

Southwestern Public Service Company
Variance Analysis 2016 Actual versus 2016 Projected Amounts

VARIANCE ANALYSIS

Line No.		2016 Actual Allocated Amount	2016 Projected Allocated Amount	Change
1	CURRENT YEAR REVENUE REQUIREMENT (formula lines 181 and 45)	\$ 120,386,675	\$ 149,977,816	\$ (29,591,140)
2	PRIOR YEAR TRUE UP ADJUSTMENT	0	(18,449,307)	18,449,307
3	INTEREST ON PRIOR YEAR TRUE UP ADJUSTMENT	0	(1,195,512)	1,195,512
4	PRIOR PERIOD CORRECTION TRUE UP ADJUSTMENT	0	0	0
5	INTEREST ON PRIOR PERIOD CORRECTION TRUE UP ADJUSTMENT	0	0	0
6	CURRENT YEAR REVENUE REQUIREMENT WITH TRUE UP	\$ 120,386,675	\$ 130,332,997	\$ (9,946,321)
7	DIVISOR			
8	Transmission Network Load (Ws C - Divisor)	4,469,000	4,808,000	(339,000)
9	RATES			
10	Annual Cost (\$/kW/Yr)	\$26.938	\$27.108	-\$0.169
11	Network & P-to-P Rate (\$/kW/Mo)	\$2.245	\$2.259	-\$0.014
12	Weekly Point to Point On and Off Peak	\$0.518	\$0.521	-\$0.003
13	Daily Point to Point On Peak	\$0.086	\$0.087	-\$0.001
14	Daily Point to Point Off Peak	\$0.074	\$0.074	\$0.000
15	Hourly Point to Point On Peak	\$5.375	\$5.438	-\$0.063
16	Hourly Point to Point Off Peak	\$3.083	\$3.083	\$0.000
17	METER CHARGE			
18	Current Year Revenue Requirement	\$274,786	\$274,786	\$0
19	Number of Delivery Points	216	216	0
20	Annual Meter Charge (\$ per delivery point)	\$1,272	\$1,272	\$0
21	Monthly Meter Charge (\$ per delivery point)	\$106	\$106	\$0
22	REVENUE REQUIREMENT (w/o incentives) from formula lines 164 and 28	\$ 272,922,448	\$ 282,576,488	\$ (9,654,040)
23	REVENUE CREDITS			
24	Account No. 454 (formula lines 166 and 30)	10,221	9,061	1,160
25	Account No. 456 (formula lines 167 and 31)	8,802,485	16,066,417	(7,263,932)
25.1	Account No. 421.1 (formula lines 167 and 31.1)	0	0	0
26	Total Revenue Credits	\$ 8,812,706	\$ 16,075,479	\$ (7,262,772)
27	NET REVENUE REQUIREMENT (w/o incentives)	\$ 264,109,742	\$ 266,501,009	\$ (2,391,268)
28	NET PLANT CARRYING CHARGE (w/o incentives)			
29	Annual Rate	13.72%	13.60%	0.12%
30	Monthly Rate	1.14%	1.13%	0.01%
31	GROSS PLANT CARRYING CHARGE (w/o incentives)			
32	Annual Rate	11.80%	11.71%	0.09%
33	NET PLANT CARRYING CHARGE, W/O DEPRECIATION (w/o incentives)			
34	Annual Rate	11.46%	11.34%	0.12%
35	NET PLANT CARRYING CHARGE, W/O DEPRECIATION, INCOME TAXES AND RETURN			
36	Annual Rate	2.14%	1.78%	0.36%
37	ADDITIONAL REVENUE REQUIREMENT (w/incentives)	\$ -	\$ -	\$ -
38	LESS SPP Base Plan Upgrade Revenue Requirement (formula lines 180 and 44)	\$ 143,723,066	\$ 134,110,705	\$ 9,612,361
39	CURRENT YEAR REVENUE REQUIREMENT (ln 27 + ln 37 - ln 38)	\$ 120,386,675	\$ 132,390,304	\$ (12,003,629)
40	CURRENT YEAR RADIAL LINE REVENUE REQUIREMENT DIRECTLY BILLED	\$ 883,952	\$ 683,643	\$ 200,309
41	CURRENT YEAR METER CHARGE REVENUE REQUIREMENT DIRECTLY BILLED	\$ 274,786	\$ 263,846	\$ 10,940

Line No.	RATE BASE:	2016 Actual Allocated Amount	2016 Rev. Projected Allocated Amount	Change
42	GROSS PLANT IN SERVICE			
43	Production	0	0	0
44	Transmission (formula lines 184 and 48)	2,237,730,716	2,275,125,696	(37,394,980)
45	Distribution	0	0	0
46	General (formula lines 186 and 50)	48,709,786	49,480,730	(770,944)
47	Intangible (formula lines 187 and 51)	19,840,757	21,409,318	(1,568,561)
48	Common	0	0	0
49	TOTAL GROSS PLANT (sum Ins 43 to 48)	2,306,281,259	2,346,015,744	(39,734,485)
