	1,739,929	1,739,929	1,739,929		
2	Less: Transmission Serving Generation Transmission M&S, Excl Trans Serving Gen	Company Records	1,739,929	1,739,929	1,739,929		
4	General Materials & Supplies	FF1, p. 227, ln 11, Col. (c & b)	244,679	244,679	244,679		
5	Stores Expense (Undistributed) - Account 163	FF1, p. 227, ln 16, Col. (c & b)	-		0		
		<u>Prepaymen</u>	t Balance Summary				
		Average of <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)
6	Totals as of December 31, 2019	7,943,403	(87,039,053)	0	2,460,594	92,521,862	94,982,456
<i>1</i> 8	Totals as of December 31, 2018 Average Balance	7,943,403 7,943,403	(87,039,053) (87,039,053)	0	2,460,594 2,460,594	92,521,862 92,521,862	94,982,456 94,982,456

Prepayments Account	<u> 165 - Balance @ 12/31/2019</u>

		<u>Pr</u>	epayments Account 165 -	<u> Baiance @ 12/31/201</u>					
	Acc. No.	<u>Description</u>	2019 <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)	<u>Explanation</u>
9	1650001	Prepaid Insurance	894,252			350,053	544,199		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	1650004 1650005	Prepaid Interest Prepaid Employee Benefits	0 0	0				0	Prepaid Oklahoma Corporate Commission Fees (OCC) and NERC Assessment Fees.Prepaid Outage Alerts Service, Prepaid AMI Advertising and promotion
12	1650006	Other Prepayments	4,004,763	4,004,763					costs. AR Factoring - Excluded
13	1650009	Prepaid Carry Cost-Factored	116,117	116,117					because it is retail.
14 15 16 17 18	1650010 165001117 165001217 1650014 1650016	Prepaid Pension Benefits Prepaid Sales Taxes Prepaid Use Taxes FAS 158 Qual Contra Asset FAS 112 ASSETS	91,476,551 1,911,803 252,290 (91,476,551)	252,290 (91,476,551) 0		1,911,803	91,476,551	1,911,803 0	Prefunded Pension Expense Non-Cash Offset Excludable from Rate Base SFAS 158 Offset
19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	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 Long Term PRW Without MED-D Benefits PRW for Med-D Benefits FAS158 Contra-PRW Exclude Med-D	699,850 64,328 0 0 0 0 19,932,575 0 (19,932,575)	64,328 0 19,932,575 (19,932,575)		198,738	501,112 0 0 0 0 0 0	699,850 0 0 0 0 0 0 0 0 0 0	Plant (Property) Ins and EIS Excess Liability Ins.
34		Subtotal - Form 1, p 111.57.c	7,943,403	(87,039,053)	0	2,460,594	92,521,862	94,982,456	•

Prepayments	Account	165 -	Balance	@	12/31/2018
•					

	Prepayments Account 105 - Balance @ 12/51/2016								
35	Acc. No.	<u>Description</u>	2018 <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)	<u>Explanation</u>
36	1650001	Prepaid Insurance	894,252			350,053	544,199		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.
37 38	1650004 1650005	Prepaid Interest Prepaid Employee Benefits	0 0	0					Prepaid Oklahoma Corporate Commission Fees (OCC) and NERC Assessment Fees.Prepaid Outage Alerts Service, Prepaid AMI Advertising and promotion
39 40	1650006 1650009	Other Prepayments Prepaid Carry Cost-Factored	4,004,763	4,004,763 116,117					costs. AR Factoring - Excluded because it is retail.
41 42 43	1650010 165001117 165001217	Prepaid Pension Benefits Prepaid Sales Taxes Prepaid Use Taxes	91,476,551 1,911,803 252,290	252,290		1,911,803	91,476,551	91,476,551 1,911,803 0	Prefunded Pension Expense Non-Cash Offset Excludable
44 45	1650014 1650016	FAS 158 Qual Contra Asset FAS 112 ASSETS	(91,476,551)	(91,476,551) 0				0	from Rate Base SFAS 158 Offset Plant (Property) Ins and EIS
46 47 48 49 50 51 52	1650021 1650023 1650028 1650031 1650032 1650033 1650034	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	699,850 64,328 0 0 0 0	64,328		198,738	501,112 0 0 0 0	699,850 0 0 0 0 0	Excess Liability Ins.
53 54 55 56 57 58 59 60 61 62 63	1650035 1650036 1650037	PRW Without MED-D Benefits PRW for Med-D Benefits FAS158 Contra-PRW Exclude Med-D	19,932,575 0 (19,932,575)	19,932,575 (19,932,575)			0	0 0 0 0 0 0	
64 65 66 67 68		Subtotal - Form 1, p 111.57.e d	7,943,403	(87,039,053)	0	2,460,594	92,521,862	94,982,456	

(I)

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet D - Working Capital Rate Base Adjustments

(D)

(E)

(F)

(G)

PUBLIC SERVICE COMPANY OF OKLAHOMA

(C)

(A)

(B)

Page: 24 of 59

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet E - IPP Credits PUBLIC SERVICE COMPANY OF OKLAHOMA

<u>Line</u> Number	(A) <u>Description</u>	(B) <u>2019</u>
1	Net Funds from IPP Customers @ 12/31/2018 (2019 FORM 1, P269, (B))	1,050,066
2	Interest Accrual (Company Records)	-
3	Revenue Credits to Generators (Company Records)	
4 5 6	Other Adjustments (Company Records) Accounting Adjustment	
7	Net Funds from IPP Customers 12/31/2019 (2019 FORM 1, P269, (F))	1,050,066
8	Average Balance for 2019 ((ln 1 + ln 7)/2)	1,050,066

AEP West SPP Member Operating Companies

Actual / Projected 2019 Rate Year Cost of Service Formula Rate

Worksheet F - Calculation of PROJECTED Annual Revenue Requirement for Base Plan and Special-Billed Projects PUBLIC SERVICE COMPANY OF OKLAHOMA

<u>Line</u> I. Calculate Return and Income Taxes with 0 basis point ROE increase for Projects Qualified for Incentive. Number

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

1	ROE w/o incentives (TCOS, In 1	41)		10.50%	
1	ROE W/O Incentives (1003, III I	41)		10.50%	
2	Project ROE Incentive Adder (En	iter as whole number))	- b	asis points
3	ROE with additional 0 basis point	ROE with additional 0 basis point incentive			==Incentive ROE
4	Determine R (cost of long term d	lebt, cost of preferred	stock and percent is from	TCOS, Ins 139 through 1	41)
5		<u>%</u>	Cost	Weighted cost	
6	Long Term Debt	51.00%	5.17%	2.64%	
7	Preferred Stock	0.00%	0.00%	0.00%	
8	Common Stock	49.00%	10.50%	<u>5.14%</u>	
9			R =	7.78%	

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

10	Rate Base (TCOS, In 62)	490,471,199
11	R (from A. above)	0.0778_
12	Return (Rate Base x R)	38,177,867

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

13	Return (from B. above)	38,177,867
14	Tax Rate (TCOS, In 97)	25.34%
15	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =	22.43%
16	Income Tax Calculation (Return x EIT)	8,563,374
17	ITC Adjustment (TCOS, In 106)	(389,268)
18	Excess DFIT Adjustment (TCOS, In 107)	(2,558,970)
19	Tax Effect of Permanent and Flow Through Differences (TCOS, In 108)	81,004
20	Income Taxes	5,696,140

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

650,253,794

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

21	Net Revenue Requirement (TCOS, In 115)	94,141,628
22	Return (TCOS, In 110)	38,177,867
23	Income Taxes (TCOS, In 109)	5,696,140
24	Gross Margin Taxes (TCOS, In 114)	-
25	Net Revenue Requirement Less Return and Taxes	50 267 621

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

Net Revenue Requirement, Less Return and Taxes	50,267,621
Return (from I.B. above)	38,177,867
Income Taxes (from I.C. above)	<u>5,696,140</u>
Net Revenue Requirement, with 0 Basis Point ROE increase	94,141,628
Gross Margin Tax with Basis Point ROE Increase (II C. below)	
Revenue Requirement w/ Gross Margin Taxes	94,141,628
Less: Depreciation (TCOS, In 84)	21,536,480
Net Rev. Req, w/0 Basis Point ROE increase, less Depreciation	72,605,148

C. Determine Gross Margin Tax with hypothetical 0 basis point increase in ROE. Net Revenue Requirement before Gross Margin Taxes, with 0 94.141.628

34	Net Revenue Requirement before Gross Margin Taxes, with 0	94,141,020
35	Basis Point ROE increase (II B. above)	
36	Apportionment Factor to Texas (Worksheet K, In 12)	0.00%
37	Apportioned Texas Revenues	-
38	Taxable Percentage of Revenue	22%
39	Taxable, Apportioned Margin	-
40	Texas Gross Margin Tax Rate	1%
41	Texas Gross Margin Tax Expense	-
42	Gross-up Required for Gross Margin Tax Expense	
43	Total Additional Gross Margin Tax Revenue Requirement	-

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

45	Net Revenue Requirement, with 0 Basis Point ROE increase	94,141,628
46	FCR with 0 Basis Point increase in ROE	14.48%
47	Net Rev. Req, w / 0 Basis Point ROE increase, less Dep.	72,605,148
48	FCR with 0 Basis Point ROE increase, less Depreciation	11.17%
49	FCR less Depreciation (TCOS, In 10)	<u>11.17%</u>
50	Incremental FCR with 0 Basis Point ROE increase, less Depreciation	0.00%

III. Calculation of Composite Depreciation Rate

Net Transmission Plant (TCOS, In 37)

27 28

51	Transmission Plant @ Beginning of Period (Worksheet A In 9 col. ((D))	907,181,078
52	Transmission Plant @ End of Period (Worksheet A In 9 col. ((C))	946,288,588
		1,853,469,667
53	Transmission Plant Average Balance for 2019	926,734,833
54	Annual Depreciation Expense (TCOS, In 84)	23,388,402
55	Composite Depreciation Rate	2.52%
56	Depreciable Life for Composite Depreciation Rate	39.62
57	Round to nearest whole year	40

AEP - SPP Formula Rate TCOS - WS F Page: 25 of 59

Note: Worksheets F and G are both populated from the TCOS worksheet every update. Worksheet F is only used in Projections. Worksheet G is used only in True-Ups. These worksheets add up all of the individual SPP Base Plan projects, Requested Upgrades, Economic Upgrades, or any other projects billed by SPP through other than the NITS

SUMMARY OF PROJECTED ANNUAL BASE PLAN AND NON-BASE PLAN REVENUE REQUIREMENTS

Rev Require With Incentives Incentive Amounts

5 Projected Year 2019 7,284,760 7,284,760 \$ -

NOTE: PART IV ---Projected Base Plan Project Tables are contained in a separate file

'Worksheet F -- PUBLIC SERVICE COMPANY OF OKLAHOMA -- Calculation of Projected ARR for SPP Base Plan Upgrade Projects

IV. Determine the Revenue Requirement & Additional Revenue Requirement for facilities receiving incentives.

A. Facilities receiving incentives accepted by FERC in Docket No.

Project Description:

DETAILS

Project Number

Investment (EOY)		Projected Year				2019	
Service Year (yyyy)		ROE increase accepted by	FERC (Basis Points)			- 11.17%	
Service Month (1-12)	-	FCR w/o incentives, less de	FCR w/o incentives, less depreciation				
Useful life	-	FCR w/incentives approved	for these facilities, less	s dep.		11.17%	
CIAC (Yes or No)		Annual Depreciation Expens	se			-	
Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Annual Revenue Requirement	Annual Revenue Req't. with Incentives	Additional Rev. Requirement **	
-	-	-	-	-	-	\$ \$	
		-	-	_	-	\$ - \$	
	_	_	_	_	_	\$ -	
-	_	_	_	_	_	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
	-	-	-	-	-	\$ - \$ -	
_		-	_	_	-	- \$ -	
			-	_	_	\$ -	
_	_	_	_	_	_	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
_	_	-	-	_	-	\$ - ¢	
_		_	_	_	-	\$ -	
-	_	-	_	_	-	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
			-	-	-	\$ - \$ -	
] -			-	-	-	\$ -	
	-		-	-	-	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	\$ -	
	-	-	-	-	-	-	
-	-	-	-	-	-	-	
-	-	-	-	-	-	\$ •	
	_	-	-	-	-	\$ - \$ -	
			-		-	\$ -	
	_	_	-	_	-	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	\$ -	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
-	-	-	-	-	-	\$ - ¢ -	
] :						- \$ -	
				<u> </u>		Ψ -	

^{**} This is the calculation of additional incentive revenue on projects deemed by the FERC to be eligible for an incentive return. This additional incentive requirement is applicable for the life of this specific project. Each year the revenue requirement calculated for SPP should be incremented by the amount of the incentive revenue calculated for that year on this project.

Project Totals

Current Projected Year ARR

Current Projected Year ARR w/ Incentive

Current Projected Year Incentive ARR

CUMMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:
INPUT PROJECTED ARR (WITH & WITHOUT INCENTIVES) FROM EACH PRIOR YEAR
TEMPLATE BELOW TO MAINTAIN HISTORY OF PROJECTED ARRS OVER THE
LIFE OF THE PROJECT.

PROJECTED Rev. Req't From Prior Year Template w/o Incentives	Project Rev Req't True-up w/o Incentives	PROJECTED Rev. Req't From Prior Year Template with Incentives **	Project Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
	\$ \$		\$ -	\$ - \$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	-		\$ -	-
	\$ - \$ -		\$ \$	\$ - \$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	-		\$ -	-
	\$ - \$ -		\$ - \$ -	\$ - \$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	-
	\$ - \$ -		\$ - \$ -	\$ - \$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	-		\$ -	-
	\$ -		\$ - \$ -	\$ -
	\$ - \$ -		\$ -	\$ - \$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	-
	-		\$ - \$ -	\$ - \$ -
	\$ - \$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	-
	- •		-	-
	\$ - \$		\$ - \$	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	-
	- •		-	-
	\$ -		\$ -	\$ -
	\$ -		\$ -	-
			\$ - ¢	
	- \$ -		\$ - \$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	-
			\$ -	
	э -		\$ - \$ -	э \$
	\$ -		\$ -	\$ -
	\$ -		\$ -	-
	-		\$ -	-
	- \$ -		\$ - \$ -	\$ - \$
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		-	\$ -

AEP West SPP Member Operating Companies

Actual / Projected 2019 Rate Year Cost of Service Formula Rate

Worksheet G - Calculation of TRUED-UP Annual Revenue Requirement for Base Plan and Special-Billed Projects

PUBLIC SERVICE COMPANY OF OKLAHOMA

<u>Line</u> I. Calculate Return and Income Taxes with 0 basis point ROE increase for Projects Qualified for Incentive. Number

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

1	ROE w/o incentives (TCOS, In 141)			10.50%	
2	Project ROE Incentive Adder (Enter	Project ROE Incentive Adder (Enter as whole number)			
3	ROE with additional 0 basis point in	ROE with additional 0 basis point incentive			
4	Determine R (cost of long term deb	t, cost of preferred s	tock and percent is from TC	OS, Ins 139 through 141)	
5		<u>%</u>	Cost	Weighted cost	
6	Long Term Debt	51.00%	5.17%	2.64%	
7	Preferred Stock	0.00%	0.00%	0.00%	
8	Common Stock	49.00%	10.50%	<u>5.14%</u>	
9			R =	7.78%	

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

10	Rate Base (TCOS, In 62)	490,471,199
11	R (from A. above)	0.0778
12	Return (Rate Base x R)	38,177,867

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

13	Return (from B. above)	38,177,867
14	Tax Rate (TCOS, In 97)	25.34%
15	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =	22.43%
16	Income Tax Calculation (Return x EIT)	8,563,374
17	ITC Adjustment (TCOS, In 106)	(389,268)
18	Excess DFIT Adjustment (TCOS, In 107)	(2,558,970)
19	Tax Effect of Permanent and Flow Through Differences (TCOS, In 108)	81,004
20	Income Taxes	5,696,140

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

650,253,794

907,181,078

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

21	Net Revenue Requirement (TCOS, In 115)	94,141,628
22	Return (TCOS, In 110)	38,177,867
23	Income Taxes (TCOS, In 109)	5,696,140
24	Gross Margin Taxes (TCOS, In 114)	<u>-</u> _
25	Net Revenue Requirement, Less Return and Taxes	50,267,621

B. Determine Net Revenue Requirement with hypothetical 0 basis point increase in ROE. Net Revenue Requirement, Less Return and Taxes 50 267 621

26	Net Revenue Requirement, Less Return and Taxes	50,267,621
27	Return (from I.B. above)	38,177,867
28	Income Taxes (from I.C. above)	<u>5,696,140</u>
29	Net Revenue Requirement, with 0 Basis Point ROE increase	94,141,628
30	Gross Margin Tax with Basis Point ROE Increase (II C. below)	
31	Revenue Requirement w/ Gross Margin Taxes	94,141,628
32	Less: Depreciation (TCOS, In 84)	21,536,480
33	Net Rev. Req, w/0 Basis Point ROE increase, less Depreciation	72,605,148

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

	, , , , , , , , , , , , , , , , , , ,	
34	Net Revenue Requirement before Gross Margin Taxes, with 0	94,141,628
35	Basis Point ROE increase (II B. above)	
36	Apportionment Factor to Texas (Worksheet K, In 12)	0.00%
37	Apportioned Texas Revenues	-
38	Taxable Percentage of Revenue	22%
39	Taxable, Apportioned Margin	-
40	Texas Gross Margin Tax Rate	1%
41	Texas Gross Margin Tax Expense	-
42	Gross-up Required for Gross Margin Tax Expense	-
43	Total Additional Gross Margin Tax Revenue Requirement	-

D. Determine FCR with hypothetical 0 basis point ROE increase. Net Transmission Plant (TCOS, In 37)

45	Net Revenue Requirement, with 0 Basis Point ROE increase	94,141,628
46	FCR with 0 Basis Point increase in ROE	14.48%
47	Net Rev. Req, w / 0 Basis Point ROE increase, less Dep.	72,605,148
48	FCR with 0 Basis Point ROE increase, less Depreciation	11.17%
49	FCR less Depreciation (TCOS, In 10)	<u>11.17%</u>
50	Incremental FCR with 0 Basis Point ROE increase, less Depreciation	0.00%

III. Calculation of Composite Depreciation Rate

Transmission Plant @ Beginning of Period (Worksheet A In 9 col. ((D))

44

52	Transmission Plant @ End of Period (Worksheet A In 9 col. ((C))	946,288,588
		1,853,469,667
53	Transmission Plant Average Balance for 2019	926,734,833
54	Annual Depreciation Expense (TCOS, In 84)	23,388,402
55	Composite Depreciation Rate	2.52%
56	Depreciable Life for Composite Depreciation Rate	39.62
57	Round to nearest whole year	40

AEP - SPP Formula Rate TCOS - WS G Page: 27 of 59

Note: Worksheets F and G are both populated from the TCOS worksheet every update. Worksheet F is only used in Projections. Worksheet G is used only in True-Ups. These worksheets add up all of the individual SPP Base Plan projects, Requested Upgrades, Economic Upgrades, or any other projects billed by SPP through other than the NITS rate

SUMMARY OF TRUED-UP ANNUAL REVENUE REQUIREMENTS FOR SPP BPU & NON-BPU PROJECTS							
		Rev R	tequire	With	Incentives	Incentiv	ve Amounts
True-Up Rate Year	2017						
∑ True Up Year Proje	cted WS-F	\$	6,729,904	\$	6,729,904	\$	-
∑ True-Up Year True-	·Up WS-G	\$	6,814,046	\$	6,814,046	\$	-
True-up Adjustment Fo	or 2017	·	84,142	·	84,142		-

NOTE: PART IV --- True-Up Base Plan Project Tables are contained in a separate file

Worksheet G -- PUBLIC SERVICE COMPANY OF OKLAHOMA-- Calculation of Trued-Up ARR for SPP Base Plan Upgrade Projects

IV. Determine the Revenue Requirement, and Additional Revenue Requirement for facilities receiving incentives.

ted by FERC in Docket No.				
Project Number				
True-Up Year	2017			
ROE increase accepted by FERC (Basis Points)	-			
FCR w/o incentives, less depreciation	FCR w/o incentives, less depreciation 11.179			
FCR w/incentives approved for these facilities, less dep.	FCR w/incentives approved for these facilities, less dep. 11.17%			
Annual Depreciation Expense				
	Project Number True-Up Year ROE increase accepted by FERC (Basis Points) FCR w/o incentives, less depreciation FCR w/incentives approved for these facilities, less dep.			

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	Annual Revenue Requirement	Annual Revenue Req't. with Incentives	Incentive Rev. Requirement **
2013	-	-	-	-	\$0	\$0	\$ -
2014	-	-	-	-	-	-	\$ -
2015	-	-	-	-	-	-	\$ -
2016	-	-	-	-	-	-	\$ -
2017	_	-	-	-	-	_	\$ -
2018	_	-	-	-	_	_	\$ -
2019	_	_	_	-	_	-	\$ -
2020	_	-	_	_	_	_	\$ -
2021	_	_	_	_	_		\$ -
2022	_	_	_	_	_		\$ -
2023	_	_	_	_	_		\$ -
2024	_	_	_	_	_		\$ -
2025	_	_	_	_	_	_	Ψ \$ -
2026		_	-	- -	_		φ - ¢ _
2027	_	-	-		_	-	Ф Ф
	_	-		-		-	Ф Ф
2028	-	-	-	-	-	-	φ - ¢
2029	-	-	-	-	-	-	-
2030	-	-	-	-	-	-	\$ -
2031	-	-	-	-	-	-	5 -
2032	-	-	-	-	-	-	-
2033	-	-	-	-	-	-	\$ -
2034	-	-	-	-	-	-	\$ -
2035	-	-	-	-	-	-	\$ -
2036	-	-	-	-	-	-	\$ -
2037	-	-	-	-	-	-	\$ -
2038	-	-	-	-	-	-	\$ -
2039	-	-	-	-	-	-	\$ -
2040	-	-	-	-	-	-	\$ -
2041	-	-	-	-	-	-	\$ -
2042	-	-	-	-	-	-	\$ -
2043	-	-	-	-	-	-	\$ -
2044	-	-	-	-	-	-	\$ -
2045	-	-	-	-	-	-	\$ -
2046	-	-	-	-	-	-	\$ -
2047	_	-	-	_	_	_	\$ -
2048	_	-	-	_	_	_	\$ -
2049	_	-	_	_	_	_	\$ -
2050	_	_	_	-	_	_	\$ -
2051	_	_	_	_	_	.	\$ -
2052	_	_	_		_	_	\$ -
2053		_	_	_		_ [\$ -
2054		_	_			_ [\$ \$
2055		<u>-</u> _		-		_ [Ψ - ¢
2056	·	-	-	-		·	Ψ <u>-</u> ¢
2057	_	-	-	-	-	-	ψ - ¢
	_	-	-	-		-	Ψ - ¢
2058	_	-	-	-	-	-	φ - ¢
2059	-	-	-	-	-	-	-
2060	-	-	-	-	-	-	-
2061	-	-	-	-	-	-	-
2062	-	-	-	-	-	-	5 -
2063	-	-	-	-	-	-	\$ -
2064	-	-	-	-	-	-	\$ -
2065	-	-	-	-	-	-	\$ -
2066	-	-	-	-	-	-	\$ -
2067	-	-	-	-	-	-	\$ -
2068	-	-	-	-	-	-	\$ -

4,670,144

4,670,144

	0047	Davi Damilaa	//	In a setting American
	2017	Rev Require	w/Incentives	Incentive Amounts
Rate Ye	ar Projected (WS-F)			-
Rate Ye	ear True-Up (WS-G)			-
	True-Up Adjustment			-

CUMMULATIVE HISTORY OF TRUED-UP ANNUAL REVENUE REQUIREMENTS:
INPUT TRUE-UP ARR (WITH & WITHOUT INCENTIVES) FROM EACH PRIOR YEAR
TEMPLATE BELOW TO MAINTAIN HISTORY OF TRUED-UP ARRS OVER THE
LIFE OF THE PROJECT.

BPU Rev. Req't.From Prior	BPU Rev Req't	BPU Rev. Req't.From	BPU Rev Rea't True-	
Year Template w/o Incentives	True-up w/o Incentives	Prior Year Template with Incentives **	up with Incentives **	True-up of Incentive with Incentives **
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		-	\$ -
	\$ - \$ -		\$ - \$ -	\$ - \$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	-		\$ -	\$ -
	\$ - \$ -		\$ - \$ -	\$ - \$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		-	\$ -
	\$ - \$ -		\$ - \$ -	\$ - \$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		-	\$ -
	\$ - \$ -		\$ - \$ -	\$ \$
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	-		\$ -	\$ -
	\$ - \$ -		-	\$ - \$ -
	ъ - \$ -		\$ - \$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	-		\$ -	\$ -
	\$ - \$ -		\$ - \$ -	\$ - \$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ ¢		\$ - ¢	- •
	\$ - \$ -		\$ - \$ -	- \$ -
	\$ -		\$ -	\$ -
	\$ -			-
	\$ -		-	-
	\$ - \$ -		\$ \$	ъ - \$ -
	\$ - \$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ - \$ -		\$ -	-
	\$ •		-	-
	\$ - \$ -			ъ - \$ -
			\$ -	\$ -
	\$ - \$ -		\$ -	\$ -
	-		-	-
	\$ - \$		- e	
	\$ - \$ -		\$ - \$ - \$	\$ -
	Ψ		₹	₹

Project Totals 1,035,552

** This is the total amount that needs to be reported to SPP for billing to all regions.

^{**} This is the calculation of additional incentive revenue on projects deemed by the FERC to be eligible for an incentive return. This additional incentive requirement is applicable for the life of this specific project. Each year the revenue requirement calculated for SPP should be incremented by the amount of the incentive revenue calculated for that year on this project.

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet H - Revenue Credits PUBLIC SERVICE COMPANY OF OKLAHOMA

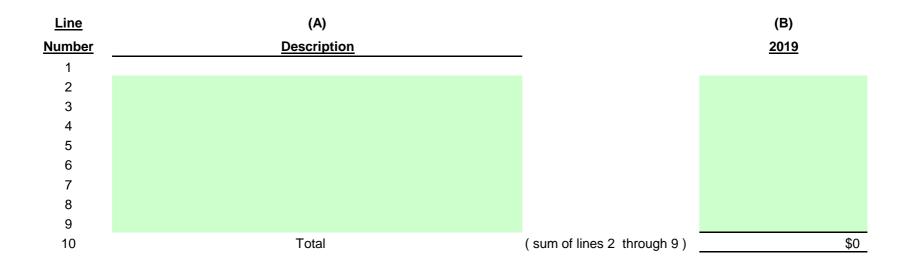
Line:		Total Company	Non- Transmission	Transmission
1	Account 450, Forfeited Discounts (FF1 p.300.16.(b); Company Records - Note 1)	2,627,160	2,627,160	-
2	Account 451, Misc. Service Revenues (FF1 p.300.17.(b); Company Records - Note 1)	306,000	306,000	-
	Account 454, Rent from Electric Property (FF1 p.300.19.(b); Company Records - Note 1)			
	Account 4540001 - Rent from Elect Property-Aff	3,742,538	3,440,337	302,202
	Account 4540002 - Rent from Elect Property - Non-Aff	159,360	47,739	111,621
	Account 4540005 - Rent from Elect Property - Pole Attach	2,700,000	2,646,735	53,265
	Account 4540004 - Rent from Elect Property - ABD - Non-Aff	50,000	50,000	
	Other 454 Accounts			
3	Total Rents from Electric Property	6,651,898	•	467,087
	Account 456.0 Other Operating Revenues (FF1 p.300.21.(b); Company Records - Note 1)			
	1 Account 4560015, Revenues from Associated Business Development	5,054,790		157,404
	2 All Other 456.0 Revenues	4,884,491		-
4	Total 456.0 Other Operating Revenues	9,939,281		157,404
	Account 456.1, Revenues from Transmission of Electricity of Others (FF1 p.300.22.(b); Com	npany Records	- Note 1)	44,418,235
	Less:			
	Transmission Direct Assignment Revenue (if costs not in the ARR)			-
	Sponsored Upgrade Revenue			
	Credits against Transmission Service Revenue related to Generation Interconnections			-
	Revenue for GFA's (Relative to SPP OATT) Associated with Load Included in the Divisor			
	Network Service Revenue (SPP Schedule 9) Associated with Load included in the Divisor			14,105,983
	Revenue Associated with Transmission Plant Excluded From SPP Tariff			
	Distribution and Other Non-Transmission Revenue			
	Revenue from SPP Ancillary Services Provided			698,788
	Base Plan Revenue (from SPP)			23,875,227
	Flow Through of ERCOT Ancillary Charges			
	Other			
5	Net 456.1 Trans	smission Credi	ts	\$5,738,236
6	Account 457.1, Regional Control Service Revenues (FF1 p.300.23.(b); Company Records - Note 1)			
7	Account 457.2, Miscellaneous Revenues (FF1p.300.24.(b); Company Records - Note 1)			
8	Total Revenue Credits - Sum lines 1 through 7			\$6,362,727

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

Page: 30 of 59

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet I - Supporting Transmission Expense Adjustments PUBLIC SERVICE COMPANY OF OKLAHOMA

Note: This worksheet is used to include any FERC jurisdictional transmission-related (i.e. non-retail) expenses recorded in Accounts 561 or 565 which are includable in the formula on TCOS line 66, and make any other necessary FERC jurisdictional adjustments to Transmission O&M.



AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet J - Allocation of Specific O&M or A&G Expenses PUBLIC SERVICE COMPANY OF OKLAHOMA

	(A)	(B)	(C)	(D)	(E)	(F)
<u>Line</u> Number	FERC Acct No.	<u>Description</u>	<u>2019</u> <u>Expense</u>	100% Non-Transmission	100% Transmission Specific	Explanation of Transmission Specific Items
		Account 928				
1 2 3 4 5 6 7 8 9 10 11 12 13 14	928	Regulatory Commission Expense	2,394,308	2,394,308	0	
15						
16		Total (FERC Form 1 p.323.189.b)	2,394,308	2,394,308	0	
		<u>Account 930.1</u>				
17 18 19 20 21	9301000	General Advertising Expenses	220,868	220,868		
22		Total (FERC Form 1 p.323.191.b)	220,868	220,868	0	
						
23 24 25 26 27	9302000	Account 930.2 Misc General Expenses	4,225,196	4,225,196		
28		Total (FERC Form 1 p.323.192.b)	4,225,196	4,225,196		

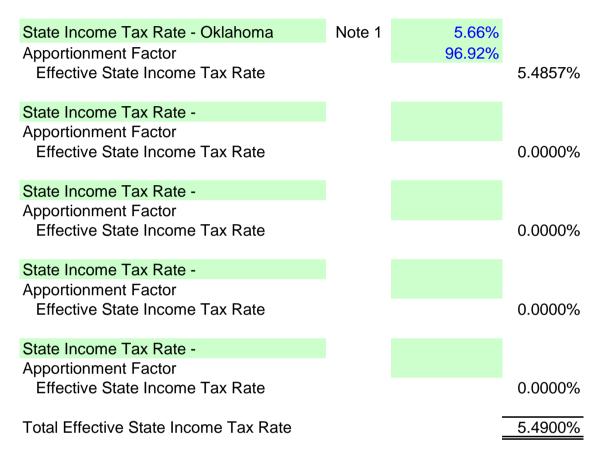
AEP West SPP Member Operating Companies

Actual / Projected 2019 Rate Year Cost of Service Formula Rate

Worksheet K - Development of Composite State Income Tax Rate

PUBLIC SERVICE COMPANY OF OKLAHOMA

I. DEVELOPMENT OF COMPOSITE STATE INCOME TAX RATES FOR 2019



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.

II. CALCULATION OF TEXAS GROSS MARGIN TAX

		Projected / Actual	
Line #	REVENUE REQUIREMENT BEFORE TEXAS GROSS MARGIN TAX (TCOS In 114)	Total Company 362,427,601	Trans. Only 94,141,628
1	Apportionment Factor to Texas (In12)	0.00%	0.00%
2	Apportioned Texas Revenues	\$0	\$0
3	Taxable Percentage of Revenue	22%	22%
4	Taxable, Apportioned Margin	-	-
5	Texas Gross Margin Tax Rate	1%	1%
6	Texas Gross Margin Tax Expense	-	-
7	Gross-up Required for Texas Gross Margin Expense ((ln 6 * ln 3 * ln 1)/(1- ln 5) * ln 5)	-	-
8	Total Additional Gross Margin Tax Revenue Requirement	-	-
9	WHOLESALE LOAD ALLOCATOR (For Use in Gross Margin Tax Allocator)		
10	Texas Jurisdictional Load 0 KW		
11	Total Load KW		
12	Allocation Percentage (In 10 / In 11) 0.00%		

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet L - Taxes Other than Income PUBLIC SERVICE COMPANY OF OKLAHOMA

	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	Account	Total Company	Property	Labor	Other	Non-Allocable
						THOM / HIOGADIO
1 2 3	Revenue Taxes State Gross Receipts/OH CAT Tax	-				-
4 5 6 7 8 9	Real Estate and Personal Property Taxes Oklahoma Ad Valorum, excluding Trans Serving Generation Texas Ad Valorum and Personal Property Ad Valorum for Transmission Serving Generation	38,804,640 1,616,860 -	38,804,640 1,616,860 -			_
10 11 12 13 14	Payroll Taxes Federal Insurance Contribution (FICA) Federal Unemployment Tax State Unemployment Insurance	5,783,588 30,972 61,014		5,783,588 30,972 61,014		
15 16 17 18	Production Taxes					-
19	Miscellaneous Taxes					
20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	Federal Excise Tax Ok State Franchise Tax Ok Sales & Use Taxes Ok Local Franchise Tax - 2016 Ok Lsd PP Tax State License Fee Tx Sales & Use Taxes Unemployement TX - 015 TX Lsd PP Tax Ok Misc Tax MT Misc Tax Wy Misc Tax Public Service Commission Fees	- 12,000 182,000			- 12,000 182,000 - - - - -	-
35	Total Taxes by Allocable Basis (Total Company Amount Ties to FFI p.114, Ln 14,(c))	46,491,074	40,421,500	5,875,574	194,000	

NOTE: As a check, the difference between the total from Ln 35 above and the total on FF1 p.263 line 41(i) should equal the sum of the 'income' tax line items within FF1 p262.x-263.x

Page: 34 of 59

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate

Worksheet M

PUBLIC SERVICE COMPANY OF OKLAHOMA

Calculation of Capital Structure and Weighted Average Cost of Capital Based on Average of Balances At 12/31/2018 and 12/31/2019

(A)	(B)	(C)	(D)	(E)
<u>Line</u>		Balances @ 12/31/2019	Balances @ 12/31/2018	Average
<u>Develo</u>	oment of Average Balance of Common Equity			
1	Total Proprietary Capital (p. 112.16.c&d)	1,326,353,818	1,255,743,797	1,291,048,808
2	Less Preferred Stock from Ln 43 below	-	-	-
3	Less Account 216.1 (p. 112.12.c&d)	-	-	-
4	Less Account 219.1 (p. 112.15.c&d)	1,325,251	2,173,053	1,749,152
5	Average Balance of Common Equity	1,325,028,566	1,253,570,744	1,289,299,655
<u>Develo</u>	oment of Cost of Long Term Debt Based on Ave	erage Outstanding Ba	<u>lance</u>	
6	Account 221 Bonds (112.18.c&d)		-	_
7	Less: Account 222 Reacquired Bonds (112.19.c&d)	-	_	-
8	Account 223 LT Advances from Assoc. Comp. (112.20.c&	-	-	-
9	Account 224 Senior Unsecured Notes (112.21.c&d)	1,391,719,866	1,292,201,442	1,341,960,654
10	Less: Non-Transmission Securitization (Co. Records)	-	-	-
11	Total Long-Term Debt	1,391,719,866	1,292,201,442	1,341,960,654
12	Annual Interest Expense			
13	Interest on Long Term Debt - Accts 221 - 224 (256-257.33.i	(1)		67,618,720
14	Less: Financial Hedge Gain/Expense from Ln 28 Included in			(1,279,141)
15	Plus: Allowed Hedge Recovery from Ln 32 below			(1,279,141)
16	Amort of Debt Discount & Expense - Acct 428 (117.63.c)			1,012,129
17	Amort of Loss on Reacquired Debt - Acct 428.1 (117.64.c)			807,782
18	Less: Amort of Premium on Debt - Acct 429 (117.65.c)			-
19	Less: Amort of Gain on Reacquired Debt - Acct 429.1 (117.	66.c)		-
20	Less: Non-Trans. Securitization (Company Records)			-
21	Total Interest Expense (Ln 13 + Ln 14 + Ln 15 + Ln 16 +	Ln 17 - Ln 18 - Ln 19 - Ln	20)	69,438,631
22	Average Cost of Debt (Ln 21/Ln 11)			5.17%
23	Financial Hedge Amortization Reported in Column (i) on Pa	ge 256-257 (Enter Gains a	s a Negative Numbe	er)
24	SUN Series I 4.4% Financial Hedge (p. 257.1 Ln 7.i)	· ·	ŭ	(1,279,141)
25	SUN Series F 6.15% Financial Hedge (p. 256.1 Ln 15.i)			· · · · · · · · · · · · · · · · · · ·
26				
27				
28	Total Hedge Amortization			(1,279,141)
29	Total Average Capital Balance (TCOS, Ln 142)			2,631,260,309
30	Financial Hedge Recovery Limit - Five Basis Points of Tota	ıl Capital		0.0005
31	Limit of Recoverable Amount	`	-	(1,315,630)
32	Recoverable Hedge Amortization (Lesser of Ln 28 or 31)	-	-l l - 00 l - 01	(1,279,141)
	(lesser of 5 basis point Cap or Actual (Gain)/Expense based	a on magnitude as indicated	u on En 28 or En 31,)

Development of Cost of Preferred Stock

	Preferred Stock			<u>Average</u>
33	% Series Dividend Rate (p. 250-251a)			
34	% Series Par Value (p. 250-251c)			
35	% Series Shares O/S (p.250-251e)			
36	% Series Monetary Value (Ln 34 * Ln 35)	-	-	-
37	% Series Dividend Amount (Ln 33 * Ln 36)	-	-	-
38	% Series Dividend Rate (p. 250-251a)			
39	% Series Par Value (p. 250-251c)			
40	% Series Shares O/S (p.250-251e)			
41	% Series Monetary Value (Ln 39 * Ln 40)	-	-	-
42	% Series Dividend Amount (Ln 38 * Ln 41)	-	-	-
43	Balance of Preferred Stock (Lns 36, 41)	-	-	-
44	Dividends on Preferred Stock (Lns 37, 42)	-	-	-
45	Average Cost of Preferred Stock (Ln 44/43)	0.00%	0.00%	0.00%

SOUTHWESTERN ELECTRIC POWER COMPANY

Line No. 1	REVENUE REQUIREMENT (w/o incentives)	(ln 115)	Total		llo catar	 ransmission Amount \$174,756,782
2	REVENUE CREDITS	(Note A) (Worksheet H)	Total 7,016,938	DA	1.00000	\$ 7,016,938
3	Network Customer Owned Facility Credits	Worksheet B				-
4	REVENUE REQUIREMENT For All Company Facilities	(In 1 less In 2 plus In 3)				\$167,739,845
	The Carrying Charge Calculations on lines 7 to 12 below a requirement for these projects shown on line 5 is included		illed through SPP Schedule 11. The total no	n-incentive		
5	Trued-Up / Projected Revenue Requirement for SPP BPU Re (Worksheet F/G)	gional Facilities (w/o incentives)	77,320,358	DA	1.00000	\$ 77,320,358
6	NET PLANT CARRYING CHARGE (w/o incentives) (Note B)					
7	Annual Rate	(In 1/ In 37 x 100%)				13.21%
8	Monthly Rate	(ln 7 / 12)				1.10%
9	NET PLANT CARRYING CHARGE ON LINE 7, W/O DEPRE	CIATION (w/o incentives) (Note B)				
10	Annual Rate	((ln 1 - ln 84) / ln 37 x 100%)				9.96%
11	NET PLANT CARRYING CHARGE ON LINE 9, W/O INCOM	E TAXES, RETURN (Note B)				
12	Annual Rate	((ln 1 - ln 84 - ln 109 - ln 110) / ln 37 x 100%)				3.34%
13	ADDITIONAL REVENUE REQUIREMENT for projects w/ ince	ntive ROE's (Note C) (Worksheet F/G)				-

SOUTHWESTERN ELECTRIC POWER COMPANY

(1) (2) (3)