50	GROSS PLANT ALLOCATOR	0.378860	0.379960	(0.001100)
51	ACCUMULATED DEPRECIATION & AMORTIZATION			
52	Production - Depreciation	0	0	0
53	Transmission - Depreciation (formula lines 191 and 55)	312,169,647	315,656,896	(3,487,249)
54	Distribution - Depreciation	0	0	0
55	General - Depreciation (formula lines 193 and 57)	22,023,578	21,491,696	531,882
56	Electric Intangible - Amortization (formula lines 194 and 58)	11,116,276	12,114,785	(998,509)
57	Common	0	0	0
58	Total Electric Accumulated Depr & Amort (sum Ins 52 to 57)	345,309,501	349,263,377	(3,953,876)
59	NET PLANT IN SERVICE			
60	Production	0	0	0
61	Transmission	1,925,561,069	1,959,468,800	(33,907,731)
62	Distribution	0	0	0
63	General	26,686,208	27,989,034	(1,302,826)
64	Intangible	8,724,481	9,294,533	(570,052)
65	Common	0	0	0
66	TOTAL NET PLANT (sum Ins 60 to 65)	1,960,971,758	1,996,752,367	(35,780,609)
67	NET PLANT ALLOCATOR	0.51272	0.51815	(0.00543)
68	ADJUSTMENTS TO RATE BASE			
69	Account No. 281 (enter negative)	0	0	0
70	Account No. 282 (enter negative) (formula lines 205 and 69)	(496,818,123)	(394,669,249)	(102,148,873)
71	Account No. 283 (enter negative) (formula lines 206 and 70)	(2,973,588)	(1,728,145)	(1,245,443)
72	Account No. 190 (formula lines 207 and 71)	112,953,048	47,900,361	65,052,687
73	Account No. 255 (enter negative)	0	0	0
74	Account No. 107	0	0	0
75	Net Pre-Funded AFUDC on CWIP included in Rate Base	0	0	0
76	Unamortized Balance of Abandoned Incentive Plant	0	0	0
77	Unamortized Balance of Extraordinary Property Loss	0	0	0
78	TOTAL ADJUSTMENTS (sum Ins 69 to 77)	(386,838,663)	(348,497,034)	(38,341,629)
79	LAND HELD FOR FUTURE USE (formula lines 214 and 78)	0	0	0
80	WORKING CAPITAL			
81	CWC	0	0	0
82	Materials & Supplies (formula lines 217 and 81)	69,004	87,562	(18,558)
83	Materials & Supplies (formula lines 218 and 82)	(49,738)	(112,885)	63,147
84	Prepayments (formula lines 219-222 and 83-86)	1,186,001	1,390,030	(204,029)
85	TOTAL WORKING CAPITAL (sum Ins 81 to 84)	1,205,267	1,364,707	(159,440)
86	BALANCE OF NETWORK CREDITS	0	0	0
87	RATE BASE (sum Ins 66, 78, 79, 85, 86)	1,575,338,362	1,649,620,040	(74,281,678)

Line No.		<u>2016</u> Actual Allocated Amount	<u>2016</u> Rev. Projected Allocated Amount	<u>Change</u>
88	OPERATIONS & MAINTENANCE EXPENSE			
89	Transmission (formula lines 233 and 97)	16,738,253	17,377,119	(638,866)
90	A&G (formula lines 239 and 103)			
91	Administrative and General	12,293,683	11,608,982	684,701
92	Plus Acct 924 Property Insurance (formula lines 240 and 104)	789,687	1,240,561	(450,874)
93	Plus Acct 928 Transmission Specific (formula lines 241 and 105)	31,160	0	31,160
94	Plus Acct 928 Transmission Allocated (formula lines 242 and 106)	0	0	0
95	Plus Acct 930.2 Transmission Allocated (formula lines 244 and 108)	0	0	0
96	Plus Transmission Safety and Siting Advertising (formula lines 245 and 109)	68,519	84,655	(16,136)
97	Less PBOP Expense in Account 926 Adjustment	0	0	0
98	A & G Subtotal	13,183,049	12,934,198	248,851
99	Transmission Lease Payments	0	0	0
100	TOTAL O&M EXPENSE (sum Ins 89, 98, 91, 99)	29,921,302	30,311,317	(390,015)
101	DEPRECIATION & AMORTIZATION EXPENSE			
102	Transmission (formula lines 250 and 114)	43,501,429	44,260,512	(759,083)
103	Plus Pre-Funded AFUDC Amortization	0	0	0
104	Plus Recovery of Abandoned Incentive Plant	0	0	0
105	Plus Recovery of Extraordinary Property Loss	0	0	0
106	General (formula lines 254 and 118)	2,196,187	2,731,251	(535,064)
107	Electric Intangible Amortization (formula lines 255 and 119)	2,237,158	2,422,275	(185,117)
108	Administrative and General	0	0	0
109	TOTAL DEPRECIATION AND AMORTIZATION (sum Ins 102 to 108)	47,934,774	49,414,038	(1,479,264)
110	TAXES OTHER THAN INCOME TAXES			
111	LABOR RELATED			
112	Payroll (formula lines 259 and 123)	1,190,129	1,108,963	81,166
113	PLANT RELATED			
114	Property (formula lines 261 and 125)	14,425,820	14,362,488	63,332
115	Franchise	0	0	0
116	Other - Texas Use (formula lines 263 and 127)	0	0	0
117	TOTAL OTHER TAXES (sum Ins 112 to 116)	15,615,949	15,471,451	144,498
118	INCOME TAXES			
119	$T=1 - \frac{((1 - SIT) * (1 - FIT))}{(1 - SIT * FIT * p)}$ =	35.98%	35.92%	0.06%
120	$CIT=(T/1-T) * (1-(WCLTD/R))$ =	38.88%	38.39%	0.49%
121	where WCLTD=(page 4, line 167) and R= (page 4, line 170)			
122	and FIT, SIT & p are as given in Note M.			
123	$1 / (1 - T)$ = (from line 123)	1.5620	1.5605	0.0015
124	Amortized Investment Tax Credit (266.8f) (enter negative)	(212,787)	(340,664)	127,877
125	Income Tax Calculation (formula lines 272 and 136)	50,285,557	52,056,367	(1,770,810)
126	ITC adjustment (formula lines 273 and 137)	(170,414)	(275,452)	105,038
127	TOTAL INCOME TAXES (sum Ins 125 to 126)	50,115,143	51,780,915	(1,665,772)
128	RETURN (Rate Base * Rate of Return) formula lines 275 and 139	129,335,280	135,598,767	(6,263,487)
129	INTEREST ON NETWORK CREDITS	0	0	0
130	REVENUE REQUIREMENT (sum Ins 100, 109, 117, 127, 128)	272,922,448	282,576,488	(9,654,040)

Line No.		2015		Change
		Actual Allocated Amount	Rev. Projected Allocated Amount	
131	TRANSMISSION PLANT INCLUDED IN OATT TRANSMISSION RATE			
132	Total transmission plant (formula lines 279 and 143)	2,354,192,625	2,377,724,509	(23,531,884)
133	Less Generator Step-up facilities (formula lines 280 and 144)	30,733,105	31,163,431	(430,326)
134	Less Radial Line facilities (formula lines 281 and 145)	85,736,907	71,438,892	14,298,015
135	Plus Radial Line facilities true-up (formula line 281.a)	0	0	0
136	Transmission Plant Included in OATT Trans Rate (In 132 - 133 - 134)	2,237,722,613	2,275,122,186	(37,399,573)
137	Percentage of transmission plant included in ISO Rates (line 136 / 132)	TP= 0.95053	0.95685	(0.00632)
138	WAGES & SALARY ALLOCATOR (W&S)			FF1 Amount Change
139	Production (formula lines 285 and 149)	FF1 Amount 49,352,265	FF1 Amount 50,125,712	(773,447)
140	Transmission (formula lines 286 and 150)	13,092,124	13,402,235	(310,112)
141	Regional Market (formula lines 287 and 151)	323,907	760,320	(436,413)
142	Distribution (formula lines 288 and 152)	17,499,535	21,800,039	(4,300,504)
143	Other (formula lines 289 and 153)	9,867,420	8,528,538	1,338,882
144	Total (sum lines 139 to 143)	90,135,251	94,616,844	(4,481,593)
145	Transmission Wages & Salary Allocated Amount Based on TP Allocator (formula Ins 290 & 154)	12,444,456	12,823,929	(379,473)
146	Transmission Wages & Salary Allocator	0.13806	0.13554	= W/S 0.00252
147	COMMON PLANT ALLOCATOR (CE)			
148	Electric Related Amount			
149	W/S Allocator	0.13806	0.13554	
150	Transmission Related Amount	0.00000	0.00000	= C/E 0.00000
151	RETURN (R)			