		Data Sources				Total
Line	RATE BASE CALCULATION	(See "General Notes")	<u>TO Total</u> NOTE D	<u>Al</u>	<u>locator</u>	<u>Transmission</u>
No.	GROSS PLANT IN SERVICE		<u> 11012 B</u>			
14	Production	(Worksheet A In 3.E)	4,743,193,357	NA	0.00000	_
15	Less: Production ARO (Enter Negative)	(Worksheet A In 6.E)	(61,119,285)	NA	0.00000	-
16	Transmission	(Worksheet A In 9.E & Ln 119)	1,926,953,229	DA	0.0000	1,837,515,573
17	Less: Transmission ARO (Enter Negative)	(Worksheet A In 12.E)	-	TP	0.95359	-
18	Distribution	(Worksheet A In 13.E)	2,271,977,273	NA	0.00000	_
19	Less: Distribution ARO (Enter Negative)	(Worksheet A In 14.E)	2,271,077,270	NA	0.00000	_
20	General Plant	(Worksheet A In 15.E)	300,098,106	W/S	0.07222	21,672,156
21	Less: General Plant ARO (Enter Negative)	(Worksheet A In 16.E)	(937,494)	W/S	0.07222	(67,703)
22	· · · · · · · · · · · · · · · · · · ·	(Worksheet A In 10.E)	138,324,276	W/S	0.07222	9,989,351
	Intangible Plant	,				
23	TOTAL GROSS PLANT	(sum Ins 14 to 22)	9,318,489,462	GP= GTD=	0.20058 0.45892	1,869,109,377
24	ACCUMULATED DEPRECIATION AND AMORTIZATION					
25	Production	(Worksheet A In 22.E)	1,614,568,150	NA	0.00000	-
26	Less: Production ARO (Enter Negative)	(Worksheet A In 25.E)	(12,052,763)	NA	0.00000	-
27	Transmission	(Worksheet A In 28.E & 47.E)	555,592,261	TP1=	0.92651	514,762,994
28	Less: Transmission ARO (Enter Negative)	(Worksheet A In 31.E)	-	TP1=	0.92651	-
29	Distribution	(Worksheet A In 32.E)	760,612,163	NA	0.00000	_
30	Less: Distribution ARO (Enter Negative)	(Worksheet A In 33.E)	700,012,103	NA NA	0.00000	_
31	General Plant	(Worksheet A In 33.E)	162,760,475	W/S	0.07222	11,754,057
32		,	• • •	W/S	0.07222	, ,
32 33	Less: General Plant ARO (Enter Negative)	(Worksheet A In 35.E) (Worksheet A In 36.E)	(546,719)	W/S W/S		(39,482)
	Intangible Plant	,	57,328,344	VV/3	0.07222	4,140,075
34	TOTAL ACCUMULATED DEPRECIATION	(sum Ins 25 to 33)	3,138,261,911			530,617,645
35	NET PLANT IN SERVICE					
36	Production	(In 14 + In 15 - In 25 - In 26)	3,079,558,685			-
37	Transmission	(ln 16 + ln 17 - ln 27 - ln 28)	1,371,360,968			1,322,752,579
38	Distribution	(ln 18 + ln 19 - ln 29 - ln 30)	1,511,365,110			<u>-</u>
39	General Plant	(ln 20 + ln 21 - ln 31 - ln 32)	136,946,855			9,889,878
40	Intangible Plant	(In 22 - In 33)	80,995,932			5,849,275
41	TOTAL NET PLANT IN SERVICE	(sum Ins 36 to 40)	6,180,227,551	NP=	0.21658	1,338,491,732
			3,133,==1,331		0.2.000	.,000, .0.,.02
42	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note E)				
43	Account No. 281.1 (enter negative)	272-273.8.k	_	NA		_
44	Account No. 282.1 (enter negative)	(Worksheet C, In 4 C & In 8 J)	(1,393,536,370)	DA		(271,586,452)
45	Account No. 283.1 (enter negative)	(Worksheet C, In 12 C & In 14 J)	(34,869,315)	DA		376,659
46	Account No. 190.1	(Worksheet C, In 18 C & In 22 J)	113,842,056	DA		1,346,876
47	Account No. 255 (enter negative)	(Worksheet C, In 26 C & In 28 J)	113,042,000	DA		1,340,070
48	TOTAL ADJUSTMENTS	(sum Ins 43 to 47)	(1,314,563,629)	DA		(269,862,917)
40	TOTAL ADJUSTIMENTS	(Sum ms 43 to 47)	(1,314,303,029)			(209,802,917)
49	PLANT HELD FOR FUTURE USE	(Worksheet A In 48.E & 49.E)	1,066,805	DA		-
50	REGULATORY ASSETS	(Worksheet A In 55.E)	-	DA		-
51	WORKING CAPITAL	(Note F)				
52	Cash Working Capital	(1/8 * In 68) (Note G)	2,694,431			2,569,372
53	Transmission Materials & Supplies	(Worksheet D, In 3 F)	107,954	TP	0.95359	102,943
54	A&G Materials & Supplies	(Worksheet D, In 4 F)	77,735	W/S	0.07222	5,614
55	Stores Expense	(Worksheet D, In 5 F)	-	GP	0.20058	-
56	Prepayments (Account 165) - Labor Allocated	(Worksheet D, In 8 G)	97,010,416	W/S	0.07222	7,005,792
57	Prepayments (Account 165) - Gross Plant	(Worksheet D, In 8 F)	1,781,959	GP	0.20058	357,427
58	Prepayments (Account 165) - Transmission Only	(Worksheet D, In 8 E)	-	DA	1.00000	-
59	Prepayments (Account 165) - Unallocable	(Worksheet D, In 8 D)	(69,374,032)	NA NA	0.00000	- -
60	TOTAL WORKING CAPITAL	(sum Ins 52 to 59)	32,298,463	IVA	0.0000	10,041,147
00	TOTAL WORKING CAPITAL	(Sum ms JZ to Ja)	32,290,403			10,041,147
61	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note H) (Worksheet E, In 8 B)	(25,206,735)	DA	1.00000	(25,206,735)
62	RATE BASE (sum Ins 41, 48, 49, 60, 61)		4,873,822,455			1,053,463,228
	·					

AEP West SPP Member Operating Companies Transmission Cost of Service Formula Rate Utilizing Actual / Projected Cost Data for the 2019 Rate Year

SOUTHWESTERN ELECTRIC POWER COMPANY

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

	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	<u>TO Total</u>	Alloc	cator_	Total <u>Transmission</u>
Line						
No.	OPERATION & MAINTENANCE EXPENSE	004.440.1	440,440,000			
63 64	Transmission	321.112.b	140,418,693			
64 65	Less: Transmission Serving Generation Less: Total Account 561	(Note U) Company Records	16 966 990			
65 66	Less: Account 565	(Note I) 321.84-92.b (Note J) 321.96.b	16,866,889 101,996,355			
67	Plus: Includable 561 and 565 Expenses	Worksheet I In 10	\$0			
68	Total O&M Allocable to Transmission	(Ins 63 - 64- 65 - 66 + 67)	21,555,449	TP	0.95359	20,554,973
00	Total Oxivi Allocable to Transitiission	(113 03 - 04- 03 - 00 + 07)	21,333,449	11	0.95559	20,334,973
69	Administrative and General	323.197.b (Note K, M)	68,059,957			
70	Less: Acct. 924, Property Insurance	323.185.b	2,391,927			
71	Acct. 928, Reg. Com. Exp.	323.189.b	428,928			
72	Acct. 930.1, Gen. Advert. Exp.	323.191.b	211,829			
73	Acct. 930.2, Misc. Gen. Exp.	323.192.b	1,139,994			
74	Balance of A & G	(In 69 - sum In 70 to In 73)	63,887,279	W/S	0.07222	4,613,741
75	Plus: Acct. 924, Property Insurance	(In 70)	2,391,927	GP	0.20058	479,774
76	Acct. 928 - Transmission Specific	Worksheet J In 16.(E) (Note L)	-	TP	0.95359	-
77	Acct 930.1 - Only safety related ads -Direct	Worksheet J In 22.(E) (Note L)	-	GP	0.20058	-
78	Acct 930.2 - Misc Gen. Exp Trans	Worksheet J In 28.(E) (Note L)		DA	1.00000	
79	A & G Subtotal	(sum Ins 74 to 78)	66,279,206			5,093,516
80	TOTAL O & M EXPENSE	(In 68 + In 79)	87,834,655			25,648,489
		,	, ,			, ,
81	DEPRECIATION AND AMORTIZATION EXPENSE					
82	Transmission	336.7.b	45,165,576			
83	Less: Transmission Serving Generation	(Note U) Company Records				
84	Includable Transmission	(ln 82 - ln 83)	45,165,576	TP	0.95359	43,069,260
85	General	336.10.b	6,494,132	W/S	0.07222	468,986
86	Intangible	336.1.d	24,484,115	W/S	0.07222	1,768,167
87	TOTAL DEPRECIATION AND AMORTIZATION	(sum Ins 84 to 86)	76,143,824			45,306,413
88 89	TAXES OTHER THAN INCOME Labor Related	(Note N)				
90	Payroll	Worksheet L, Col. D	7,649,032	W/S	0.07222	552,389
91	Plant Related	Welliest 2, 3011 2	7,515,552	***	0.07222	002,000
92	Property	Worksheet L, Col. C	70,044,370	GP	0.20058	14,049,551
93	Non-Allocable Taxes, incl. Transmission Serving Gen.	Worksheet L, Col. F	22,990,000	NA	0.00000	-
94	Other	Worksheet L, Col. E	7,562,000	GP	0.20058	1,516,791
95	TOTAL OTHER TAXES	(sum Ins 90 to 94)	108,245,402			16,118,731
96	INCOME TAXES	(Note O)	0.4.700/			
97	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		24.72%			
98	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =		21.91%			
99	where WCLTD=(In 139) and WACC = (In 142)					
100	and FIT, SIT & p are as given in Note O.		4.2204			
101 102	GRCF=1 / (1 - T) = (from In 97)	(FF1 p.114, ln 19.c)	1.3284			
102	Amortized Investment Tax Credit (enter negative) Excess / (Deficit) Deferred Income Tax	` '	(918,822) (46,303,385)	DA		(5 175 769)
103	Tax Effect of Permanent and Flow Through Differences	Company Records (Note O) Company Records (Note O)	(46,392,385) 1,407,000	DA		(5,175,768) 244,440
104	Tax Enect of Ferniahent and Flow Through Differences	Company Necolds (Note O)	1,407,000	DA		Z 11 ,440
105	Income Tax Prior to Adjustments	(In 98 * In 110)	78,442,576			16,955,146
106	ITC adjustment	(In 101 * In 102)	(1,220,554)	NP	0.21658	(264,343)
107	Excess / (Deficit) Deferred Income Tax	(ln 101 * ln 103)	(61,627,178)	DA	0.2.000	(6,875,438)
108	Tax Effect of Permanent and Flow Through Differences	(In 101 * In 104)	1,869,045	DA		324,712
	ŭ	,	, ,			,
109	TOTAL INCOME TAXES	(sum Ins 105 to 108)	17,463,889			10,140,076
110	RETURN ON RATE BASE (Rate Base*WACC)	(In 62 * In 142)	358,049,317			77,391,368
111	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note E)	(Worksheet E, In 2)	-	DA	1.00000	-
		ON TAX				
112 113	REVENUE REQUIREMENT BEFORE TEXAS GROSS MAR	GIN TAX	647,737,086			174,605,078
113	(sum Ins 80, 87, 95, 109, 110, 111)					
114	TEXAS GROSS MARGIN TAX (Note P) (Worksheet K)		562,781	DA		151,704
445	DEVENUE DECUMPEMENT INCL. ODGGG MADON TOX	(la 440 + 444)	0.40.000.000			474 750 700
115	REVENUE REQUIREMENT INCL GROSS MARGIN TAX	(In 112 + 114)	648,299,868			174,756,782

AEP West SPP Member Operating Companies Transmission Cost of Service Formula Rate Utilizing Actual / Projected Cost Data for the 2019 Rate Year

SOUTHWESTERN ELECTRIC POWER COMPANY

SUPPORTING CALCULATIONS

In No. 116 117 118 119	TRANSMISSION PLANT INCLUDED IN SPP TARIFF Total transmission plant Less transmission plant excluded from SPP Tariff (Workshe Less transmission plant included in OATT Ancillary Services Transmission plant included in SPP Tariff Percent of transmission plant in SPP Tariff						 TP=	1,926,953,229 51,692,079 37,745,577 1,837,515,573 0.95359
	P	(3.3333
121 122 123 124 125 126 127	WAGES & SALARY ALLOCATOR (W/S) Production Transmission Regional Market Expenses Distribution Other (Excludes A&G) Total	(Note S) 354.20.b 354.21.b 354.22.b 354.23.b 354.24,25,26.b (sum Ins 122 to 126)	Direct Payroll 42,943,610 4,183,831 - 29,000,539 7,732,783 83,860,763	Payroll Billed from AEP Service Corp. 14,702,128 4,234,102 - 1,641,582 6,715,774 27,293,586	Total 57,645,738 8,417,933 - 30,642,121 14,448,557 111,154,349	NA TP NA NA NA	0.00000 0.95359 0.00000 0.00000	8,027,223 - - - - - 8,027,223
128	Transmission related amount						W/S=	0.07222
129 130 131 132 133 134 135 136 137	WEIGHTED AVERAGE COST OF CAPITAL (WACC) Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital Less Preferred Stock (In 140) Less Account 216.1 Less Account 219 Common Stock	Long Term Interest (Worksheet M, In. 2) Preferred Stock Dividends (Worksheet (Worksheet M, In. 1, col. (E)) (Worksheet M, In. 2, col. (E)) (Worksheet M, In. 3, col. (E)) (Worksheet M, In. 4, col. (E)) (In 133 - In 134 - In 135 - In 136)						\$ 122,143,004 - Average 2,362,135,378 - 31,744,488 (1,139,895) 2,331,530,785
138 139 140 141 142	Avg Long Term Debt (Worksheet M, In. 11, col. (E)) Avg Preferred Stock (Worksheet M, In. 43, col. (E)) Avg Common Stock (In 137) (Note U) Total (sum Ins 139 to 141)	Rate Year Average Balances 2,663,500,000 - 2,331,530,785 4,995,030,785		Capital Structure Percentage 53.32% 0.00% 46.68%			Cost (Note T) 4.59% 0.00% 10.50% WACC=	Weighted 0.0245 0.0000 0.0490 0.0735

AEP West SPP Member Operating Companies
Transmission Cost of Service Formula Rate
Utilizing Actual / Projected Cost Data for the 2019 Rate Year

SOUTHWESTERN ELECTRIC POWER COMPANY

<u>Letter</u>

General Note: True Up References to data from FERC Form 1 are indicated as: page#.line#.col.#. Rate Year Projections from Company forecasts.

- 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 H 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 calculated from inputs on this TCOS. Line 13 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 and depreciation expense are reduced by the removal of amounts 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 to transmission. Transmission allocations are shown on Worksheet C.
- F Identified as being transmission related or functionally booked to transmission.
- 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 111.
- Line 65 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 than 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 or allocable to transmission service. Worksheet J 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 H.
- M Recoverable PBOP expense is based on actual annual PBOP costs, including charges from the AEP Service Corporation. The PBOP amounts are included in the Administrative and General total, and are based on current year expenses. The annual actuarial valuation report supporting the derivation of the PBOP expense, along with an explanation of PBOP derivation process, is submitted during the formula rate annual update.
- N Includes only FICA, unemployment, property and other assessments charged in the current year. Gross Receipts tax, Sales & Use taxes, local franchise 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)

rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f)
(In 97) multiplied by (1/1-T) . If the applicable tax rates are zero enter 0.

Inputs Required:

SIT =

21.00%

4.71% (State Income Tax Rate or Composite SIT. Worksheet K)

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

Excess / (Deficit) Deferred Income Taxes will be amortized over the average remaining life of the assets to which it relates, unless the Commission requires a different amortization period. The Tax Effect of Permanent Differences captures the differences in the income taxes due under the Federal and State tax calculations that are not the result of a timing difference, including but not limited to depreciation related to capitalized AFUDC equity and meals and entertainment deductions. The Tax effect of Flow-Through differences captures current tax expense related to timing differences on items for which tax deductions were used to reduce customer rates through the use of flow-through accounting in a prior period.

- P The Texas Gross Margin tax is calculated on the Texas allocated revenue of the Company, reduced by cost of goods sold deduction 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.
- 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, other than Transmission Serving Generation which is removed at Worksheet A. See Note U.
- 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 (In 130) / Long Term Debt (In 139). Preferred Stock cost rate = preferred dividends (In 131) / preferred outstanding (In 140).

 Common Stock cost rate (ROE) = 10.5%, the rate accepted by FERC in Docket No. ER07-1069. It includes an additional 50 basis points for remaining a member of the SPP RTO.

 The amount of eligible hedging gains or losses included in total interest expense is limited to five basis points of the capital structure. Details and calculations of the weighted average cost of capital are shown on Worksheet M. Eligible Hedging Gains and Losses are computed on Worksheet M. The unamortized balance of eligible hedge gains/losses and related ADIT amounts shall not flow through the formula rate.
- U Costs specifically incurred to build, operate, maintain, or depreciate assets which are dedicated to the interconnection of individual generation resources to the SPP transmission network, including generation tie-lines, are deemed to be production-related will be removed from the transmission cost of service. Such costs, referred to herein as Transmission Serving Generation, will be reported in the FERC Form 1 in Transmission functional accounts, and thus adjustments are needed to remove those costs from line items which include them.

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet A - Detailed Plant and Accumulated Depreciation Balances SOUTHWESTERN ELECTRIC POWER COMPANY

<u>Line</u> Number	(A) Rate Base Item & Supporting Balance	(B) Source of Data	(C) <u>Balances @</u> 12/31/2019	(D) <u>Balances</u> 12/31/2018	(E) Average Balance for 2019
	ARO investment and accumulated depreciation balances shown below are included in the		12/3//2013	12/31/2010	2013
		e total fullctional balances shown here.			
	at the TCOS worksheet for a description of Transmission Serving Generation.				
Plant Inves	tment Balances Production Plant In Service	FF1, page 205 Col.(g) & pg. 204 Col. (b), ln 46	4,759,301,287	4,727,085,427	4,743,193,357
2 3	Add: Transmission Serving Generation Formula Production Plant In Service	Company Records	4,759,301,287	4,727,085,427	- 4,743,193,357
4	Production Asset Retirement Obligation (ARO)	FF1, page 205&204, Col.(g)&(b), Ins 15,24,34,44	61,057,785	61,180,785	
5 6	Add: Transmission Serving Generation ARO Formula Production ARO	Company Records	61,057,785	61,180,785	-
7	Transmission Plant In Service Less: Transmission Serving Generation	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 58 Company Records	2,008,632,154	1,845,274,305	1,926,953,229
9	Formula Transmission Plant In Service	Company Records	2,008,632,154	1,845,274,305	1,926,953,229
10 11 12	Transmission Asset Retirement Obligation (Acct. 359.1) Less: Transmission Serving Generation ARO Formula Transmission ARO	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 57 Company Records	0	0	<u> </u>
13	Distribution Plant In Service	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 75	2,330,458,939	2,213,495,606	2,271,977,273
14	Distribution Asset Retirement Obligation	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 74	-	-	
15	General Plant In Service	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 99	299,408,837	300,787,375	300,098,106
16	General Asset Retirement Obligation (Acct. 399.1)	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 98	937,494	937,494	
17	Intangible Plant In Service	FF1, page 207 Col.(g) & pg. 200 Col. (b), In 5	152,187,554	124,460,998	
18	Total Property Investment Balance	(Sum of Lines: 3, 9, 13, 15, 17)	9,549,988,771	9,211,103,711	9,380,546,241
	Total ARO Balance (included in total on line 18)		61,995,279	62,118,279	62,056,779
19	· · · · · · · · · · · · · · · · · · ·	(Sum of Lines: 6, 12, 14, 16)	01,995,279	02,110,279	62,036,779
20	ed Depreciation & Amortization Balances Production Accumulated Depreciation	FF1, page 219, Ins 20-24, Col. (b)	1,660,015,291	1,569,121,009	1,614,568,150
21 22	Add: Transmission Serving Generation Formula Production Plant In Service	Company Records	1,660,015,291	1,569,121,009	- 1,614,568,150
23	Production ARO Accumulated Depreciation (included in total on line 20)	Company Records - Note 1	12,729,614	11,375,912	12,052,763
24 25	Add: Transmission Serving Generation ARO Formula Production ARO	Company Records	12,729,614	11,375,912	- 12,052,763
26	Transmission Accumulated Depreciation	FF1, page 219, ln 25, Col. (b)	573,248,482	537,936,040	555,592,261
27 28	Less: Transmission Serving Generation Formula Transmission Plant In Service	Company Records	573,248,482	537,936,040	- 555,592,261
29 30 31	Transmission ARO Accumulated Depreciation (included in total on line 26) Less: Transmission Serving Generation ARO Formula Transmission ARO	Company Records - Note 1 Company Records	0	0	
32	Distribution Accumulated Depreciation	FF1, page 219, In 26, Col. (b)	774,288,201	746,936,124	760,612,163
33	Distribution ARO Accumulated Depreciation (included in total on line 32)	Company Records - Note 1	-	-	700,012,103
34	General Accumulated Depreciation	FF1, page 219, ln 28, Col. (b)	163,560,189	161,960,762	162,760,475
	General ARO Accumulated Depreciation (included in total on line 34)		546,719	546,719	
35		Company Records - Note 1 FF1, page 200, In 21, Col. (b)	63,490,901		
36	Intangible Accumulated Amortization			51,165,786	
37	Total ADO Balance (included in total on line 27)	(Sum of Lines: 22, 28, 32, 34, 36) FF1, page 200, ln 22, Col (b)	3,234,603,064	3,067,119,721	3,150,861,392
38	Total ARO Balance (included in total on line 37)	(Sum of Lines: 25, 31, 33, 35)	13,276,332	11,922,631	12,599,482
Generation 39	Step-Up Units GSU Investment Amount (included in total on line 7)	Company Records - Note 1	37,745,577	37,745,577	37,745,577
40 41	GSU Accumulated Depreciation (Included in total on line 26) GSU Net Balance	Company Records - Note 1 (Line 39 - Line 40)	19,280,300 18,465,277	18,657,875 19,087,702	18,969,088 18,776,489
<u>Transmissi</u>	on Plant Excluded from SPP Tariff (see TCOS Note Q)				
42 43	Excluded Facilities Investment Amount Excluded Facilities Accumulated Depreciation	Company Records - Note 1 Company Records - Note 1	51,692,079 21,860,179	51,692,079 21,860,179	51,692,079 21,860,179
44	Excluded Facilities Net Balance	(Line 42 - Line 43)	29,831,900	29,831,900	29,831,900
	on Accumulated Depreciation Net of GSU/Excluded Facilities Accumulated Depreciation				
45 46	Transmission Accumulated Depreciation Less: GSU & Excl Facilities Acc Dep	(Line 28 Above) (Line 40 + Line 43 Above)	573,248,482 41,140,479	537,936,040 40,518,055	555,592,261 40,829,267
46			-		
47	Subtotal of Transmission Accumulated Depreciation Net of GSU/Excluded Facilities	(Line 45 - Line 46)	532,108,002	497,417,986	514,762,994
Plant Held	For Future Use				
48	Plant Held For Future Use	FF1, page 214, In 47, Col. (d)	1,066,805	1,066,805	1,066,805
49	Transmission Plant Held For Future Use (Included in total on line 48)	Company Records - Note 1	-	-	-
NOTE 1	On this worksheet, "Company Records" refers to AEP's property accounting ledger.				
Regulatory	Assets and Liabilities Approved for Recovery In Ratebase Note: Regulatory Assets & Liabilities can only be included in ratebase pursuant to a 205 fili	ng with FERC.			
50 51		<u>g = = .</u>			-
52 53					-
54	Total Regulatory Deferrals Included in Ratebase				<u>-</u>
55	rotal negulatory Deletrals included III Natebase		-	-	-

AEP - SPP Formula Rate TCOS - WS B Page: 41 of 59

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet B - Third Party Facility Credits

SOUTHWESTERN ELECTRIC POWER COMPANY

Line No. Source Amount

1 Facility Credits under the SPP OATT -

Note:

Under Section 30.9 of the SPP OATT, a network customer that owns existing transmission facilities that are integrated with the Transmission Provider's Transmission System may be eligible to receive consideration either through a billing credit or some other mechanism. Calculation of any credit under this subsection, pursuant to approval by FERC for inclusion in this formula rate for collection on behalf of the network customer, shall be addressed in either the Network Customer's Service Agreement or any other agreement between the parties.

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet C - ADIT and ADITC Balances SOUTHWESTERN ELECTRIC POWER COMPANY

Line <u>No.</u>	(A) <u>Acc. No.</u>	(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)
	Note: Ac	count 281 is not allocated to Transmission							
		Account 282 - Form-1 page 274.2.b and 275.2.k							
1 2	282.1 282.1	2019 Year End Tax Deferrals - WS C-1 2018 Year End Tax Deferrals - WS C-2	(1,410,895,282) (1,376,177,457)	(15,624,460) (15,238,396)	- -	(1,386,577,880) (1,352,539,938)	-	(8,692,943) (8,399,123)	
3 4 5		Subtotal Average Balance before Proration Proration Adjustment - WS C-3	(2,787,072,740) (1,393,536,370)	(30,862,856) (15,431,428)	0	(2,739,117,819) (1,369,558,909) 18,635,070	0	(17,092,065) (8,546,033)	
6		Prorated Average balance	(1,393,536,370)	(15,431,428)	0	(1,350,923,839)	0	(8,546,033)	
8		Transmission Allocator from TCOS Allocated Total		<u>0.0000%</u> 0	<u>100.0000%</u> 0	<u>20.0581%</u> (270,969,284)	<u>45.8915%</u> 0	7.2217% (617,168)[(271,586,452)
		Account 283 - Form-1 page 276.9.b and 277.9.k							
9	283.1	2019 Year End Tax Deferrals - WS C-1	(34,869,315)	(26,527,939)	-	7,627,127	-	(15,968,503)	
10	283.1	2018 Year End Tax Deferrals - WS C-2	(34,869,315)	(26,527,939)	-	7,627,127	-	(15,968,503)	
11		Subtotal	(69,738,629)	(53,055,877)	-	15,254,253	-	(31,937,005)	
12 13		Average Balance Transmission Allocator from TCOS	(34,869,315)	(26,527,939) 0.0000%	0 <u>100.0000%</u>	7,627,127 20.0581%	0 <u>45.8915%</u>	(15,968,503) 7.2217%	
14		Allocated Total		0	0	1,529,855	0	(1,153,196)[376,659
		Account 190 - Form-1 page 234, Ln 8, Col. (b) & (<u>c)</u>						
15	190.1	2019 Year End Tax Deferrals - WS C-1	113,842,056	102,734,951	-	4,243,840	-	6,863,266	
16	190.1	2018 Year End Tax Deferrals - WS C-2	113,842,056	102,734,951	-	4,243,840	-	6,863,266	
17		Subtotal	227,684,111	205,469,902	-	8,487,679	-	13,726,532	
18 19		Average Balance before Proration Proration Adjustment - WS C-3	113,842,056	102,734,951	0	4,243,840	0	6,863,266	
20		Prorated Average balance	113,842,056	102,734,951	0	4,243,840	0	6,863,266	
21 22		Transmission Allocator from TCOS Allocated Total		<u>0.0000%</u> 0	<u>100.0000%</u> 0	<u>20.0581%</u> 851,232	<u>45.8915%</u> 0	7.2217% 495,644	1,346,876
		/ inocatou / otal		Ü	Ŭ	001,202	Ŭ	100,011	1,040,010
		Account 255 - Form-1 page 266-267				Pre 1971 ITC Includable in Rate Base			
23 24	255.0 255.0	Acc Defrd ITC - Federal - 12/31/2019 (FF1 p. 267, Ln 2.h) Acc Defrd ITC - Federal - 12/31/2018 (FF1 p. 266, Ln 2.b)	-			<u>- 555</u>			
25 26 27 28		Subtotal Average Balance Transmission Allocator from TCOS Allocated Total	0	<u>N/A</u>	<u>N/A</u>	- 0 <u>20.0581%</u> 0	<u>N/A</u>	<u>N/A</u> [0
							<u></u>	 -	

^{*} Exclusions: Non-utility, fuel supply, off-system sales and other items as specified related to costs not included in rates.

AEP West SPP Member Operating Companies SOUTHWESTERN ELECTRIC POWER COMPANY

WORKSHEET C-1 - END OF YEAR DETAIL OF DEFERRED INCOME TAX BALANCES **AS OF DECEMBER 31, 2019**

				,		Allocation Method		
•		B		Allocation		100%	T 0.D	
Account	Line #	Description	Balance	Basis	Exclusions	Transmission PTD Plant	T&D	Labor
2821001 2821001	230A 230I	230A ACRS BENEFIT NORMALIZED, EXCLUDING TSG 230I CAPD INTEREST-SECTION 481(a)-CHANGE IN METHD	(659,659,176) (763,036)	PTD PTD		(659,659,176 (763,036	,	
2821001	230J	230J RELOCATION CST-SECTION 481(a)-CHANGE IN METHE	48,939	PTD		48,939		
2821001 2821001	230X 234Q	230X R & D DEDUCTION - SEC 174 234Q MACRS TAX DEPRECIATION - RAIL CARS	(8,479,963) (2,775,164)	PTD PTD		(8,479,963 (2,775,164	•	
2821001	260A	260A SPARE PARTS INVENTORY	1,679,950	PTD		1,679,950	,	
2821001 2821001	280H 295A	280H BK PLANT IN SERVICE - SFAS 143 - ARO 295A GAIN/LOSS ON ACRS/MACRS PROPERTY	(18,481,099) (23,119,970)	E PTD	(18,481,099)	(23,119,970)	
2821001	295C	295C GAIN/LOSS-ACRS/MACRS-BK/TX UNIT PROP	1,058,847	PTD		1,058,847	,	
2821001 2821001	295D 320A	295D TAX LOSS ON PLANT RETIREMENTS 320A ABFUDC	(1,612,881) (48,363,448)	E PTD	(1,612,881)	(48,363,448	3)	
2821001	380J	380J INT EXP CAPITALIZED FOR TAX	76,462,067	PTD		76,462,067	•	
2821001 2821001	390A 510H	390A CIAC - BOOK RECEIPTS 510H PROPERTY TAX-NEW METHOD-BOOK	9,707,886 (235,402)	E PTD	9,707,886	(235,402)	
2821001	532A	532A PERCENT REPAIR ALLOWANCE	(9,076,044)	PTD		(9,076,044	.)	
2821001 2821001	532C 532D	532C BOOK/TAX UNIT OF PROPERTY ADJ 532D BK/TX UNIT OF PROPERTY ADJ-SEC 481 ADJ	(53,477,827) (21,056,812)	PTD PTD		(53,477,827 (21,056,812	•	
2821001	533J	TX ACCEL AMORT - CAPITALIZED SOFTWARE	(1,545,968)	PTD		(21,030,012	•	
2821001 2821001	534A 662A	534A CAPITALIZED RELOCATION COSTS 662A WRITE-OFF RE SFAS 71	(7,922,918) (6,708,347)	PTD PTD		(7,922,918 (6,708,347	•	
2821001	662B	662B SFAS 109 WRITE-OFF RE SFAS 71	(1,726,995)	PTD		(1,726,995	,	
2821001	680A	680A JOINT VENTURES-SYS FUEL PRJ-TX	(13,720)	E	(13,720)			
2821001 2821001	710W 711N	710W BREM & HAUGH ACQUSITON ADJ-TX 711N CAPITALIZED SOFTWARE COSTS-TAX	3,730,949 4,890	E Labor	3,730,949			4,890
2821001	7110	7110 BOOK LEASES CAPITALIZED FOR TAX	208,390	PTD		208,390	1	(0.004.700)
2821001 2821001	712K 910J	712K CAPITALIZED SOFTWARE COST-BOOK 910J INTEREST EXPENSE - COAL CARS	(8,361,782) (8,507,705)	Labor E	(8,507,705)			(8,361,782)
2821001	910K	910K REMOVAL CST	(45,634,504)	PTD	,	(45,634,504	.)	
2821001 2821001	910W 960F-XS	910W REMOVAL COSTS REV-SFAS 143-ARO EXCESS ADFIT 282 - PROTECTED	(6,338)	E PTD	(6,338)	C	1	
2821001	960F-XS	EXCESS ADFIT 282 - PROTECTED-AR	(83,543,531)	PTD		(83,543,531)	
2821001 2821001	960F-XS 960F-XS	EXCESS ADFIT 282 - PROTECTED-FERC EXCESS ADFIT 282 - PROTECTED-LA	(23,513,396) (168,377,491)	PTD PTD		(23,513,396 (168,377,491	,	
2821001	960F-XS	EXCESS ADFIT 282 - PROTECTED-TX	(203,658,927)	PTD		(203,658,927	,	
2821001 2821001	960F-XS 960F-XS	EXCESS ADFIT 282 - UNPROTECTED-AR EXCESS ADFIT 282 - UNPROTECTED-FERC	(12,330,754) (2,031,014)	PTD PTD		(12,330,754 (2,031,014	•	
2821001	960F-XS	EXCESS ADFIT 282 - UNPROTECTED-LA	(19,475,565)	PTD		(19,475,565	•	
2821001	960F-XS	EXCESS ADFIT 282 - UNPROTECTED-TX	(23,629,702)	PTD		(23,629,702	2)	
2821001	230A	Forecast Adjustment to 230A	(39,707,718)		(441,551)	- (38,930,117	·) -	(336,050)
282.1		TOTAL ELECTRIC ACCOUNT SUBTOTAL	(1,410,895,282)		(15,624,460)	0 (1,386,577,880) 0	(8,692,943)
		(absolute value Total Company Amount Ties to FF1 p.275(k) Acct 282 Electric)						_
		Addit 202 Electric)						
2831001	014C-AR	NOL-STATE C/F-DEF TAX ASSET-L/T - AR	(912,562)	Е	(912,562)			
2831001	014C-LA 014C-OK	NOL-STATE C/F-DEF TAX ASSET-L/T - LA	(8,319,499)	E	(8,319,499)			
2831001 2831001	575E	NOL-STATE C/F-DEF TAX ASSET-L/T - OK 575E MTM BK GAIN-A/L-TAX DEFL	(45,658) 357,969	Ē	(45,658) 357,969			
2831001	575E-MJE	575E-MJE MTM BK GAIN-A/L-TAX DEFL - MJE	(3,333)	E	(3,333)			
2831001 2831001	576E 605B	576E MARK & SPREAD-DEFL-283-A/L 605B ACCRUED BK PENSION EXPENSE	28,097 (17,153,328)	E Labor	28,097			(17,153,328)
2831001	605C	605C ACCRUED BK PENSION COSTS - SFAS 158	19,431,895	E	19,431,895			,
2831001 2831001	614G 630J	PROV LA FUEL LITIGATION EXP 630J DEFD STORM DAMAGE	(0) 4	E E	(0) 4			
2831001	630M	630M RATE CASE DEFD CHGS	(1,177,964)	E	(1,177,964)			
2831001 2831001	632U 638A	632U BK DEFL-DEMAND SIDE MNGMT EXP 638A BOOK > TAX BASIS - EMA-A/C 283	(0) (887)	E E	(0) (887)			
2831001	660A	660A TRANSITION REGULATORY ASSETS	0	E	0			
2831001 2831001	660F 660L	660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS	(1,152,506)	E E	(1,152,506) (0)			
2831001	661R	661R REG ASSET-SFAS 158 - PENSIONS	(19,431,895)	E	(19,431,895)			
2831001 2831001	661S 661T	661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB	(228,228) 343,307	E E	(228,228) 343,307			
2831001	664A	664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA	(45,356)	Ē	(45,356)			
2831001 2831001	664R 664S	664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT	- 0	E E	0 0			
2831001	664U	664U REG ASSET-VEMCO ACQUIS/INVESTMENTS	(0)	E	(0)			
2831001 2831001	664V 664X	664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST	(93,840) (0)	E E	(93,840) (0)			
2831001	668P	668P REG ASSET-LA 2009 FRP ASSET	- '	Ē	0			
2831001 2831001	669J 669X	REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD	(293,252) (485,341)	E E	(293,252) (485,341)			
2831001	669Y	669Y REG ASSET-2010 SEVERANCE COSTS-LA FRP	0	Ē	0			
2831001 2831001	670O 672P	6700 REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA	(609,332) (160,494)	E E	(609,332) (160,494)			
2831001	673J	673J REG ASSET-WELSH/FLINT CRK ENVIRON DEF	(4,687,827)	Ē	(4,687,827)			
2831001 2831001	673K 673U	673K REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL	1,639,669 (1,025,415)	E E	1,639,669 (1,025,415)			
2831001	673V	REG ASSET-LA 2015 FRP-UNREC EQUITY	55,971	E	55,971			
2831001	673Z 690F	REG ASSET-WELSH 2 TX-UNDEPR BAL	(3,614,220)	E	(3,614,220)			
2831001 2831001	711M	REG ASSET-NBV-ARO-RETIRED PLANTS AMAX COAL CONTRACT-TX	(105,599) 0	E E	(105,599) 0			
2831001	900A	900A LOSS ON REACQUIRED DEBT	(892,647)	PTD		(892,647	,	
2831001 2831001	900F 906A	900F BK DEFL-GAIN REACQUIRED DEBT 906A ACCRD SFAS 106 PST RETIRE EXP	2,453 (6,012,154)	PTD E	(6,012,154)	2,453	•	
2831001	906D	906D SFAS 106 PST RETIRE EXP - NON-DEDUCT CONT	3,441,111	E	3,441,111			4 404 000
2831001 2831001	906K 906Z	906K ACCRD SFAS 112 PST EMPLOY BEN 906Z SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET	1,184,826 (699,969)	Labor E	(699,969)			1,184,826
2831001	913Y	913Y BK DEFL - MERGER COSTS	0	E	0			
2831001 2831001	921A 930A	921A BK DEPLETION-MINERALS & RIGHTS 930A BOOK > TAX BASIS-PRTSHP INVEST	2,070,233 (2,349,387)	E E	2,070,233 (2,349,387)			
2831001	940K	940K 1988-1990 IRS AUDIT SETTLEMENT	(1,623)	E	(1,623)			
2831001 2831001	960F-XS 960F-XS	EXCESS ADFIT 283 - UNPROTECTED-AR EXCESS ADFIT 283 - UNPROTECTED-FERC	1,983,568 990,855	PTD PTD		1,983,568 990,855		
_55.661						350,000		

AEP West SPP Member Operating Companies SOUTHWESTERN ELECTRIC POWER COMPANY

WORKSHEET C-1 - END OF YEAR DETAIL OF DEFERRED INCOME TAX BALANCES **AS OF DECEMBER 31, 2019**

				Allessiis			cation Method		
Account	Line #	Description	Balance	Allocation Basis	Exclusions	100% Transmission	PTD Plant	T&D	Labor
2831001 2831001	960F-XS 960F-XS	EXCESS ADFIT 283 - UNPROTECTED-LA EXCESS ADFIT 283 - UNPROTECTED-TX	3,291,898 2,251,000	PTD PTD			3,291,898 2,251,000		
2831001	0001 AC	TAX ADJUSTMENTS	(2,439,851)	E	(2,439,851)		2,201,000		
2831002	911Q-DSIT	DSIT ENTRY - NORMALIZED	-	PTD			0		
		Forecast Adjustment			-	-	-	-	-
									_
283.1		TOTAL ELECTRIC ACCOUNT SUBTOTAL (absolute value Total Company Amount Ties to FF1 p.277(k)	(34,869,315)		(26,527,939)	0	7,627,127	0	(15,968,503)
		Acct 283 Electric)							
1901001 1901001	011C-DFIT 011C-MJE	011C-DFIT TAX CREDIT C/F - DEF TAX ASSET 011C-MJE TAX CREDIT C/F - DEF TAX ASSET- MJE	(898,797) 898,797	E E	(898,797) 898,797				
1901001	433A	433A PUCT FUEL O/U RECOVERY-RETAIL	0	E	0				
1901001 1901001	433B 433C	433B INTEREST-FUEL OVER/UNDER RECOVERY 433C AR - FUEL OVER/UNDER RECOVERY	(0) (2,852,824)	E E	(0) (2,852,824)				
1901001	433D	433D LA - FUEL OVER/UNDER RECOVERY	(0)	E	(0)				
1901001 1901001	460A 520A	460A UNBILLED REVENUE 520A PROVS POSS REV REFDS-A/L	4,646,289 3,450,425	E PTD	4,646,289		3,450,425		
1901001	520X	PROV FOR RATE REFUND EXCESS PROTECTED	6,906,490	E	6,906,490				
1901001 1901001	520Y 576F	PROV FOR RATE REFUND-EXCESS PROTECTED 576F MARK & SPREAD-DEFL-190-A/L	1,894,534 (37,376)	E E	1,894,534 (37,376)				
1901001 1901001	602A 605E	602A PROV WORKER'S COMP 605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN	162,755 238,227	Labor Labor					162,755 238,227
1901001	605F	605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158	228,228	E	228,228				230,221
1901001 1901001	605J	605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH	225,583 0	Labor E	0				225,583
1901001	605K	605K ACCRUED BK BENEFIT COSTS	15,205	Labor	U				15,205
1901001 1901001	605O 605P	605O ACCRUED PSI PLAN EXP 605P STOCK BASED COMP-CAREER SHARES	305,607 673,767	Labor Labor					305,607 673,767
1901001	610A	610A BK PROV UNCOLL ACCTS - ST	181,255	E	181,255				0/3,/0/
1901001 1901001	610U 610V	610U PROV-TRADING CREDIT RISK - A/L 610V PROV-FAS 157 - A/L	35 (3,179)	E E	35 (3,179)				
1901001	611E	611E ACCRUED MINE RECLAMATION	7,343,973	E	7,343,973				
1901001 1901001	611G 612Y	611G DEFD COMPENSATION-BOOK EXPENSE 612Y ACCRD COMPANYWIDE INCENTV PLAN	355,965 2,163,954	Labor Labor					355,965 2,163,954
1901001	613C	613C ACCRD ENVIRONMENTAL LIAB-CURRENT	5,336	PTD			5,336		
1901001 1901001	613E 613F	613E ACCRUED BOOK VACATION PAY 613F ACCRD ENVIRONMENTAL LIAB-LONG TERM	2,443,828 716	Labor E	716				2,443,828
1901001	613K	613K (ICDP)-INCENTIVE COMP DEFERRAL PLAN	27,738	Labor			•		27,738
1901001 1901001	615A 615B	615A ACCRUED INTEREST EXP -STATE 615B ACCRUED INTEREST-LONG-TERM - FIN 48	0 (407,180)	PTD E	(407,180)		0		
1901001	615B-MJE	615B-MJE ACCRD INTRST-TAX RES-L/T-FIN 48-MJE	432,254	E	432,254				
1901001 1901001	615C 615E	615C ACCRUED INTEREST-SHORT-TERM - FIN 48 615E ACCRUED STATE INCOME TAX EXP	4,634 (372,842)	E E	4,634 (372,842)				
1901001 1901001	615O 641I	6150 BK DFL RAIL TRANS REV/EXP 641I ADVANCE RENTAL INC (CUR MO)	(0) 370,558	E PTD	(0)		370,558		
1901001	641X	641X DEFERRED INCOME - DOLET HILLS MINING BUYOUT	57,310	E	57,310		370,556		
1901001 1901001	651F 651H	651F DISALLOWED COSTS - TURK PLANT 651H DISALLOWED COSTS - TURK PLANT AUX BOILER	11,066,116 3,455,813	E E	11,066,116 3,455,813				
1901001	651I	DISALLOWED COSTS-TX TRANS VEG MGT CST	312,746	E	312,746				
1901001 1901001	651J 651K	DISALLOWED COSTS-TX DIST VEG MGT CST DISALLOWED COSTS-TX TRANS VEG MGT CST-AMORT	861,751 (13,654)	E E	861,751 (13,654)				
1901001	651M	DISALLOWED COSTS-TX DIST VEG MGT CST-AMORT	(69,042)	E	(69,042)				
1901001 1901001	651Q 651R	DISALLOWED COSTS-TX SERP COSTS DISALLOWED COSTS-TX DIST COSTS	33,536 10,080	E E	33,536 10,080				
1901001	651S	DISALLOWED COSTS-TX GEN COSTS	· · · · · · · · · · · · · · · · · · ·	E	0				
1901001 1901001	651T 651W	DISALLOWED COSTS-TX CWIP FINBASED INCEN-TRANS DISALLOWED COSTS-TX CWIP FINBASED INCEN-DIST	384,494 462,497	E E	384,494 462,497				
1901001 1901001	651X 651Y	DISALLOWED COSTS-TX CWIP FINBASED INCEN-GEN DISALLOWED COSTS-TX RWIP FINBASED INCEN-TRANS	531,605 13,522	E E	531,605 13,522				
1901001	651Z	DISALLOWED COSTS-TX RWIP FINBASED INCEN-DIST	19,293	E	19,293				
1901001 1901001	652G 653A	652G REG LIAB-UNREAL MTM GAIN-DEFL DISALLOWED COSTS-TX RWIP FINBASED INCEN-GEN	(348,128) 19,903	E E	(348,128) 19,903				
1901001	701A	701A AMORT - GOODWILL PER BOOKS	1,271,789	E	1,271,789				
1901001 1901001	702A 710H	702A GOODWILL PER TAX 710H AMORT ELEC PLT ACQ ADJS	(678,290) 89,765	E E	(678,290) 89,765				
1901001	906F	906F ACCRD OPEB COSTS - SFAS 158	(343,307)	E	(343,307)				
1901001 1901001	906P 911F-FIN48	906P ACCRD BOOK ARO EXPENSE - SFAS 143 911F-FIN48 FIN 48 DSIT	23,692,713 (20,805)	E E	23,692,713 (20,805)				
1901001	911S 911S	911S ACCRUED SALES & USE TAX RESERVE 911S ACCRUED SALES & USE TAX RESERVE - MJE	(457,590)	E E	(457,590)				
1901001 1901001	911S 911V	9115 ACCRUED SALES & USE TAX RESERVE - MJE 911V ACCRD SIT TX RESERVE-LNG-TERM-FIN 48	457,590 (725,327)	E	457,590 (725,327)				
1901001 1901001	911V-MJE 911W	911V-MJE ACCRD SIT TX RES-LNG-TERM-FIN 48-MJE 911W ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48	565,363 11,266	E E	565,363 11,266				
1901001	940A	IRS AUDIT SETTLEMENT	(1,356,243)	E	(1,356,243)				
1901001 1901001	940X 960E	940X IRS CAPITALIZATION ADJUSTMENT 960E AMT CREDIT - DEFERRED	363,635 (0)	PTD E	(0)		363,635		
1901001	960Z	960Z NOL - DEFERRED TAX ASSET RECLASS	-	E	0				
1901001 1901001	980A 980J	RESTRICTED STOCK PLAN PSI - STOCK BASED COMP	24,141 117,714	Labor Labor					24,141 117,714
					,				111,114
1901002 1901002	014C-AR 014C-LA	NOL-STATE C/F-DEF TAX ASSET-L/T - AR NOL-STATE C/F-DEF TAX ASSET-L/T - LA	4,345,535 39,616,662	E E	4,345,535 39,616,662				
1901002	014C-DK	NOL-STATE C/F-DEF TAX ASSET-L/T - OK	217,419	Ē	217,419				
		Forecast Adjustment to 190	1,448,230		1,285,562	-	53,885	-	108,784
400.4		·					·		
190.1		TOTAL ELECTRIC ACCOUNT SUBTOTAL (Total Company Amount Ties to FF1 p.234(c) Electric)	113,842,056		102,734,951	0	4,243,840	0	6,863,266