152	Long Term Interest (formula lines 293 and 157)	86,907,481	89,909,163	(3,001,682)
153	Preferred Dividends		0	0
154	Long Term Debt (formula lines 296 and 160)	1,580,769,231	1,611,538,462	(30,769,231)
155	Long Term Debt Capitalization Percentage	45.93%	46.38%	-0.45%
156	Preferred Stock (formula lines 297 and 161)	0	0	0
157	Preferred Stock Capitalization Percentage	0.00%	0.00%	0.00%
158	Common Stock (formula lines 298 and 162)	1,860,698,244	1,862,948,244	(2,250,000)
159	Common Stock Capitalization Percentage	54.07%	53.62%	0.45%
160	Total	3,441,467,475	3,474,486,706	(33,019,231)
161	Proprietary Capital (WsK Capital Structure)	1,859,514,139	1,862,090,244	(2,576,105)
162	Less Preferred Stock	0	0	0
163	Less Account 216.1	0	0	0
164	Less Account 219 (WsK Capital Structure)	1,184,105	858,000	326,105
165	Common Stock:	1,858,330,034	1,861,232,244	(2,902,210)
		%	%	
		Weighted	Weighted	
166	Long Term Debt (formula lines 296 and 160)	0.0253	0.0259	-0.0006
167	Preferred Stock	0.0000	0.0000	0.0000
168	Common Stock (formula lines 298 and 162)	0.0568	0.0563	0.0005
169	Total (sum lines 166 to 168)	0.0821	0.0822	-0.0001

Southwestern Public Service Company
Variance Analysis 2016 Actual versus 2015 Actual

VARIANCE ANALYSIS

Line No.	2016 Year End Amount	2015 Year End Amount	Increase or (Decrease) From 2014
1	GROSS PLANT IN SERVICE		
2	Transmission (206.58.b & 207.58.g)		
3	2,493,769,018	2,228,536,692	265,232,326
4	General (206.99.b & 207.99.g)		
5	377,811,779	343,681,523	34,130,256
6	Intangible (204.5.b & 205.5.g)		
7	167,596,906	139,573,181	28,023,725
8	TOTAL GROSS PLANT		
9	3,039,177,703	2,711,791,395	327,386,308
10	ACCUMULATED DEPRECIATION & AMORTIZATION		
11	Transmission - Depreciation (219.Footnote Data FERC Only Rates)		
12	316,589,487	294,150,280	22,439,207
13	General - Depreciation (219.Footnote Data FERC Only Rates)		
14	164,057,939	145,321,624	18,736,315
15	Electric Intangible - Amortization (200.21.c, Footnote Data)		
16	87,429,108	73,239,562	14,189,545
17	TOTAL ACCUMULATED DEPRECIATION & AMORTIZATION		
18	568,076,534	512,711,466	55,365,067
19	NET PLANT IN SERVICE		
20	Transmission		
21	2,177,179,531	1,934,386,412	242,793,119
22	General		
23	213,753,840	198,359,899	15,393,941
24	Intangible		
25	80,167,798	66,333,618	13,834,180
26	TOTAL NET PLANT IN SERVICE		
27	2,471,101,169	2,199,079,929	272,021,240
28	ADJUSTMENTS TO RATE BASE		
29	Account No. 281 (enter negative) (272.8.b & 273.8.k)		
30	(1,134,604)	(1,111,557)	(23,047)
31	Account No. 282 (enter negative) (274.5.b & 275.5.k)		
32	(1,115,911,807)	(1,020,965,428)	(94,946,379)
33	Account No. 283 (enter negative) (276.9.b & 277.9.k)		
34	(93,540,737)	(82,688,350)	(10,852,387)
35	Account No. 190 (234.8.b & .c)		
36	203,187,494	226,936,799	(23,749,305)
37	TOTAL ADJUSTMENTS TO RATE BASE		
38	(1,007,399,654)	(877,828,536)	(129,571,118)
39	LAND HELD FOR FUTURE USE (214.4.d)		
40	0	10,268,380	(10,268,380)
41	WORKING CAPITAL		
42	Materials & Supplies (Transmission - 227.8.b & .c)		
43	69,710	75,479	(5,769)
44	Materials & Supplies (Other - 227.11.b & .c)		
45	(101,180)	(161,386)	60,206
46	Prepayments (111.57.c & .d)		
47	18,153,317	10,813,926	7,339,391
48	TOTAL WORKING CAPITAL		
49	18,121,847	13,079,192	7,393,828
50	RATE BASE (sum lns 15, 21, 22, 27)		
51	1,481,823,362	1,049,169,681	139,575,570