AEP West SPP Member Operating Companies SOUTHWESTERN ELECTRIC POWER COMPANY

WORKSHEET C-2 -BEGINNING OF YEAR DETAIL OF DEFERRED INCOME TAX BALANCES

AS OF DECEMBER 31, 2018	

AEP - SPP Formula Rate

TCOS - WS-C2

Page: 45 of 59

				A.II			Allocation Method		
Account	Line #	Description	Balance	Allocation Basis	Exclusions	100% Transmission	PTD Plant	T&D	Labor
2821001	230A	230A ACRS BENEFIT NORMALIZED, EXCLUDING TSG	(659,659,176.41)	PTD	LACIUSIONS	Transmission	(659,659,176)	IQD	Labor
2821001	2301	230I CAPD INTEREST-SECTION 481(a)-CHANGE IN METHD	(763,036)	PTD			(763,036)		
2821001	230J	230J RELOCATION CST-SECTION 481(a)-CHANGE IN METH	48,939	PTD			48,939		
2821001	230X	230X R & D DEDUCTION - SEC 174	(8,479,963)	PTD			(8,479,963)		
2821001 2821001	234Q 260A	234Q MACRS TAX DEPRECIATION - RAIL CARS 260A SPARE PARTS INVENTORY	(2,775,164) 1,679,950	PTD PTD			(2,775,164) 1,679,950		
2821001	280H	280H BK PLANT IN SERVICE - SFAS 143 - ARO	(18,481,099)	E	(18,481,099)		1,010,000		
2821001	295A	295A GAIN/LOSS ON ACRS/MACRS PROPERTY	(23,119,970)	PTD	, , ,		(23,119,970)		
2821001	295C	295C GAIN/LOSS-ACRS/MACRS-BK/TX UNIT PROP	1,058,847	PTD	(4.040.004)		1,058,847		
2821001 2821001	295D 320A	295D TAX LOSS ON PLANT RETIREMENTS 320A ABFUDC	(1,612,881) (48,363,448)	E PTD	(1,612,881)		(48,363,448)		
2821001	380J	380J INT EXP CAPITALIZED FOR TAX	76,462,067	PTD			76,462,067		
2821001	390A	390A CIAC - BOOK RECEIPTS	9,707,886	Е	9,707,886		-, - ,		
2821001	510H	510H PROPERTY TAX-NEW METHOD-BOOK	(235,402)	PTD			(235,402)		
2821001 2821001	532A 532C	532A PERCENT REPAIR ALLOWANCE 532C BOOK/TAX UNIT OF PROPERTY ADJ	(9,076,044) (53,477,827)	PTD PTD			(9,076,044) (53,477,827)		
2821001	532D	532D BK/TX UNIT OF PROPERTY ADJ-SEC 481 ADJ	(21,056,812)	PTD			(21,056,812)		
2821001	533J	TX ACCEL AMORT - CAPITALIZED SOFTWARE	(1,545,968)	PTD			(1,545,968)		
2821001	534A	534A CAPITALIZED RELOCATION COSTS	(7,922,918)	PTD			(7,922,918)		
2821001 2821001	662A 662B	662A WRITE-OFF RE SFAS 71 662B SFAS 109 WRITE-OFF RE SFAS 71	(6,708,347)	PTD PTD			(6,708,347)		
2821001	680A	680A JOINT VENTURES-SYS FUEL PRJ-TX	(1,726,995) (13,720)	E	(13,720)		(1,726,995)		
2821001	710W	710W BREM & HAUGH ACQUSITON ADJ-TX	3,730,949	Ē	3,730,949				
2821001	711N	711N CAPITALIZED SOFTWARE COSTS-TAX	4,890	Labor					4,890
2821001	7110	7110 BOOK LEASES CAPITALIZED FOR TAX	208,390	PTD			208,390		(0.264.702)
2821001 2821001	712K 910J	712K CAPITALIZED SOFTWARE COST-BOOK 910J INTEREST EXPENSE - COAL CARS	(8,361,782) (8,507,705)	Labor E	(8,507,705)				(8,361,782)
2821001	910K	910K REMOVAL CST	(45,634,504)	PTD	(0,001,100)		(45,634,504)		
2821001	910W	910W REMOVAL COSTS REV-SFAS 143-ARO	(6,338)	_E_	(6,338)		_		
2821001	960F-XS	EXCESS ADFIT 282 - PROTECTED AD	- (00 F40 F04)	PTD			(02.542.524)		
2821001 2821001	960F-XS 960F-XS	EXCESS ADFIT 282 - PROTECTED-AR EXCESS ADFIT 282 - PROTECTED-FERC	(83,543,531) (23,513,396)	PTD PTD			(83,543,531) (23,513,396)		
2821001	960F-XS	EXCESS ADFIT 282 - PROTECTED-LA	(168,377,491)	PTD			(168,377,491)		
2821001	960F-XS	EXCESS ADFIT 282 - PROTECTED-TX	(203,658,927)	PTD			(203,658,927)		
2821001	960F-XS	EXCESS ADFIT 282 - UNPROTECTED-AR	(12,330,754)	PTD			(12,330,754)		
2821001 2821001	960F-XS 960F-XS	EXCESS ADFIT 282 - UNPROTECTED-FERC EXCESS ADFIT 282 - UNPROTECTED-LA	(2,031,014) (19,475,565)	PTD PTD			(2,031,014) (19,475,565)		
2821001	960F-XS	EXCESS ADFIT 282 - UNPROTECTED-LA EXCESS ADFIT 282 - UNPROTECTED-TX	(23,629,702)	PTD			(23,629,702)		
			(= /= = /				(-,, - ,		
2821001	230A	Forecast Adjustment to 230A	(4,989,893)		(55,488)	-	(4,892,175)	-	(42,230)
282.1		TOTAL ELECTRIC ACCOUNT SUBTOTAL	(1,376,177,457)		(15,238,396)	0	(1,352,539,938)	0	(8,399,123)
202.1		(absolute value Total Company Amount Ties to FF1 p.275(k) Acct			(13,230,330)	<u> </u>	(1,332,339,330)		(0,333,123)
			,						
0004004	0440 AD	NOLOTATE O/F REF TAY AGOST L/T. AR	(040,500)	_	(040 500)				
2831001 2831001	014C-AR 014C-LA	NOL-STATE C/F-DEF TAX ASSET-L/T - AR NOL-STATE C/F-DEF TAX ASSET-L/T - LA	(912,562) (8,319,499)	E E	(912,562) (8,319,499)				
2831001	014C-OK	NOL-STATE C/F-DEF TAX ASSET-L/T - OK	(45,658)	Ē	(45,658)				
2831001	575E	575E MTM BK GAIN-A/L-TAX DEFL	357,969	E	357,969				
2831001	575E-MJE	575E-MJE MTM BK GAIN-A/L-TAX DEFL - MJE	(3,333)	E E	(3,333)				
2831001 2831001	576E 605B	576E MARK & SPREAD-DEFL-283-A/L 605B ACCRUED BK PENSION EXPENSE	28,097 (17,153,328)	Labor	28,097				(17,153,328)
2831001	605C	605C ACCRUED BK PENSION COSTS - SFAS 158	19,431,895	E	19,431,895				(17,100,020)
2831001	614G	PROV LA FUEL LITIGATION EXP	(0)	E	(0)				
2831001	630J	630J DEFD STORM DAMAGE	(4.177.064)	Е	(4.477.064)				
2831001 2831001	630M 632U	630M RATE CASE DEFD CHGS 632U BK DEFL-DEMAND SIDE MNGMT EXP	(1,177,964)		(1,177,964)				
2831001	638A		(0)	E E					
2831001		638A BOOK > TAX BASIS - EMA-A/C 283	(0) (887)	E E E	(0) (887)				
2831001	660A	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS	(887)	E E E	(0) (887) 0				
	660A 660F	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO	(887) 0 (1,152,506)	E E E E	(0) (887) 0 (1,152,506)				
2831001 2831001	660A 660F 660L	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS	(887) 0 (1,152,506) (0)	E E E E	(0) (887) 0 (1,152,506) (0)				
2831001 2831001 2831001	660A 660F	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO	(887) 0 (1,152,506)	E E E E E	(0) (887) 0 (1,152,506)				
2831001 2831001 2831001	660A 660F 660L 661R 661S 661T	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307	E E E E E	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307				
2831001 2831001 2831001 2831001	660A 660F 660L 661R 661S 661T 664A	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA	(887) 0 (1,152,506) (0) (19,431,895) (228,228)		(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228)				
2831001 2831001 2831001	660A 660F 660L 661R 661S 661T	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307		(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307				
2831001 2831001 2831001 2831001 2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0)		(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 0				
2831001 2831001 2831001 2831001 2831001 2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840)		(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 0 (0) (93,840)				
2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0)		(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 0 (0) (93,840)				
2831001 2831001 2831001 2831001 2831001 2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840)		(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 0 (0) (93,840)				
2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 664X 668P 669J 669X	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - OPEB 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0)	E E E E E E	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (293,252) (485,341)				
2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 664X 669J 669X 669Y	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-2010 SEVERANCE COSTS-LA FRP	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0	E E E E E E	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) (293,252) (485,341)				
2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664V 664V 664V 664V 669V 669Y 670O	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-2010 SEVERANCE COSTS-LA FRP 6700 REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332)		(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) (293,252) (485,341) 0 (609,332)				
2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 664X 669Y 670O 672P	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-2010 SEVERANCE COSTS-LA FRP	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494)	E E E E E E	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494)				
2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 664X 668P 669J 669X 669Y 670O 672P 673J 673K	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332)		(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) (293,252) (485,341) 0 (609,332)				
2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 664X 668P 669J 669X 669Y 670O 672P 673J 673K 673U	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415)		(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415)				
2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664X 668P 669J 669X 669Y 670O 672P 673J 673K 673U 673V	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - OPEB 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON DEF 673K REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-SPP DEFERRAL	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971		(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971				
2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 664X 668P 669J 669X 669Y 670O 672P 673J 673K 673U	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415)		(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415)				
2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 664X 668P 669J 669X 669Y 670O 672P 673J 673K 673U 673Z 690F 711M	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON DEF 673K REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-NBV-ARO-RETIRED PLANTS AMAX COAL CONTRACT-TX	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0		(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220)				
2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664X 668P 669J 669X 669Y 670O 672P 673J 673K 673U 673V 673Z 690F 711M 900A	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON DEF 673K REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-NBV-ARO-RETIRED PLANTS AMAX COAL CONTRACT-TX 900A LOSS ON REACQUIRED DEBT	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (892,647)	E E E E E E E E E E E E E PTD	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220)		(892,647)		
2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664X 668P 669J 669X 669Y 670O 672P 673J 673K 673U 673V 673Z 690F 711M 900A 900F	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - OPEB 664A REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON DEF 673K REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-NBV-ARO-RETIRED PLANTS AMAX COAL CONTRACT-TX 900A LOSS ON REACQUIRED DEBT 900F BK DEFL-GAIN REACQUIRED DEBT	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (892,647) 2,453	E E E E E E E E E E E PTD	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0		(892,647) 2,453		
2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664X 668P 669J 669X 669Y 670O 672P 673J 673K 673U 673V 673Z 690F 711M 900A	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON DEF 673K REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-NBV-ARO-RETIRED PLANTS AMAX COAL CONTRACT-TX 900A LOSS ON REACQUIRED DEBT	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (892,647)	E E E E E E E E E E E E E PTD	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220)		` '		
2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 664X 669J 669X 669Y 670O 672P 673J 673K 673U 673Z 690F 711M 900A 900F 906A 906D 906K	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VEMECO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON DEF 673K REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-NBV-ARO-RETIRED PLANTS AMAX COAL CONTRACT-TX 900A LOSS ON REACQUIRED DEBT 900F BK DEFL-GAIN REACQUIRED DEBT 900F BK DEFL-GAIN REACQUIRED DEBT 906D SFAS 106 PST RETIRE EXP 906D SFAS 106 PST RETIRE EXP - NON-DEDUCT CONT 906K ACCRD SFAS 112 PST EMPLOY BEN	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (892,647) 2,453 (6,012,154) 3,441,111 1,184,826	E E E E E E E E E E E E E E E E E E E	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0		` '		1,184,826
2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 669J 669Y 670O 672P 673J 673K 673U 673Z 690F 711M 900A 900F 906A 906D 906K 906Z	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-SWEPCO/VEMCO TRANSACTION COST 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-NBV-ARO-RETIRED PLANTS AMAX COAL CONTRACT-TX 900A LOSS ON REACQUIRED DEBT 900F BK DEFL-GAIN REACQUIRED DEBT 900F BK DEFL-GAIN REACQUIRED DEBT 906A ACCRD SFAS 106 PST RETIRE EXP 906D SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (892,647) 2,453 (6,012,154) 3,441,111 1,184,826 (699,969)	E E E E E E E E E E E E E E E E E E E	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (6,012,154) 3,441,111		` '		1,184,826
2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 668P 669J 669X 669Y 670O 672P 673J 673K 673U 673V 673Z 690F 711M 900A 906F 906A 906C 906Z 913Y	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - OPEB 664A REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SUITIES MAINT-SWEPCO LA 673J REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON DEF 673K REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-MELSH 2 TX-UNDEPR BAL REG ASSET-BAIN REACQUIRED DEBT 900A LOSS ON REACQUIRED DEBT 900F BK DEFL-GAIN REACQUIRED DEBT 900A ACCRD SFAS 106 PST RETIRE EXP 906D SFAS 106 PST RETIRE EXP 906D SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET 913Y BK DEFL - MERGER COSTS	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (892,647) 2,453 (6,012,154) 3,441,111 1,184,826 (699,969) 0	E E E E E E E E E E E E E E E E E E E	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (6,012,154) 3,441,111		` '		1,184,826
2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 669J 669Y 670O 672P 673J 673K 673U 673Z 690F 711M 900A 900F 906A 906D 906K 906Z	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-SWEPCO/VEMCO TRANSACTION COST 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-NBV-ARO-RETIRED PLANTS AMAX COAL CONTRACT-TX 900A LOSS ON REACQUIRED DEBT 900F BK DEFL-GAIN REACQUIRED DEBT 900F BK DEFL-GAIN REACQUIRED DEBT 906A ACCRD SFAS 106 PST RETIRE EXP 906D SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (892,647) 2,453 (6,012,154) 3,441,111 1,184,826 (699,969)	E E E E E E E E E E E E E E E E E E E	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (6,012,154) 3,441,111		` '		1,184,826
2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664X 668P 669J 669X 669Y 670O 672P 673J 673K 673U 673Z 690F 711M 900A 900F 906A 906D 906K 906Z 913Y 921A 930A 940K	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - PENSIONS 661R REG ASSET-SFAS 158 - PENSIONS 661R REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-NET CCS FEED STUDY COSTS 664V REG ASSET-NET CCS FEED STUDY COSTS 668P REG ASSET-LA 2009 FRP ASSET REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-WEPCO SHIPE ROAD 669Y REG ASSET-WEPCO SHIPE ROAD 669Y REG ASSET-WIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-WELSH 2 TX-UNDEPR BAL REG ASSET-NBV-ARO-RETIRED PLANTS AMAX COAL CONTRACT-TX 900A LOSS ON REACQUIRED DEBT 906A ACCRD SFAS 106 PST RETIRE EXP 906D SFAS 106 PST RETIRE EXP 906D SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET 913Y BK DEFL - MERGER COSTS 921A BK DEPLETION-MINERALS & RIGHTS 930A BOOK > TAX BASIS-PRTSHP INVEST 940K 1988-1990 IRS AUDIT SETTLEMENT	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (892,647) 2,453 (6,012,154) 3,441,111 1,184,826 (699,969) 0 2,070,233 (2,349,387) (1,623)	E E E E E E E E E E E PTD PTD E Labor E E E	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (6,012,154) 3,441,111 (699,969) 0 2,070,233		2,453		1,184,826
2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 664X 668P 669J 669X 669Y 670O 672P 673J 673K 673U 673Z 690F 711M 900A 900F 906A 906D 906K 906Z 913Y 921A 930A 940K 960F-XS	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - OPEB 664T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-WED COVEMCO TRANSACTION COST 668P REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-SWEPCO/VEMCO TRANSACTION COST 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON DEF 673K REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-NBU-ARO-RETIRED PLANTS AMAX COAL CONTRACT-TX 900A LOSS ON REACQUIRED DEBT 900F BK DEFL-GAIN REACQUIRED DEBT 906A ACCRD SFAS 106 PST RETIRE EXP 906D SFAS 106 PST RETIRE EXP - NON-DEDUCT CONT 906K ACCRD SFAS 112 PST EMPLOY BEN 906Z SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET- 921A BK DEPLETION-MINERALS & RIGHTS 930A BOOK > TAX BASIS-PRTSHP INVEST 940K 1988-1990 IRS AUDIT SETTLEMENT EXCESS ADFIT 283 - UNPROTECTED-AR	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (892,647) 2,453 (6,012,154) 3,441,111 1,184,826 (699,969) 0 2,070,233 (2,349,387) (1,623) 1,983,568	E E E E E E E E E E E E E E E E E E E	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (6,012,154) 3,441,111 (699,969) 0 2,070,233 (2,349,387)		2,453 1,983,568		1,184,826
2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664X 668P 669J 669X 669Y 670O 672P 673J 673K 673U 673V 673Z 690F 711M 900A 900F 906A 906D 906K 906Z 913Y 921A 930A 940K 960F-XS 960F-XS	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - OPEB 664A REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-SWEPCO/VEMCO TRANSACTION COST 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON DEF 673K REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-NBU-ARO-RETIRED PLANTS AMAX COAL CONTRACT-TX 900A LOSS ON REACQUIRED DEBT 906B SFAS 106 PST RETIRE EXP 906D SFAS 106 PST RETIRE EXP 906D SFAS 106 PST RETIRE EXP - NON-DEDUCT CONT 906K ACCRD SFAS 112 PST EMPLOY BEN 906Z SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET- 913Y BK DEFL-MERGER COSTS 921A BK DEPLETION-MINERALS & RIGHTS 930A BOOK > TAX BASIS-PRTSHP INVEST 940K 1988-1990 IRS AUDIT SETTLEMENT EXCESS ADFIT 283 - UNPROTECTED-AR EXCESS ADFIT 283 - UNPROTECTED-FERC	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (892,647) 2,453 (6,012,154) 3,441,111 1,184,826 (699,969) 0 2,070,233 (2,349,387) (1,623) 1,983,568 990,855	E E E E E E E E E E E E E E E E E E E	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (6,012,154) 3,441,111 (699,969) 0 2,070,233 (2,349,387)		2,453 1,983,568 990,855		1,184,826
2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 664X 668P 669J 669X 669Y 670O 672P 673J 673K 673U 673Z 690F 711M 900A 900F 906A 906D 906K 906Z 913Y 921A 930A 940K 960F-XS	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - OPEB 664T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-UND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-WED COVEMCO TRANSACTION COST 668P REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-SWEPCO/VEMCO TRANSACTION COST 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON DEF 673K REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-NBU-ARO-RETIRED PLANTS AMAX COAL CONTRACT-TX 900A LOSS ON REACQUIRED DEBT 900F BK DEFL-GAIN REACQUIRED DEBT 906A ACCRD SFAS 106 PST RETIRE EXP 906D SFAS 106 PST RETIRE EXP - NON-DEDUCT CONT 906K ACCRD SFAS 112 PST EMPLOY BEN 906Z SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET- 921A BK DEPLETION-MINERALS & RIGHTS 930A BOOK > TAX BASIS-PRTSHP INVEST 940K 1988-1990 IRS AUDIT SETTLEMENT EXCESS ADFIT 283 - UNPROTECTED-AR	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (892,647) 2,453 (6,012,154) 3,441,111 1,184,826 (699,969) 0 2,070,233 (2,349,387) (1,623) 1,983,568	E E E E E E E E E E E E E E E E E E E	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (6,012,154) 3,441,111 (699,969) 0 2,070,233 (2,349,387)		2,453 1,983,568		1,184,826
2831001 2831001	660A 660F 660L 661R 661S 661T 664A 664R 664S 664U 664V 664V 668P 669J 669X 669Y 670O 672P 673J 673K 673U 673V 673Z 690F 711M 900A 900F 906A 906D 906K 906Z 913Y 921A 930A 940K 960F-XS 960F-XS	638A BOOK > TAX BASIS - EMA-A/C 283 660A TRANSITION REGULATORY ASSETS 660F REG ASSET-SFAS 143 - ARO REG ASSET-DEFERRED LITIGATION COSTS 661R REG ASSET-SFAS 158 - PENSIONS 661S REG ASSET-SFAS 158 - SERP 661T REG ASSET-SFAS 158 - OPEB 664A REG ASSET-VIND/REC ENVIRON ADJ CLAUSE-LA 664R REG ASSET-VALLEY DISTRICT DUE DILIGENCE 664S REG ASSET-VEMCO EMPLOYEE RETIREMENT 664U REG ASSET-VEMCO ACQUIS/INVESTMENTS 664V REG ASSET-SWEPCO/VEMCO TRANSACTION COST 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 664X REG ASSET-SWEPCO/VEMCO TRANSACTION COST 668P REG ASSET-ENERGY EFFICIENCY RECOVERY 669X REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-SWEPCO SHIPE ROAD 669Y REG ASSET-ENVIRONMENTAL CHEMICAL COST-AR 672P REG ASSET-FACILITIES MAINT-SWEPCO LA 673J REG ASSET-WELSH/FLINT CRK ENVIRON-CONTRA REG ASSET-LA 2015 FRP-SPP DEFERRAL REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-LA 2015 FRP-UNREC EQUITY REG ASSET-NBV-ARO-RETIRED PLANTS AMAX COAL CONTRACT-TX 900A LOSS ON REACQUIRED DEBT 906F BK DEFL-GAIN REACQUIRED DEBT 906A ACCRD SFAS 106 PST RETIRE EXP 906D SFAS 106 PST RETIRE EXP 906D SFAS 106 - MEDICARE SUBSIDY - (PPACA)-REG ASSET- 913Y BK DEFL - MERGER COSTS 921A BK DEPLETION-MINERALS & RIGHTS 930A BOOK > TAX BASIS-PRTSHP INVEST 940K 1988-1990 IRS AUDIT SETTLEMENT EXCESS ADFIT 283 - UNPROTECTED-FRC EXCESS ADFIT 283 - UNPROTECTED-LA	(887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) - 0 (0) (93,840) (0) - (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (892,647) 2,453 (6,012,154) 3,441,111 1,184,826 (699,969) 0 2,070,233 (2,349,387) (1,623) 1,983,568 990,855 3,291,898	E E E E E E E E E E E E E E E E E E E	(0) (887) 0 (1,152,506) (0) (19,431,895) (228,228) 343,307 (45,356) 0 (0) (93,840) (0) (93,840) (0) 0 (293,252) (485,341) 0 (609,332) (160,494) (4,687,827) 1,639,669 (1,025,415) 55,971 (3,614,220) (105,599) 0 (6,012,154) 3,441,111 (699,969) 0 2,070,233 (2,349,387)		2,453 1,983,568 990,855 3,291,898		1,184,826