52	OPERATIONS & MAINTENANCE EXPENSE		
53	Transmission - Operations		
54	(560) Operation Supervision and Engineering (321.83.c & .b)		
55	6,990,486	7,677,459	(686,973)
56	(561.1) Load Dispatch - Reliability (321.85.c & .b)		
57	0	84,357	(84,357)
58	(561.2) Load Dispatch - Monitor and Operate Transmission System (321.86.c & .b)		
59	4,188,252	3,339,397	848,855
60	(561.4) Scheduling, System Control and Dispatch Services (321.88.c & .b)		
61	3,180,152	4,140,566	(960,414)
62	(561.5) Reliability, Planning and Standards Development (321.89.c & .b)		
63	3,495	49,410	(45,915)
64	(561.6) Transmission Service Studies (321.90.c & .b)		
65	(6,459)	(5,905)	(554)
66	(561.7) Generation Interconnection Studies (321.91.c & .b)		
67	(3,320)	(50,610)	47,290
68	(561.8) Reliability, Planning and Standards Development Services (321.92.c & .b)		
69	2,648,521	2,854,918	(206,397)
70	(562) Station Expenses (321.93.c & .b)		
71	411,115	1,058,795	(647,680)
72	(563) Overhead Line Expenses (321.94.c & .b)		
73	598,518	1,412,655	(814,137)
74	(564) Underground Line Expenses (321.95.c & .b)		
75	0	0	0
76	(565) Transmission of Electricity by Others (321.96.c & .b)		
77	145,521,903	116,133,192	29,388,711
78	(566) Miscellaneous Transmission Expenses (321.97.c & .b)		
79	1,828,662	3,369,363	(1,540,701)
80	(567) Rents (321.98.c & .b)		
81	1,512,838	1,311,358	201,480
82	Total Transmission Operations		
83	166,874,163	141,374,954	25,499,209
84	Total Transmission Operations without Account 565		
85	21,352,260	25,241,761	(3,889,501)
86	Total Transmission Operations without Accounts 561 & 565		
87	11,341,619	14,829,629	(3,488,010)
88	Transmission - Maintenance		
89	(568) Maintenance Supervision and Engineering (321.101.c & .b)		
90	149,551	62,348	87,203
91	(570) Maintenance of Station Equipment (321.107.c & .b)		
92	4,894,831	2,266,958	2,627,873
93	(571) Maintenance of Overhead Lines (321.108.c & .b)		
94	1,388,671	1,783,266	(394,595)
95	(572) Maintenance of Underground Lines (321.109.c & .b)		
96	255	0	255
97	(573) Maintenance of Miscellaneous Transmission Plant (321.110.c & .b)		
98	0	181	(181)
99	Total Transmission Maintenance		
100	6,433,308	4,112,753	2,320,555
101	Transmission Total without Accounts 561 & 565		
102	17,774,927	18,942,382	(1,167,455)
103	A&G		
104	(920) Administrative and General Salaries (323.181.c & .b)		
105	27,729,355	27,676,300	53,055
106	(921) Office Supplies and Expenses (323.182.c & .b)		
107	17,658,066	16,913,582	744,484
108	(Less) (922) Administrative Expenses Transferred-Credit (323.183.c & .b)		
109	12,319,942	9,573,689	2,746,253
110	(923) Outside Services Employed (323.184.c & .b)		
111	9,299,745	8,208,543	1,091,202
112	(924) Property Insurance (323.185.c & .b)		
113	2,084,376	3,213,534	(1,129,158)
114	(925) Injuries and Damages (323.186.c & .b)		
115	2,785,187	3,937,047	(1,151,860)
116	(926) Employee Pensions and Benefits (323.187.c & .b)		
117	34,759,160	37,111,907	(2,352,747)
118	(928) Regulatory Commission Expenses (323.189.c & .b)		
119	6,211,784	8,584,289	(2,372,505)
120	(929) (Less) Duplicate Charges-Cr. (323.190.c & .b)		
121	1,015,634	1,195,076	(179,442)
122	(930.1) General Advertising Expenses (323.191.c & .b)		
123	1,139,782	1,201,036	(61,254)
124	(930.2) Miscellaneous General Expenses (323.192.c & .b)		