AEP West SPP Member Operating Companies SOUTHWESTERN ELECTRIC POWER COMPANY

SOUTHWESTERN ELECTRIC POWER COMPANY AEP - SPP Formula Rate WORKSHEET C-2 -BEGINNING OF YEAR DETAIL OF DEFERRED INCOME TAX BALANCES TCOS - WS-C2

AS OF DECEMBER 31, 2018

TCOS - WS-C2 Page: 46 of 59

							Allocation Method	C. TO OI	
Account	lino#	Description	Palanas	Allocation	Evaluaiona 1	100%		T&D	Lohor
Account 2831002	Line # 911Q-DSIT	Description DSIT ENTRY - NORMALIZED	Balance -	Basis PTD	Exclusions 1	Transmission	PTD Plant	Ιαυ	Labor
		Forecast Adjustment	_						
283.1		TOTAL ELECTRIC ACCOUNT SUBTOTAL	(34,869,315)		(26,527,939)	0	7,627,127	0	(15,968,503)
203.1		(absolute value Total Company Amount Ties to FF1 p.277(k) A			(20,321,939)		1,021,121		(13,900,303)
1901001	011C-DFIT	011C-DFIT TAX CREDIT C/F - DEF TAX ASSET	(898,797)	Е	(898,797)				
1901001	011C-MJE	011C-MJE TAX CREDIT C/F - DEF TAX ASSET- MJE	898,797	E	898,797				
1901001 1901001	433A 433B	433A PUCT FUEL O/U RECOVERY-RETAIL 433B INTEREST-FUEL OVER/UNDER RECOVERY	0 (0)	E	0 (0)				
1901001	433C	433C AR - FUEL OVER/UNDER RECOVERY	(2,852,824)	E	(2,852,824)				
1901001 1901001	433D 460A	433D LA - FUEL OVER/UNDER RECOVERY 460A UNBILLED REVENUE	(0) 4,646,289	E E	(0) 4,646,289				
1901001	520A	520A PROVS POSS REV REFDS-A/L	3,450,425	PTD			3,450,425		
1901001 1901001	520X 520Y	PROV FOR RATE REFUND-TAX REFORM PROV FOR RATE REFUND-EXCESS PROTECTED	6,906,490 1,894,534	E E	6,906,490 1,894,534				
1901001	576F	576F MARK & SPREAD-DEFL-190-A/L	(37,376)	E	(37,376)				
1901001 1901001	602A 605E	602A PROV WORKER'S COMP 605E SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN	162,755 238,227	Labor Labor					162,755 238,227
1901001	605F	605F ACCRD SUP EXEC RETIR PLAN COSTS-SFAS 158	228,228	E	228,228				
1901001 1901001	605J	605I ACCRD BK SUP. SAVINGS PLAN EXP 605J EMPLOYER SAVINGS PLAN MATCH	225,583 0	Labor E	0				225,583
1901001	605K	605K ACCRUED BK BENEFIT COSTS	15,205	Labor	Ü				15,205
1901001 1901001	605O 605P	605O ACCRUED PSI PLAN EXP 605P STOCK BASED COMP-CAREER SHARES	305,607 673,767	Labor Labor					305,607
1901001	610A	610A BK PROV UNCOLL ACCTS - ST	181,255	E	181,255				673,767
1901001	610U	610U PROV-TRADING CREDIT RISK - A/L	35	E	35				
1901001 1901001	610V 611E	610V PROV-FAS 157 - A/L 611E ACCRUED MINE RECLAMATION	(3,179) 7,343,973	E E	(3,179) 7,343,973				
1901001	611G	611G DEFD COMPENSATION-BOOK EXPENSE	355,965	Labor	, ,				355,965
1901001 1901001	612Y 613C	612Y ACCRD COMPANYWIDE INCENTV PLAN 613C ACCRD ENVIRONMENTAL LIAB-CURRENT	2,163,954 5,336	Labor PTD			5,336		2,163,954
1901001	613E	613E ACCRUED BOOK VACATION PAY	2,443,828	Labor			3,333		2,443,828
1901001 1901001	613F 613K	613F ACCRD ENVIRONMENTAL LIAB-LONG TERM 613K (ICDP)-INCENTIVE COMP DEFERRAL PLAN	716 27,738	E Labor	716				27,738
1901001	615A	615A ACCRUED INTEREST EXP -STATE	0	PTD			0		21,100
1901001 1901001	615B 615B-MJE	615B ACCRUED INTEREST-LONG-TERM - FIN 48 615B-MJE ACCRD INTRST-TAX RES-L/T-FIN 48-MJE	(407,180) 432,254	E E	(407,180) 432,254				
1901001	615C	615C ACCRUED INTEREST-SHORT-TERM - FIN 48	4,634	Ē	4,634				
1901001	615E	615E ACCRUED STATE INCOME TAX EXP	(372,842)	E	(372,842)				
1901001 1901001	615O 641I	6150 BK DFL RAIL TRANS REV/EXP 641I ADVANCE RENTAL INC (CUR MO)	(0) 370,558	E PTD	(0)		370,558		
1901001	641X	641X DEFERRED INCOME - DOLET HILLS MINING BUYOUT	57,310	E	57,310				
1901001 1901001	651F 651H	651F DISALLOWED COSTS - TURK PLANT 651H DISALLOWED COSTS - TURK PLANT AUX BOILER	11,066,116 3,455,813	E E	11,066,116 3,455,813				
1901001	651I	DISALLOWED COSTS-TX TRANS VEG MGT CST	312,746	Е	312,746				
1901001 1901001	651J 651K	DISALLOWED COSTS-TX DIST VEG MGT CST DISALLOWED COSTS-TX TRANS VEG MGT CST-AMORT	861,751 (13,654)	E E	861,751 (13,654)				
1901001	651M	DISALLOWED COSTS-TX DIST VEG MGT CST-AMORT	(69,042)	E	(69,042)				
1901001 1901001	651Q 651R	DISALLOWED COSTS-TX SERP COSTS DISALLOWED COSTS-TX DIST COSTS	33,536 10,080	E E	33,536 10,080				
1901001	651S	DISALLOWED COSTS-TX GEN COSTS	· •	Ē	0				
1901001 1901001	651T 651W	DISALLOWED COSTS-TX CWIP FINBASED INCEN-TRANS DISALLOWED COSTS-TX CWIP FINBASED INCEN-DIST	384,494 462,497	E E	384,494 462,497				
1901001	651X	DISALLOWED COSTS-TX CWIP FINBASED INCEN-GEN	531,605	Ē	531,605				
1901001	651Y 651Z	DISALLOWED COSTS-TX RWIP FINBASED INCEN-TRANS DISALLOWED COSTS-TX RWIP FINBASED INCEN-DIST	13,522	E	13,522				
1901001 1901001	652G	652G REG LIAB-UNREAL MTM GAIN-DEFL	19,293 (348,128)	E E	19,293 (348,128)				
1901001	653A	DISALLOWED COSTS-TX RWIP FINBASED INCEN-GEN	19,903	E	19,903				
1901001 1901001	701A 702A	701A AMORT - GOODWILL PER BOOKS 702A GOODWILL PER TAX	1,271,789 (678,290)	E E	1,271,789 (678,290)				
1901001	710H	710H AMORT ELEC PLT ACQ ADJS	89,765	Е	89,765				
1901001 1901001	906F 906P	906F ACCRD OPEB COSTS - SFAS 158 906P ACCRD BOOK ARO EXPENSE - SFAS 143	(343,307) 23,692,713	E E	(343,307) 23,692,713				
1901001	911F-FIN48	911F-FIN48 FIN 48 DSIT	(20,805)	E	(20,805)				
1901001 1901001	911S 911S	911S ACCRUED SALES & USE TAX RESERVE 911S ACCRUED SALES & USE TAX RESERVE - MJE	(457,590) 457,590	E E	(457,590) 457,590				
1901001	911V	911V ACCRD SIT TX RESERVE-LNG-TERM-FIN 48	(725,327)	Ē	(725,327)				
1901001 1901001	911V-MJE 911W	911V-MJE ACCRD SIT TX RES-LNG-TERM-FIN 48-MJE 911W ACCRD SIT TX RESERVE-SHRT-TERM-FIN 48	565,363 11,266	E E	565,363 11,266				
1901001	911VV 940A	IRS AUDIT SETTLEMENT	(1,356,243)	E	(1,356,243)				
1901001	940X	940X IRS CAPITALIZATION ADJUSTMENT	363,635	PTD	, , ,		363,635		
1901001 1901001	960E 960Z	960E AMT CREDIT - DEFERRED 960Z NOL - DEFERRED TAX ASSET RECLASS	(0)	E E	(0) 0				
1901001	980A	RESTRICTED STOCK PLAN	24,141	Labor	_				24,141
1901001	980J	PSI - STOCK BASED COMP	117,714	Labor					117,714
1901002	014C-AR	NOL-STATE C/F-DEF TAX ASSET-L/T - AR	4,345,535	E	4,345,535				
1901002 1901002	014C-LA 014C-OK	NOL-STATE C/F-DEF TAX ASSET-L/T - LA NOL-STATE C/F-DEF TAX ASSET-L/T - OK	39,616,662 217,419	E E	39,616,662 217,419				
1001002	OTTO OIL				· ·				
		Forecast Adjustment to 190	1,448,230		1,285,562		53,885		108,784
		TOTAL FLEORIS 1005:::			400 =0 : ==				
190.1		TOTAL ELECTRIC ACCOUNT SUBTOTAL (Total Company Amount Ties to FF1 p.234(c) Electric)	113,842,056		102,734,951	0	4,243,840	0	6,863,266

(Total Company Amount Ties to FF1 p.234(c) -- Electric)

AEP West SPP Member Operating Companies SOUTHWESTERN ELECTRIC POWER COMPANY WORKSHEET C-3 -PRORATION OF PROPERTY-RELATED DEFERRED INCOME TAX BALANCES AS OF DECEMBER 31, 2019

Note: This workpaper documents the calculation of the rate base adjustment to prorate forecasted activity in ADIT required by IRS regulation Section1.167(I)-I(h)(6)(ii) when preparing forecasted rates. This worksheet is not used during Annual True-Ups. Proratable activity in Account 282 results from the use of accelerated tax depreciation on additions to plant in service. The adjustment on line 19 is included on Worksheet C as a reduction to the ending forecasted ADIT balance of account 282. A proration adjustment for account 190, if any, will be calculated beginning on line 20.

Account 2	282 Proration Adjustment			Sou	rce			
1	Rate Year ending balance		,	WS C-1			(1,410,895,282)	
2	Rate Year beginning balance			WS C-2			(1,376,177,457)	
3	Annual forecasted change			Line 1 less Line	e 2	-	-34,717,825	
4	Monthly forecasted change			Line 3 / 12	_		-2,893,152	
·	mentally released enalige			2.110 0 7 12			_,000,10_	
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(\mathbf{H})
		Proratable	D.C IT.	D '-	Number of			Decreted
	E A se Test De de I	Deferred Tax	Deferred Tax	Days in	Days Left in	D	Daniel III.	Prorated
<u>Line</u>	Future Test Period	Activity	Balance	Month	Period	Proration Amount	Prorated Item	Balance
5	Beginning Balance	(1,376,177,457)	(1,376,177,457)		365	100.00%	(1,376,177,457)	(1,376,177,457)
6	January (line 4)	(2,893,152)	(1,379,070,609)	31	335	91.78%	, ,	(1,378,832,816)
7	February	(2,893,152)	(1,381,963,762)	28	307	84.11%	, ,	(1,381,266,234)
8	March	(2,893,152)	(1,384,856,914)	31	276	75.62%	, ,	(1,383,453,933)
9	April	(2,893,152)	(1,387,750,066)	30	246	67.40%	, ,	(1,385,403,838)
10	May	(2,893,152)	(1,390,643,218)	31	215	58.90%	, ,	(1,387,108,024)
11	June	(2,893,152)	(1,393,536,370)	30	185	50.68%	, ,	(1,388,574,416)
12	July	(2,893,152)	(1,396,429,522)	31	154	42.19%		(1,389,795,088)
13	August	(2,893,152)	(1,399,322,674)	31	123	33.70%	, ,	(1,390,770,041)
14	September	(2,893,152)	(1,402,215,826)	30	93	25.48%	, ,	(1,391,507,200)
15	October	(2,893,152)	(1,405,108,978)	31	62	16.99%	• • • • • • • • • • • • • • • • • • • •	(1,391,998,640)
16	November	(2,893,152)	(1,408,002,130)	30	32	8.77%	, ,	(1,392,252,286)
17	December	(2,893,152)	(1,410,895,282)	31	1	0.27%	(7,926)	(1,392,260,212)
18	Ending Balance		(1,410,895,282)					(1,392,260,212)
19	Proration Adjustment - Line 18 Col. (H)	Jose Col. (C.)						\$ 18,635,070
20	90 Proration Adjustment Rate Year ending balance Rate Year beginning balance			Sou WS C-1 WS C-2	rce		- -	
20 21	Rate Year ending balance Rate Year beginning balance			WS C-1 WS C-2			- -	
20	Rate Year ending balance			WS C-1			- - 0 0	
20 21 22	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change			WS C-1 WS C-2 Line 20 less Lii Line 22 / 12	ne 21		0	
20 21 22	Rate Year ending balance Rate Year beginning balance Annual forecasted change	(B) Proratable		WS C-1 WS C-2 Line 20 less Lir	ne 21 (E)	(F)		(H)
20 21 22	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change	Proratable	(C)	WS C-1 WS C-2 Line 20 less Li Line 22 / 12 (D)	ne 21 (E) Number of	(F)	0	` ,
20 21 22 23	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in	ne 21 (E) Number of Days Left in		0	Prorated
20 21 22 23 <u>Line</u>	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period	Proratable	(C)	WS C-1 WS C-2 Line 20 less Li Line 22 / 12 (D)	(E) Number of Days Left in Period	Proration Amount	(G)	` ,
20 21 22 23 <u>Line</u> 24	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month	(E) Number of Days Left in Period 365	Proration Amount 100.00%	(G)	Prorated
20 21 22 23 <u>Line</u> 24 25	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4)	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month	(E) Number of Days Left in Period 365 335	Proration Amount 100.00% 91.78%	(G)	Prorated
20 21 22 23 <u>Line</u> 24 25 26	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month	(E) Number of Days Left in Period 365 335 307	Proration Amount 100.00% 91.78% 84.11%	(G)	Prorated
20 21 22 23 <u>Line</u> 24 25 26 27	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31	(E) Number of Days Left in Period 365 335 307 276	Proration Amount 100.00% 91.78% 84.11% 75.62%	(G)	Prorated
20 21 22 23 <u>Line</u> 24 25 26 27 28	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30	(E) Number of Days Left in Period 365 335 307 276 246	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31	(E) Number of Days Left in Period 365 335 307 276 246 215	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29 30	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30	(E) Number of Days Left in Period 365 335 307 276 246 215 185	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29 30 31	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June July	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30 31	(E) Number of Days Left in Period 365 335 307 276 246 215 185 154	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68% 42.19%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29 30 31 32	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June July August	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30 31 31 31	(E) Number of Days Left in Period 365 335 307 276 246 215 185 154 123	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68% 42.19% 33.70%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29 30 31 32 33	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June July August September	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30 31 31 30	(E) Number of Days Left in Period 365 335 307 276 246 215 185 154 123 93	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68% 42.19% 33.70% 25.48%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29 30 31 32 33 34	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June July August September October	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30 31 30 31 30 31	(E) Number of Days Left in Period 365 335 307 276 246 215 185 154 123 93 62	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68% 42.19% 33.70% 25.48% 16.99%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29 30 31 32 33	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June July August September	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30 31 31 30	(E) Number of Days Left in Period 365 335 307 276 246 215 185 154 123 93	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68% 42.19% 33.70% 25.48%	(G)	Prorated
20 21 22 23 Line 24 25 26 27 28 29 30 31 32 33 34 35	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June July August September October November	Proratable Deferred Tax	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30 31 30 31 30 31 30	(E) Number of Days Left in Period 365 335 307 276 246 215 185 154 123 93 62 32	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68% 42.19% 33.70% 25.48% 16.99% 8.77%	(G)	Prorated
20 21 22 23 23 24 25 26 27 28 29 30 31 32 33 34 35 36	Rate Year ending balance Rate Year beginning balance Annual forecasted change Monthly forecasted change (A) Future Test Period Beginning Balance January (line 4) February March April May June July August September October November December	Proratable Deferred Tax Activity	(C) Deferred Tax	WS C-1 WS C-2 Line 20 less Line 22 / 12 (D) Days in Month 31 28 31 30 31 30 31 30 31 30 31 30	(E) Number of Days Left in Period 365 335 307 276 246 215 185 154 123 93 62 32	Proration Amount 100.00% 91.78% 84.11% 75.62% 67.40% 58.90% 50.68% 42.19% 33.70% 25.48% 16.99% 8.77%	(G)	Prorated

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet D - Working Capital Rate Base Adjustments SOUTHWESTERN ELECTRIC POWER COMPANY

(A) (B) (C) (D) (E) (F) (G) (H) (I)

Materials & Supplies

<u>Line</u> <u>Number</u>		<u>Source</u>	Balance @ December 31, 2019 FF1, p. 227, Col. (c)	Balance @ December 31, 2018 FF1, p. 227, Col. (b)	Average Balance for Rate Year		
1 2 3	Transmission Materials & Supplies Less: Transmission Serving Generation Transmission M&S, Excl Trans Serving Gen	FF1, p. 227, In 8, Col. (c & b) Company Records	107,954	107,954	107,954 107,954		
4	General Materials & Supplies	FF1, p. 227, In 11, Col. (c & b)	77,735	77,735	77,735		
5	Stores Expense (Undistributed) - Account 163	FF1, p. 227, In 16, Col. (c & b)		-	0		
		Prepayment Average of YE Balance	t Balance Summary Excludable Balances	100% Transmission <u>Related</u>	Plant <u>Related</u>	Labor <u>Related</u>	Total Included in Rate Base (E)+(F)+(G)
6 7 8	Totals as of December 31, 2019 Totals as of December 31, 2018 Average Balance	29,418,343 29,418,343 29,418,343	(69,374,032) (69,374,032) (69,374,032)	0 0 0	1,781,959 1,781,959 1,781,959	97,010,416 97,010,416 97,010,416	98,792,375 98,792,375 98,792,375

Prepayments Account 165 - Balance @ 12/31/2019

		Pr	epayments Account 165 -	Balance @ 12/31/20					
	Acc. No.	<u>Description</u>	2019 <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)	<u>Explanation</u>
9 10	1650001 1650004	Prepaid Insurance Prepaid Interest	1,377,548 0			624,576	752,972		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.
11	1650006	Prepaid Employee Benefits Other Prepayments	16,474,492	16,474,492					Prepaid Oklahoma Corporate Commission Fees (OCC) and NERC Assessment Fees.Prepaid Outage Alerts Service, Prepaid AMI Advertising and promotion costs.
13	1650009	Prepaid Carry Cost	129,133	129,133					AR Factoring - Excluded because it is retail.
14 15 16	1650010 165001116 165001216	Prepaid Pension Benefits Prepaid Sales Taxes Prepaid Use Taxes	95,630,493 803,600 20,087	20,087		803,600	95,630,493	803,600 0	Prefunded Pension Expense Non-Cash Offset Excludable
17 18 19	165001316 1650014 1650016	Prepaid Local Franchise Taxes FAS 158 Qual Contra Asset FAS 112 ASSETS	57,865 (95,630,493)	57,865 (95,630,493)				0	from Rate Base SFAS 158 Offset Plant (Property) Ins and EIS Excess Liability Ins.
20 21	1650017	Prepayment - Coal Prepaid Insurance - EIS	9,075,000	9,075,000		252 702	626.051	980,734	
22	1650021 1650023	Prepaid Leases	980,734 199,884	199,884		353,783	626,951	980,734	
23 24 25 26 27 28	1650029 1650030 1650031 1650032 1650033 1650034	Future Wetland Credits - Long Term Other Prepayments - Long Term Prepaid OCIP Work Comp Prepaid OCIP Work Comp-Long Term Prepaid OCIP Work Comp-Affiliated Prepaid OCIP Work Comp-Affiliated Long Term	300,000 0 0 0 0	300,000 0				0 0 0 0 0	
29 30	1650035 1650036	PRW Without MED-D Benefits PRW for Med-D Benefits	23,527,840	23,527,840				0	
31 32 33 34 35 36 37	1650037	FAS158 Contra-PRW Exclude Med-D	(23,527,840)	(23,527,840)				0 0 0 0 0	
38								-	
39								-	

(69,374,032)

1,781,959

97,010,416

98,792,375

Prepayments	Account	165 -	Balance	@ 1	2/31/2018
•					

29,418,343

Subtotal - Form 1, p 111.57.c

41 <u>A</u>	cc. No.	<u>Description</u>	yments Account 165 - E 2018 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)	<u>Explanation</u>
42 165000 43 165000 44 165000	04	Prepaid Insurance Prepaid Interest Prepaid Employee Benefits	1,377,548 0 0	0		624,576 0	752,972	1,377,548 0 0	Plant (Property) Ins., Cyb Risk Ins, Property Broker fees, Liabliity Ins and Broker's fees. Prepaid Royalty Pmts to C
45 165000 46 165000		Other Prepayments Prepaid Carry Cost	16,474,492 129,133	16,474,492 129,133				0	Leaseholders, Stall Prepa agreement fees & NERC Assessment fees.
47 16500° 48 16500° 49 16500° 50 16500° 51 16500° 52 16500° 53 16500°	1116 1216 1316 14 16	Prepaid Pension Benefits Prepaid Sales Taxes Prepaid Use Taxes Prepaid Local Franchise Taxes FAS 158 Qual Contra Asset FAS 112 ASSETS Prepayment - Coal	95,630,493 803,600 20,087 57,865 (95,630,493) 0 9,075,000	20,087 57,865 (95,630,493) 0 9,075,000		803,600	95,630,493	803,600 0 0	Prefunded Pension Expension SFAS 158 Offset
54 165002 55 165002	21	Prepaid Insurance - EIS Prepaid Leases	980,734 199,884	199,884		353,783	626,951	980,734 0	
56 165002 57 165003 58 165003 59 165003 60 165003 61 165003	30 31 32 33	Future Wetland Credits - Long Term Other Prepayments - Long Term Prepaid OCIP Work Comp Prepaid OCIP Work Comp-Long Term Prepaid OCIP Work Comp-Affiliated Prepaid OCIP Work Comp-Affiliated Long Term	300,000 0 0 0 0	300,000				0 0 0 0 0	
62 165003 63 165003 64 165003 65 66 67 68	36	PRW Without MED-D Benefits PRW for Med-D Benefits FAS158 Contra-PRW Exclude Med-D	23,527,840 0 (23,527,840)	23,527,840 (23,527,840)				0 0 0	
69 70 71 72 73									
74		Subtotal - Form 1, p 111.57.e d	29,418,343	(69,374,032)	0	1,781,959	97,010,416	98,792,375	_

Page: 49 of 59

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet E - IPP Credits SOUTHWESTERN ELECTRIC POWER COMPANY

<u>Line</u> Number	(A) <u>Description</u>	(B) <u>2019</u>
1	Net Funds from IPP Customers @ 12/31/2018 (2019 FORM 1, P269, (B))	25,261,807
2	Interest Accrual (Company Records)	-
3	Revenue Credits to Generators (Company Records)	(110,144)
4 5 6	Other Adjustments (Company Records) Accounting Adjustment	-
7	Net Funds from IPP Customers 12/31/2019 (2019 FORM 1, P269, (F))	25,151,663
8	Average Balance for 2019 ((ln 1 + ln 7)/2)	25,206,735

AEP West SPP Member Operating Companies

Actual / Projected 2019 Rate Year Cost of Service Formula Rate

Worksheet F - Calculation of PROJECTED Annual Revenue Requirement for Base Plan and Special-Billed Projects

SOUTHWESTERN ELECTRIC POWER COMPANY

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

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

1	ROE w/o incentives (TCOS, In 1	41)		10.50%
2	Project ROE Incentive Adder (En	Project ROE Incentive Adder (Enter as whole number)		- basis points
3	ROE with additional 0 basis point	ROE with additional 0 basis point incentive		10.50% <==Incentive ROE
4	Determine R (cost of long term of	lebt, cost of preferred	stock and percent is from	TCOS, Ins 139 through 141)
5		<u>%</u>	Cost	Weighted cost
6	Long Term Debt	53.32%	4.59%	2.45%
7	Preferred Stock	0.00%	0.00%	0.00%
8	Common Stock	46.68%	10.50%	<u>4.90%</u>
9			R =	= 7.35%

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

10	Rate Base (TCOS, In 62)	1,053,463,228
11	R (from A. above)	0.0735_
12	Return (Rate Base x R)	77,391,368

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

13	Return (from B. above)	77,391,368
14	Tax Rate (TCOS, In 97)	24.72%
15	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =	21.91%
16	Income Tax Calculation (Return x EIT)	16,955,146
17	ITC Adjustment (TCOS, In 106)	(264,343)
18	Excess DFIT Adjustment (TCOS, In 107)	(6,875,438)
19	Tax Effect of Permanent and Flow Through Differences (TCOS, In 108)	324,712
20	Income Taxes	10,140,076

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.

21	Net Revenue Requirement (TCOS, In 115)	174,756,782
22	Return (TCOS, In 110)	77,391,368
23	Income Taxes (TCOS, In 109)	10,140,076
24	Gross Margin Taxes (TCOS, In 114)	151,704
25	Net Revenue Requirement, Less Return and Taxes	87,073,634

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

Net Revenue Requirement, Less Return and Taxes	87,073,634
Return (from I.B. above)	77,391,368
Income Taxes (from I.C. above)	10,140,076
Net Revenue Requirement, with 0 Basis Point ROE increase	174,605,078
Gross Margin Tax with Basis Point ROE Increase (II C. below)	151,704
Revenue Requirement w/ Gross Margin Taxes	174,756,782
Less: Depreciation (TCOS, In 84)	43,069,260
Net Rev. Req, w/0 Basis Point ROE increase, less Depreciation	131,687,523

C. Determine Gross Margin Tax with hypothetical 0 basis point increase in ROE. Net Revenue Requirement before Gross Margin Taxes, with 0 174,605,078

34	Net Revenue Requirement before Gross Margin Taxes, with 0	174,605,078
35	Basis Point ROE increase (II B. above)	
36	Apportionment Factor to Texas (Worksheet K, In 12)	39.46%
37	Apportioned Texas Revenues	68,896,064
38	Taxable Percentage of Revenue	22.0%
39	Taxable, Apportioned Margin	15,157,134
40	Texas Gross Margin Tax Rate	1.0%
41	Texas Gross Margin Tax Expense	151,571
42	Gross-up Required for Gross Margin Tax Expense	133
43	Total Additional Gross Margin Tax Revenue Requirement	151,704

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

44	Net Transmission Plant (TCOS, In 37)	1,322,752,579
45	Net Revenue Requirement, with 0 Basis Point ROE increase	174,756,782
46	FCR with 0 Basis Point increase in ROE	13.21%
47	Net Rev. Req, w / 0 Basis Point ROE increase, less Dep.	131,687,523
48	FCR with 0 Basis Point ROE increase, less Depreciation	9.96%
49	FCR less Depreciation (TCOS, In 10)	<u>9.96%</u>
50	Incremental FCR with 0 Basis Point ROE increase, less Depreciation	0.00%

III. Calculation of Composite Depreciation Rate

27 28

	111.	Calculation of Composite Depreciation Rate	
51		Transmission Plant @ Beginning of Period (Worksheet A In 9 col. ((D))	1,845,274,305
52		Transmission Plant @ End of Period (Worksheet A In 9 col. ((C))	2,008,632,154
			3,853,906,459
53		Transmission Plant Average Balance for 2019	1,926,953,229
54		Annual Depreciation Expense (TCOS, In 84)	45,165,576
55		Composite Depreciation Rate	2.34%
56		Depreciable Life for Composite Depreciation Rate	42.66
57		Round to nearest whole year	43

AEP - SPP Formula Rate TCOS - WS F Page: 50 of 59

Note: Worksheets F and G are both populated from the TCOS worksheet every update. Worksheet F is only used in Projections. Worksheet G is used only in True-Ups. These worksheets add up all of the individual SPP Base Plan projects, Requested Upgrades, Economic Upgrades, or any other projects billed by SPP through other than the NITS

SUMMARY OF PROJECTED ANNUAL BASE PLAN AND NON-BASE PLAN REVENUE REQUIREMENTS

Rev Require With Incentives Incentive Amounts

5 Projected Year 2019 77,320,358 77,320,358 \$ -

NOTE: PART IV ---Projected Base Plan Project Tables are contained in a separate file

'Worksheet F -- SOUTHWESTERN ELECTRIC POWER COMPANY -- Calculation of Projected ARR for SPP Base Plan Upgrade Projects

IV. Determine the Revenue Requirement & Additional Revenue Requirement for facilities receiving incentives.

A. Facilities receiving incer	ntives accepted by FE	RC in Docket No.				
Project Description:						
DETAILS		Project Number				
Investment (EOY)		Projected Year				2019
Service Year (yyyy)		ROE increase accepted by FERC (Basis Points)				
Service Month (1-12)	-	- FCR w/o incentives, less depreciation				
Useful life	-	FCR w/incentives approved	for these facilities, less	s dep.		9.96%
CIAC (Yes or No)		Annual Depreciation Expen	se			-
Investment	Beginning	Depreciation	Ending	Annual Revenue	Annual Revenue Req't.	Additional Rev.

	Investment	Beginning	Depreciation	Ending	Annual Revenue	Annual Revenue Req't.	Additional Rev.
	Year	Balance	Expense	Balance	Requirement	with Incentives	Requirement **
ſ	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ - e
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	-
	-	-	-	-	-	-	\$ - \$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	-
	-	-	-	-	-	-	\$ - \$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	-
	-	-	-	-	-	-	\$ - \$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	-
	-	-	-	-	-	-	\$ - \$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	-
	-	-	-	-	-	-	\$ -
	-	-	-	-	-		\$ - \$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	-
	-	-	-	-	-	-	\$ - \$ -
	-			-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	-
	<u>-</u>	-	-	-	-	-	\$ - \$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ e
	-	_ [-	-	-	_	\$ - \$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
	-	-	-	-	-	-	\$ -
L	- Duals at Tatals	-	-	-	-	-	-
	Project Totals		-		-	-	-

^{**} This is the calculation of additional incentive revenue on projects deemed by the FERC to be eligible for an incentive return. This additional incentive requirement is applicable for the life of this specific project. Each year the revenue requirement calculated for SPP should be incremented by the amount of the incentive revenue calculated for that year on this project.

Current Projected Year ARR

Current Projected Year ARR w/ Incentive

Current Projected Year Incentive ARR

CUMMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:
INPUT PROJECTED ARR (WITH & WITHOUT INCENTIVES) FROM EACH PRIOR YEAR
TEMPLATE BELOW TO MAINTAIN HISTORY OF PROJECTED ARRS OVER THE
LIFE OF THE PROJECT.

PROJECTED Rev.	Project Pay Pagit	PROJECTED Rev.	Project Pay Poglt	
Req't From Prior Year Template	Project Rev Req't True-up	Req't From Prior Year Template	Project Rev Req't True-up	True-up of Incentive
w/o Incentives	w/o Incentives	with Incentives **	with Incentives **	with Incentives **
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		-	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ •		\$ - ¢	\$ - \$ -
	\$ - \$ -		\$ \$	\$ -
	\$ -		\$ -	\$ -
			'	
	\$ - \$ -		\$ \$	\$ - \$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ - \$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		- - - - - - - - -	\$ -
	\$ -		\$ -	\$ -
	\$ -			\$ -
	\$ -		\$ - \$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ - \$ - \$	\$ -
	\$ -		-	\$ -
	\$ -			\$ -
	\$ -		\$ - \$ 5 \$ 5 \$ 5 \$ 6	\$ -
	-		-	\$ -
	\$ -		-	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ - \$ -	\$ -
	-		-	\$ -
			\$ - \$ - \$ -	
	\$ -		-	\$ -

AEP West SPP Member Operating Companies

Actual / Projected 2019 Rate Year Cost of Service Formula Rate

Worksheet G - Calculation of TRUED-UP Annual Revenue Requirement for Base Plan and Special-Billed Projects

SOUTHWESTERN ELECTRIC POWER COMPANY

Calculate Return and Income Taxes with 0 basis point ROE increase for Projects Qualified for Incentive. <u>Line</u> |. <u>Number</u>

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

1	ROE w/o incentives (TCOS, In 141)		10.50%
2	Project ROE Incentive Adder (Enter	as whole number)		- basis points
3	ROE with additional 0 basis point in	centive		10.50% <==Incentive ROE
4	Determine R (cost of long term deb	t, cost of preferred st	tock and percent is from TC	OS, Ins 139 through 141)
5		<u>%</u>	Cost	Weighted cost
6	Long Term Debt	53.32%	4.59%	2.45%
7	Preferred Stock	0.00%	0.00%	0.00%
8	Common Stock	46.68%	10.50%	<u>4.90%</u>
9			R =	7.35%

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

10	Rate Base (TCOS, In 62)	1,053,463,228
11	R (from A. above)	0.0735
12	Return (Rate Base x R)	77,391,368

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

13	Return (from B. above)	77,391,368
14	Tax Rate (TCOS, In 97)	24.72%
15	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =	21.91%
16	Income Tax Calculation (Return x EIT)	16,955,146
17	ITC Adjustment (TCOS, In 106)	(264,343)
18	Excess DFIT Adjustment (TCOS, In 107)	(6,875,438)
19	Tax Effect of Permanent and Flow Through Differences (TCOS, In 108)	324,712
20	Income Taxes	10,140,076

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

1,322,752,579

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

21	Net Revenue Requirement (TCOS, In 115)	174,756,782
22	Return (TCOS, In 110)	77,391,368
23	Income Taxes (TCOS, In 109)	10,140,076
24	Gross Margin Taxes (TCOS, In 114)	151,704
25	Net Revenue Requirement, Less Return and Taxes	87,073,634

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

26	Net Revenue Requirement, Less Return and Taxes	87,073,634
27	Return (from I.B. above)	77,391,368
28	Income Taxes (from I.C. above)	10,140,076
29	Net Revenue Requirement, with 0 Basis Point ROE increase	174,605,078
30	Gross Margin Tax with Basis Point ROE Increase (II C. below)	151,704
31	Revenue Requirement w/ Gross Margin Taxes	174,756,782
32	Less: Depreciation (TCOS, In 84)	43,069,260
33	Net Rev. Req, w/0 Basis Point ROE increase, less Depreciation	131,687,523

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

34	Net Revenue Requirement before Gross Margin Taxes, with 0	174,605,078
35	Basis Point ROE increase (II B. above)	
36	Apportionment Factor to Texas (Worksheet K, In 12)	39.46%
37	Apportioned Texas Revenues	68,896,064
38	Taxable Percentage of Revenue	22.0%
39	Taxable, Apportioned Margin	15,157,134
40	Texas Gross Margin Tax Rate	1.0%
41	Texas Gross Margin Tax Expense	151,571
42	Gross-up Required for Gross Margin Tax Expense	133_
43	Total Additional Gross Margin Tax Revenue Requirement	151,704

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

45	Net Revenue Requirement, with 0 Basis Point ROE increase	174,756,782
46	FCR with 0 Basis Point increase in ROE	13.21%
47	Net Rev. Req, w / 0 Basis Point ROE increase, less Dep.	131,687,523
48	FCR with 0 Basis Point ROE increase, less Depreciation	9.96%
49	FCR less Depreciation (TCOS, In 10)	<u>9.96%</u>
50	Incremental FCR with 0 Basis Point ROE increase, less Depreciation	0.00%

Net Transmission Plant (TCOS, In 37)