125	1,198,809	1,097,670	101,139
126	(931) Rents (323.193.c & .b)		
127	11,401,530	10,066,675	1,334,855
128	(935) Maintenance of General Plant (323.196.c & .b)		
129	829,130	649,940	179,190
130	2,080,653	2,637,030	(556,377)
131	TOTAL A & G		
132	99,680,695	105,254,729	(1,553,164)
133	DEPRECIATION & AMORTIZATION EXPENSE		
134	Transmission (337.Footnote Data.7.f)		
135	45,765,446	39,887,516	5,877,930
136	General and Intangible (337.Footnote Data.1. and 10.f)		
137	32,111,726	24,677,672	7,434,054
138	TOTAL DEPRECIATION & AMORTIZATION EXPENSE		
139	77,877,172	64,565,188	13,311,984

Line No.		***VARIANCE ANALYSIS***		
		2013 Year End Amount	2014 Year End Amount	Increase or (Decrease) From 2013
77	TAXES OTHER THAN INCOME TAXES			
78	LABOR RELATED			
79	Payroll (263)	8,620,373	8,293,397	326,976
80	PLANT RELATED			
81	Property (263)	38,076,916	33,831,792	4,245,124
82	Franchise (263)	14,348,523	15,469,429	(1,120,906)
83	Other - Texas Use (263)	24,436	(41,722)	66,158
84	TOTAL TAXES OTHER THAN INCOME TAXES	61,070,248	57,552,896	3,517,352
85	Total Other without Franchise Taxes	46,721,725	42,083,467	4,638,258
86	Less Generator Step-up facilities	30,733,105	30,965,301	(232,196)
87	Less Radial Line facilities	85,736,907	72,397,641	13,339,266
88	Total	116,470,012	103,362,942	13,107,070
89	WAGES & SALARY ALLOCATOR (W&S)			
		<u>FF1 Amount</u>	<u>FF1 Amount</u>	<u>FF1 Amount</u>
90	Production (354.20.b)	49,352,265	50,641,234	(1,288,970)
91	Transmission (354.21.b)	13,092,124	11,876,459	1,215,665
92	Regional Market (354.22.b)	323,907	291,177	32,730
93	Distribution (354.23.b)	17,499,535	21,621,432	(4,121,896)
94	Other (354.24.25.26.b)	9,867,420	8,324,438	1,542,982
95	TOTAL WAGES & SALARIES	90,135,251	92,754,740	(2,619,489)
96	Long Term Interest (117.62.63.64.d&.c less 257.27.i)	86,907,481	81,821,088	5,086,393
97	Common Stock:			
98	Proprietary Capital (112.16.d & .c)	1,931,695,817	1,807,949,376	123,746,441
99	Less Preferred Stock (112.3.d & .c)	0	0	0
100	Less Account 216.1 (112.12.d & .c)	0	0	0
101	Less Account 219 (112.15.d & .c)	(1,290,452)	(1,280,633)	(9,819)
102	Total Common Stock	1,932,986,269	1,809,230,008	123,756,261
	Long-Term Debt:			
103	Bonds (112.18.d & .c)	750,000,000	750,000,000	0
104	Other Long Term Debt (112.21.d & .c)	900,000,000	800,000,000	100,000,000
105	Total Long-Term Debt	1,650,000,000	1,550,000,000	100,000,000

Southwestern Public Service Company
Actual Transmission Plant Additions for 2016 > 50K

Line No.	Parent	Parent Description	Year	Total	UID	NTC	PID
1	12055606	Device-China Draw and Road Runner 115kV SVC	2016	\$30,066,542	51132	SPP-NTC-200371	167
2	12056610	Device-China Draw and Road Runner 115kV SVC	2016	\$27,265,316	50864	SPP-NTC-C-200324	133
3	11495206	Multi-Bowers-Howard 115kV Ckt 1	2016	\$22,255,766	50453	SPP-NTC-200166	71
4	11986343	Multi-Andrews 230/115 kV Transformer and Andrews-N	2016	\$11,695,433	50881	SPP-NTC-200282	143
5	11625326	Line-Curry-Bailey 115kV	2016	\$11,099,873	10597	SPP-NTC-200166	53
6	11625319	Line-Curry-Bailey 115kV	2016	\$9,940,719	10597	SPP-NTC-200166	53
7	11987232	XFR - Newhart 230/115 kV Ckt 2	2016	\$8,734,222	11010	SPP-NTC-200256	184
8	12016140	Multi-Livingston Ridge-Sage Brush-Lagarto-Cardinal	2016	\$7,507,537	50928	SPP-NTC-200309	150
9	11625322	Line-Curry-Bailey 115kV	2016	\$5,923,906	10597	SPP-NTC-200166	53
10	11874877	Line-Curry-Bailey 115kV	2016	\$5,355,638	10597	SPP-NTC-200166	53
11	11792776	Line-Atoka-Eagle Creek 115 kV Ckt 1	2016	\$4,940,757	50546	SPP-NTC-200214	90
12	12016230	Multi-Livingston Ridge-Sage Brush-Lagarto-Cardinal	2016	\$4,783,842	50951	SPP-NTC-200309	152
13	11791676	Nichols 115kV BFR - Nichols Sub	2016	\$4,318,609			
14	11614122	Mescalero Wind, Sub	2016	\$4,145,318			
15	11627866	XFR-Grassland 230/115 kV Transformer Ckt 1	2016	\$4,013,798	11317	SPP-NTC-200214	80
16	12038514	XFR-Potash Junction 230/115 kV Ckt 1	2016	\$3,923,562	50821	SPP-NTC-200282	216
17	11330276	SPS 2015 S&E B 230kV, Line	2016	\$3,769,026			
18	12076287	Line - Canyon East Sub - Canyon West Sub 115 kV Ck	2016	\$3,512,843	50636	SPP-NTC-200262	116
19	11811675	XFR-Deaf Smith County Interchange 230/115 kV Ckt 1	2016	\$3,428,156	50515	SPP-NTC-200193	87
20	11764436	Deaf Smith County 230/115 transformer upgrade ckt 1	2016	\$2,976,736	50516	SPP-NTC-200214	64
21	34000075	SPS 230kV ELR TX 2016	2016	\$2,942,687			
22	11987253	PCA Transformer Upgrade, Sub	2016	\$2,812,558			
23	11987137	XFR-Hitchland 230/115 kV Ckt 2 Transformer	2016	\$2,731,141	11508	SPP-NTC-200262	112
24	A.0000427.011	K83_Line Capacity Work	2016	\$2,635,435			
25	11652118	Line ELR SPS 2016	2016	\$2,616,432			
26	11859844	Multi-Bowers-Howard 115kV Ckt 1	2016	\$2,554,510	50453	SPP-NTC-200166	71
27	12016208	Multi-Livingston Ridge-Sage Brush-Lagarto-Cardinal	2016	\$2,430,161	50925	SPP-NTC-200309	148
28	12075911	SPS 2015 S&E TX B, 69kv, Line	2016	\$2,416,028			
29	11792789	Line-Atoka-Eagle Creek 115 kV Ckt 1	2016	\$2,279,554	50546	SPP-NTC-200214	90
30	11786577	T51 Rebuild-Reconduct. Transmission 115 kV	2016	\$2,197,793			
31	12016556	Nichols-Rpl 115kV Brkr&Switches,Sub	2016	\$2,157,875			
32	11495283	XFR-Happy County 115/69kV Transformers	2016	\$2,055,753	11007	SPP-NTC-20130	91
33	11805854	Line-Convert Sonly load to 115 kV	2016	\$1,551,998	11372	SPP-NTC-20130	82
34	12050796	Kiser Distribution Addition,Sub	2016	\$1,541,232			
35	11782613	Line-Carlisle-Wolfforth 230 kV	2016	\$1,467,355	11017	SPP-NTC-200229	93
36	12075916	SPS 2015 S&E NM B, 230kv, Line	2016	\$1,420,937			
37	12048832	Device-Eagle Creek 115 kV	2016	\$1,417,036	50378	SPP-NTC-200282	118
38	11230659	SPS Line Capacity, Line	2016	\$1,374,622			
39	11808120	Sub - Eddy County - Tolk 345kV Ckt 1	2016	\$1,313,734	50752		
40	12015707	Multi - Hobbs - Kiowa 345/230 kV Ckt 1	2016	\$1,309,383	50875	SPP-NTC-200309	190
41	12016134	Multi-Livingston Ridge-Sage Brush-Lagarto-Cardinal	2016	\$1,224,787	50926	SPP-NTC-200411	149
42	11913060	XFR-Happy County 115/69kV Transformers	2016	\$1,179,557	11009	SPP-NTC-20130	39
43	12174354	XFR-Northeast Hereford 115/69kV Transformer Ckt 2	2016	\$1,064,659	11100	SPP-NTC-20130	36
44	12174230	Caprock Solar bus Tie Sub	2016	\$1,055,849			
45	11909901	GSEC-2012-037 GSEC Elk Station,Sub	2016	\$1,037,459			
46	11219936	SPS Trans Switch Replacement	2016	\$955,433			
47	12015865	Multi - Kiowa - North Loving - China Draw 345/115	2016	\$939,821	50819	SPP-NTC-200309	126
48	12174425	Multi -TUCO -Woodward 345kV (SPS)	2016	\$901,772	11085	SPP-NTC-20043	34
49	11764459	XFR-Graham 115/69 kV Ckt 1	2016	\$851,106	11110	SPP-NTC-200214	73
50	11791664	TPL BFR V31 Hutchinson, Sub	2016	\$847,134			