44

	Ш.	Calculation of Composite Depreciation Rate	
51		Transmission Plant @ Beginning of Period (Worksheet A In 9 col. ((D))	1,845,274,305
52		Transmission Plant @ End of Period (Worksheet A In 9 col. ((C))	2,008,632,154
			3,853,906,459
53		Transmission Plant Average Balance for 2019	1,926,953,229
54		Annual Depreciation Expense (TCOS, In 84)	45,165,576
55		Composite Depreciation Rate	2.34%
56		Depreciable Life for Composite Depreciation Rate	42.66
57		Round to nearest whole year	43

AEP - SPP Formula Rate TCOS - WS G Page: 52 of 59

Note: Worksheets F and G are both populated from the TCOS worksheet every update. Worksheet F is only used in Projections. Worksheet G is used only in True-Ups. These worksheets add up all of the individual SPP Base Plan projects, Requested Upgrades, Economic Upgrades, or any other projects billed by SPP through other than the NITS

SUMMARY OF TR BPU PROJECTS	UED-UP ANNU	AL RE\	/ENUE REQUII	REM	ENTS FOR SF	PP BPU & NON	-
		Rev R	Require	With	Incentives	Incentive Amount	s
True-Up Rate Year	2017						
∑ True Up Year Projec	ted WS-F	\$	86,612,871	\$	86,612,871	\$	-
∑ True-Up Year True-I	Up WS-G	\$	86,327,442	\$	86,327,442	\$	-
True-up Adjustment Fo	r 2017		(285,430)		(285,430)		-

NOTE: PART IV --- True-Up Base Plan Project Tables are contained in a separate file

Worksheet G -- SOUTHWESTERN ELECTRIC POWER COMPANY-- Calculation of Trued-Up ARR for SPP Base Plan Upgrade Projects

IV. Determine the Revenue Requirement, and Additional Revenue Requirement for facilities receiving incentives.

A. Facilities receiving incentives ac	Facilities receiving incentives accepted by FERC in Docket No.						
Project Description:							
Details	Project Number						
Investment (EOY)	True-Up Year 2017						
Service Year (yyyy)	ROE increase accepted by FERC (Basis Points)						
Service Month (1-12)	FCR w/o incentives, less depreciation 9.96%						
Useful life	FCR w/incentives approved for these facilities, less dep. 9.96%						
CIAC (Yes or No)	Annual Depreciation Expense						
	Annual Revenue						

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	Annual Revenue Requirement	Annual Revenue Req't. with Incentives	Incentive Rev. Requirement **
2013	-	-			\$0	\$0	\$ -
2014	_	_	_	_	-		\$ -
2015	_	_	_	_	_	_	\$ -
2016	_	_	_	_	_	_	\$ -
2017	_	_	_	_	_	_	\$ -
2018	_	_	-	_	_	_	\$ -
2019	_	_	<u>-</u>	_	_	_	\$ -
2020		_	-	_	_		\$ -
2021	_	_	<u>-</u>	_		_	\$ -
2022			-	-	-	-	\$ -
2023						-	\$ -
2023	-	-	-	-	-	-	
	-	-	-	-	-	-	\$ -
2025	-	-	-	-	-	-	\$ -
2026	-	-	-	-	-	-	\$ -
2027	-	-	-	-	-	-	\$ -
2028	-	-	-	-	-	-	\$ -
2029	-	-	-	-	-	-	\$ -
2030	-	-	-	-	-	-	\$ -
2031	-	-	-	-	-	-	\$ -
2032	-	-	-	-	-	-	\$ -
2033	-	-	-	-	-	-	\$ -
2034	-	-	-	-	-	-	\$ -
2035	-	-	-	-	-	-	\$ -
2036	-	-	-	-	-	-	\$ -
2037	-	-	-	-	-	-	\$ -
2038	-	-	-	-	-	-	\$ -
2039	-	-	-	-	-	-	\$ -
2040	-	-	-	-	-	-	\$ -
2041	-	-	-	-	-	-	\$ -
2042	-	-	-	-	-	-	\$ -
2043	-	-	-	-	-	-	\$ -
2044	-	-	-	-	-	-	\$ -
2045	_	-	-	-	-	-	\$ -
2046	_	-	_	_	_	-	\$ -
2047	_	-	_	_	_	_	\$ -
2048	_	-	_	_	_	_	\$ -
2049	_	_	_	_	_	_	\$ -
2050	_	_	_	_	_	_	\$ -
2051	_	_	_	_	_	_	\$ -
2052]		_	_	_	_	\$ -
2053]	_				<u> </u>	\$ -
2054]					<u> </u>	\$ -
2055		<u> </u>	<u>-</u>	<u> </u>	<u>-</u>	<u>.</u>	φ <u>-</u>
2056	1	·	-	-	-	·	ψ - ¢
2056	· ·	·	-	-	·	-	φ - ¢
	_	·	-	-	-	-	φ - ¢
2058	_	<u> </u>	-	-	-	-	ф •
2059	-	-	-	-	-	-	ф •
2060	-	-	-	-	-	-	Т
2061	-	·	-	-	-	-	\$ -
2062	-	-	-	-	-	-	\$ -
2063	-	-	-	-	-	-	-
2064	-	-	-	-	-	-	\$ -
2065	-	-	-	-	-	-	-
2066	-	-	-	-	-	-	\$ -
2067	-	-	-	-	-	-	\$ -
2068	-	-	-	-	<u> </u>		\$ -
Drainat Tatala		1 005 550			4 670 444	4 670 444	

4,670,144

4,670,144

Project Totals 1,035,552

** This is the total amount that needs to be reported to SPP for billing to all regions.

	2017	Rev Require	w/Incentives	Incentive Amounts
Rate Ye	ar Projected (WS-F)			-
Rate Ye	ear True-Up (WS-G)			-
	True-Up Adjustment			-

CUMMULATIVE HISTORY OF TRUED-UP ANNUAL REVENUE REQUIREMENTS:
INPUT TRUE-UP ARR (WITH & WITHOUT INCENTIVES) FROM EACH PRIOR YEAR
TEMPLATE BELOW TO MAINTAIN HISTORY OF TRUED-UP ARRS OVER THE
LIFE OF THE PROJECT.

BPU Rev.				
Req't.From Prior	BPU Rev Req't			
Year Template w/o Incentives	True-up w/o Incentives	Prior Year Template with Incentives **	up with Incentives **	True-up of Incentive with Incentives **
w/o incentives	\$ -	with incentives	\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	-		\$ -	\$ -
	-		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ - \$ -		\$ - \$ -	\$ •
	\$ -		\$ -	\$ - \$
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	-		\$ -	-
	\$ -		\$ -	-
	-		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ - \$ -		\$ •	\$ -
	\$ -		\$ - \$ -	\$ - \$ -
	\$ -		\$ -	
	\$ -		\$ -	\$ - \$ -
	\$ -			\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		-	-
	\$ -		-	-
	\$ •		- c	- -
	\$ •		Ф -	- Ф
	\$ - \$ -		- \$ -	- \$ -
	\$ -		- I	- \$
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		\$ -	\$ -
	\$ -		-	-
	\$ -			
	\$ -			-
	\$ •			- -
	\$ - \$ -		\$ - \$ -	\$ - \$ -
	Ψ -		Ψ -	Ψ -

^{**} This is the calculation of additional incentive revenue on projects deemed by the FERC to be eligible for an incentive return. This additional incentive requirement is applicable for the life of this specific project. Each year the revenue requirement calculated for SPP should be incremented by the amount of the incentive revenue calculated for that year on this project.

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet H - Revenue Credits SOUTHWESTERN ELECTRIC POWER COMPANY

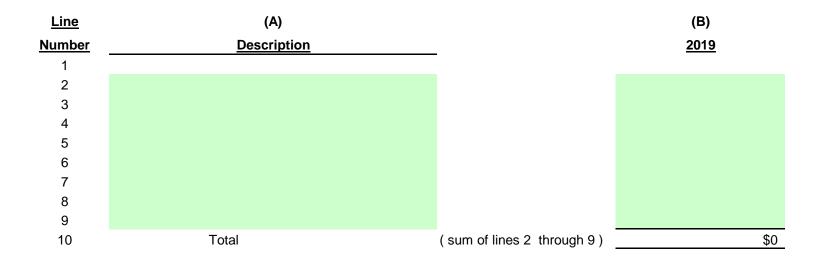
Line:		Total Company	Non- Transmission	Transmission
1	Account 450, Forfeited Discounts (FF1 p.300.16.(b); Company Records - Note 1)	4,999,999	4,999,999	-
2	Account 451, Misc. Service Revenues (FF1 p.300.17.(b); Company Records - Note 1)	2,275,000	2,275,000	-
	Account 454, Rent from Electric Property (FF1 p.300.19.(b); Company Records - Note 1)			
	Account 4540001 - Rent from Elect Property-Aff	1,513,122	1,513,122	-
	Account 4540002 - Rent from Elect Property - Non-Aff	3,100,000	3,072,430	27,570
	Account 4540005 - Rent from Elect Property - Pole Attach	4,700,000	4,700,000	-
	Account 4540004 - Rent from Elect Property - ABD - Non-Aff	-	-	-
	Other 454 Accounts			
3	Total Rents from Electric Property	9,313,122		27,570
	Assessed AEC 0. Other Consection Developes (EEA to 200 04 (b)). Common December Note 4)			
	Account 456.0 Other Operating Revenues (FF1 p.300.21.(b); Company Records - Note 1)	0.40.050		040.000
	1 Account 4560015, Revenues from Associated Business Development	846,050		213,233
1	2 All Other 456.0 Revenues	5,550,000		- 242.222
4	Total 456.0 Other Operating Revenues	6,396,050		213,233
	Account 456.1, Revenues from Transmission of Electricity of Others (FF1 p.300.22.(b); Com	pany Records	- Note 1)	103,589,966
	, and a second control of the second control		,	
	Less:			
	Transmission Direct Assignment Revenue (if costs not in the ARR)			1,255,380
	Sponsored Upgrade Revenue			, ,
	Credits against Transmission Service Revenue related to Generation Interconnections			_
	Revenue for GFA's (Relative to SPP OATT) Associated with Load Included in the Divisor			
	Network Service Revenue (SPP Schedule 9) Associated with Load included in the Divisor			46,006,231
	Revenue Associated with Transmission Plant Excluded From SPP Tariff			10,000,201
	Distribution and Other Non-Transmission Revenue			
	Revenue from SPP Ancillary Services Provided			1,033,001
	Base Plan Revenue (from SPP)			48,519,219
	· · · · · · · · · · · · · · · · · · ·			40,519,219
	Flow Through of ERCOT Ancillary Charges Other			
5		omicaion Cradi		ФС 77C 40E
5	Net 456.1 Trans	inission Credi	เร	\$6,776,135
6	Account 457.1, Regional Control Service Revenues (FF1 p.300.23.(b); Company Records - Note 1)			
7	Account 457.2, Miscellaneous Revenues (FF1p.300.24.(b); Company Records - Note 1)			
•				
8	Total Revenue Credits - Sum lines 1 through 7			\$7,016,938

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

Page: 55 of 59

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet I - Supporting Transmission Expense Adjustments SOUTHWESTERN ELECTRIC POWER COMPANY

Note: This worksheet is used to include any FERC jurisdictional transmission-related (i.e. non-retail) expenses recorded in Accounts 561 or 565 which are includable in the formula on TCOS line 66, and make any other necessary FERC jurisdictional adjustments to Transmission O&M.



AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate 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>2019</u> <u>Expense</u>	100% Non-Transmission	100% Transmission Specific	Explanation of Transmission Specific Items
		Account 928				
1	928	Regulatory Commission Expense	428,928	428,928	0	
2 3						
4						
5 6						
7						
8						
9 10						
11						
12 13						
14						
15						
16		Total (FERC Form 1 p.323.189.b)	428,928	428,928	0	
17	9301000	Account 930.1 General Advertising Expenses	211,829	211,829		
18	3001000	Central Advertising Expenses	211,023	211,020		
19						
20 21						
22		Total (FERC Form 1 p.323.191.b)	211,829	211,829	0	
					<u> </u>	
23	9302000	Account 930.2 Misc General Expenses	1,139,994	1,139,994		
24	9302000	Wilse General Expenses	1,139,994	1,100,004		
25						
26 27						
		Total /FEDO Forms 4 is 202 400 b)	4.400.004	4.400.004		
28		Total (FERC Form 1 p.323.192.b)	1,139,994	1,139,994	<u>-</u>	

AEP West SPP Member Operating Companies

Actual / Projected 2019 Rate Year Cost of Service Formula Rate

Worksheet K - Development of Composite State Income Tax Rate

SOUTHWESTERN ELECTRIC POWER COMPANY

I. DEVELOPMENT OF COMPOSITE STATE INCOME TAX RATES FOR 2019

State Income Tax Rate - Oklahoma	Note 1	5.66%	
Apportionment Factor		0.18%	
Effective State Income Tax Rate			0.0103%
State Income Tax Rate - Texas		0.75%	
Apportionment Factor		5.10%	
Effective State Income Tax Rate			0.0383%
State Income Tax Rate - Louisiana		8.00%	
Apportionment Factor		38.51%	
Effective State Income Tax Rate			3.0808%
State Income Tax Rate - Arkansas		6.50%	
Apportionment Factor		24.39%	
Effective State Income Tax Rate			1.5851%
State Income Tax Rate - Nebraska		5.58%	
Apportionment Factor		0.00%	
Effective State Income Tax Rate			0.0000%
		_	
Total Effective State Income Tax Rate		_	4.7100%
		-	

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.

II. CALCULATION OF TEXAS GROSS MARGIN TAX

		Projected / A	<u>ctual</u>
		Total Company	Trans. Only
Line #	REVENUE REQUIREMENT BEFORE TEXAS GROSS MARGIN TAX (TCOS In 114)	647,737,086	174,605,078
1	Apportionment Factor to Texas (In12)	39.46%	39.46%
2	Apportioned Texas Revenues	\$255,585,554	\$68,896,064
3	Taxable Percentage of Revenue	22%	22%
4	Taxable, Apportioned Margin	56,228,822	15,157,134
5	Texas Gross Margin Tax Rate	1%	1%
6	Texas Gross Margin Tax Expense	562,288	151,571
7	Gross-up Required for Texas Gross Margin Expense	493	133
	((ln 6 * ln 3 * ln 1)/(1- ln 5) * ln 5)		
8	Total Additional Gross Margin Tax Revenue Requirement	562,781	151,704
9	WHOLESALE LOAD ALLOCATOR (For Use in Gross Margin Tax Allocator)		
10	Texas Jurisdictional Load 1,209,000 KW		
11	Total Load 3,064,000 KW		
12	Allocation Percentage (In 10 / In 11) 39.46%		

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate Worksheet L - Taxes Other than Income SOUTHWESTERN ELECTRIC POWER COMPANY

	(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	5,841,000				5,841,000
3						
4	Real Estate and Personal Property Taxes					
5	Oklahoma Ad Valorum, excluding Trans Serving Generation	529,535	529,535			
6	Arkansas Ad Valorum	16,253,096	16,253,096			
7	Louisiana Ad Valorum	27,828,628	27,828,628			
8	Texas Ad Valorum	25,433,111	25,433,111			
9	Ad Valorum for Transmission Serving Generation	=, ==,	-,,			-
40	D 11.7					
10	Payroll Taxes Fodoral Incurrence Contribution (FICA)	7.500.470		7 500 470		
11 12	Federal Insurance Contribution (FICA)	7,563,172		7,563,172		
13	Federal Unemployment Tax State Unemployment Insurance	40,954 44,906		40,954 44,906		
14	State Offernployment insurance	44,900		44,900		
15	Production Taxes					
16						-
17						
18						
19	Miscellaneous Taxes					
20	Federal Excise Tax	_				_
21	OK State License				_	
22	AR State License				-	
23	NE State License				-	
24	DE State License				-	
25	State Franchise Tax	5,600,000			5,600,000	
26	AR Local Franchise	-			-	
27	TX Local Franchise	9,202,569				9,202,569
28	LA Local Franchise	7,934,431				7,934,431
29	State Sales & Use Tax	12,000				12,000
30	TX PUC				-	
31	LA Insp & Cntrl Fees				-	
32	State License Registration				-	
33	Public Utility Commission fees	1,962,000			1,962,000	
34	Other Taxes for Transmission Serving Generation					-
35	Total Taxes by Allocable Basis	108,245,402	70,044,370	7,649,032	7,562,000	22,990,000
00	Total Taxes by Allocable Basis	100,270,402	70,077,070	7,043,032	7,002,000	22,330,000

(Total Company Amount Ties to FFI p.114, Ln 14,(c))

NOTE: As a check, the difference between the total from Ln 35 above and the total on FF1 p.263 line 41(i) should equal the sum of the 'income' tax line items within FF1 p262.x-263.x

Page: 59 of 59

AEP West SPP Member Operating Companies Actual / Projected 2019 Rate Year Cost of Service Formula Rate

Worksheet M

SOUTHWESTERN ELECTRIC POWER COMPANY

Calculation of Capital Structure and Weighted Average Cost of Capital Based on Average of Balances At 12/31/2018 and 12/31/2019

(A)	(B)	(C)	(D)	(E)
<u>Line</u>	oment of Average Balance of Common Equity	Balances @ 12/31/2019	Balances @ 12/31/2018	Average
<u>Develoj</u>	oment of Average Balance of Common Equity			
1	Total Proprietary Capital (p. 112.16.c&d)	2,411,193,636	2,313,077,121	2,362,135,378
2	Less Preferred Stock from Ln 43 below	-	-	-
3	Less Account 216.1 (p. 112.12.c&d)	31,744,488	31,744,488	31,744,488
4	Less Account 219.1 (p. 112.15.c&d)	(305,149)	(1,974,641)	(1,139,895)
5	Average Balance of Common Equity	2,379,754,297	2,283,307,274	2,331,530,785
<u>Develo</u>	oment of Cost of Long Term Debt Based on Ave	erage Outstanding Ba	<u>lance</u>	
6	Account 221 Bonds (112.18.c&d)	_		_
7	Less: Account 222 Reacquired Bonds (112.19.c&d)	_	_	_
8	Account 223 LT Advances from Assoc. Comp. (112.20.c&	_	_	_
9	Account 224 Senior Unsecured Notes (112.21.c&d)	2,710,125,000	2,616,875,000	2,663,500,000
10	Less: Non-Transmission Securitization (Co. Records)	•	- ·	-
11	Total Long-Term Debt	2,710,125,000	2,616,875,000	2,663,500,000
12	Annual Interest Expense			
13	Interest on Long Term Debt - Accts 221 - 224 (256-257.33.i)		120,162,079
14	Less: Financial Hedge Gain/Expense from Ln 28 Included in	n Ln 13		2,212,653
15	Plus: Allowed Hedge Recovery from Ln 32 below			2,212,653
16	Amort of Debt Discount & Expense - Acct 428 (117.63.c)			1,774,382
17	Amort of Loss on Reacquired Debt - Acct 428.1 (117.64.c)			206,544
18	Less: Amort of Premium on Debt - Acct 429 (117.65.c)			-
19	Less: Amort of Gain on Reacquired Debt - Acct 429.1 (117.	66.c)		-
20	Less: Non-Trans. Securitization (Company Records)			-
21	Total Interest Expense (Ln 13 + Ln 14 + Ln 15 + Ln 16 +	Ln 17 - Ln 18 - Ln 19 - Ln	20)	122,143,004
22	Average Cost of Debt (Ln 21/Ln 11)			4.59%
23	Financial Hedge Amortization Reported in Column (i) on Pa	ge 256-257 (Enter Gains a	s a Negative Numbe	er)
24	SUN Series I 3.55% Financial Hedge (p 257.1/Ln 29)	go 200 201 (2.110)	a rioganio rianno	2,212,653
25	SUN Series 5.55% Financial Hedge (p 257/Ln 25)			_,_ :_, =
26	3 (1)			
27				
28	Total Hedge Amortization		_	2,212,653
29	Total Average Capital Balance (TCOS, Ln 142)			4,995,030,785
30	Financial Hedge Recovery Limit - Five Basis Points of Tota	l Capital		0.0005
31	Limit of Recoverable Amount	•		2,497,515
32	Recoverable Hedge Amortization (Lesser of Ln 28 or 31))		2,212,653
	(lesser of 5 basis point Cap or Actual (Gain)/Expense based	d on magnitude as indicated	d on Ln 28 or Ln 3 <u>1)</u>	
Dovolo	nmant of Cost of Proformed Stock			

Development of Cost of Preferred Stock

	Preferred Stock			<u>Average</u>
33	% Series Dividend Rate (p. 250-251a)			
34	% Series Par Value (p. 250-251c)			
35	% Series Shares O/S (p.250-251e)			
36	% Series Monetary Value (Ln 34 * Ln 35)	-	-	-
37	% Series Dividend Amount (Ln 33 * Ln 36)	-	-	-
38	% Series Dividend Rate (p. 250-251a)			
39	% Series Par Value (p. 250-251c)			
40	% Series Shares O/S (p.250-251e)			
41	% Series Monetary Value (Ln 39 * Ln 40)	-	-	-
42	% Series Dividend Amount (Ln 38 * Ln 41)	-	-	-
43	Balance of Preferred Stock (Lns 36, 41)	-	-	-
44	Dividends on Preferred Stock (Lns 37, 42)	-	-	-
45	Average Cost of Preferred Stock (Ln 44/43)	0.00%	0.00%	0.00%