51	34000020	SPS ELR 69kV TX 2016	2016	\$834,817			
52	12015808	Multi - Yeso Hills - China Draw - Wood Draw 115 k	2016	\$801,352	50869	SPP-NTC-200282	135
53	34000026	SPS S&E 69kV Line TX 2016	2016	\$789,995			
54	12076286	Line - Canyon East Sub - Canyon West Sub 115 kV Ck	2016	\$787,806	50636	SPP-NTC-200262	116
55	12172796	Facility Upgrade(Sub Ancillary Eq)2016	2016	\$781,434			
56	11628448	Multi-Potash Junction-Road Runner 230/115 kV Ckt 1	2016	\$766,130	50708	SPP-NTC-200309	108
57	11871164	Line-Curry-Bailey 115kV	2016	\$740,987	10597	SPP-NTC-200166	53
58	11987334	Multi-Hereford 115 kV Load Conversion	2016	\$735,902	50754	SPP-NTC-200395	214
59	12075912	SPS 2015 S&E TX B, 115kv, Line	2016	\$723,097			
60	11791668	TPL BFR V31 Riverview,Sub	2016	\$722,646			
61	11959524	Multi - Battle Axe - Road Runner 115 kV	2016	\$675,279	50873	SPP-NTC-200282	Formally Project 139
62	11494877	Wade Substation,Sub	2016	\$667,446			
63	34000323	Cole Rpl Breaker 08	2016	\$663,851			
64	11786586	T51 Rebuild- Reconduct, Grapevine Sub	2016	\$658,413			
65	11626200	Deaf Smith Reterm K11, Line	2016	\$639,172			
66	11899409	Line-Sonly Convert load to 115kV	2016	\$618,669	11372	SPP-NTC-20130	82
67	11352019	SPS 2015 S&E, Sub	2016	\$609,613			
68	11786765	Camex-Transpetco,Sub	2016	\$600,208			
69	11625330	Line-Curry-Bailey 115kV	2016	\$593,635	10597	SPP-NTC-200166	53
70	11789289	Lipscomb Cty Sub, High Side,Sub	2016	\$584,797			
71	34000330	Install 1 Wway Switch	2016	\$557,617			
72	A.0000427.007	W20_Line Capacity Work	2016	\$531,042			
73	11959531	Multi - Battle Axe - Road Runner 115 kV	2016	\$486,775	50968	SPP-NTC-200282	Formally Project 139
74	11871245	Line-Curry-Bailey 115kV	2016	\$480,021	10597	SPP-NTC-200166	53
75	12174651	Pecos West Bus/CCVT Upgrade	2016	\$478,277			
76	11987275	Spearmen # 1 Relay Upgrade, Sub	2016	\$477,408			
77	11801967	Multi-Zodiac-South Portales-Market-Portales 115 kV	2016	\$470,459	50565	SPP-NTC-200229	105
78	11869015	Line-Carlisle-Wolfforth 230 kV	2016	\$454,505	11017	SPP-NTC-200229	93
79	11792783	Line-Atoka-Eagle Creek 115 kV Ckt 1	2016	\$443,500	50546	SPP-NTC-200214	90
80	11792780	Line-Atoka-Eagle Creek 115 kV Ckt 1	2016	\$427,269	50546	SPP-NTC-200214	90
81	34000027	SPS S&E 115kV Line TX 2016	2016	\$424,836			
82	11628457	Multi-Potash Junction-Road Runner 230/115 kV Ckt 1	2016	\$424,372	50709	SPP-NTC-200309	108
83	11495943	Line-Convert Sonly load to 115kV	2016	\$416,845	11372	SPP-NTC-20130	82
84	12082040	Line - Mustang - Shell CO2 115 kV Ckt 1	2016	\$405,461	50637	SPP-NTC-200262	122
85	34004068	Line - Oxy Permian Sub - West Bender Sub 115 kV Ck	2016	\$379,580	50690	SPP-NTC-200410	188
86	12078516	Line-Sonly Convert load to 115kV	2016	\$378,496	11372	SPP-NTC-20130	82
87	11786500	Line-Chaves-Price-CV Pines-Capitan 115 kV Ckt 1	2016	\$374,683	50722	SPP-NTC-200256	110
88	11917574	Line-Atoka-Eagle Creek 115 kV Ckt 1	2016	\$352,135	50546	SPP-NTC-200214	90
89	11352085	Lidar Survey NM, Line	2016	\$341,383			
90	34000018	SPS ELR 69kV NM 2016	2016	\$339,793			
91	11987308	T07_Pringle 115kV Re-Term, Line	2016	\$338,017			
92	11805863	Line-Convert Sonly load to 115 kV	2016	\$337,702	11372	SPP-NTC-20130	82
93	11352113	Sunset Sub Transformer Addition	2016	\$328,261			
94	11987281	T06_Pringle 115kV Re-Term, Line	2016	\$326,919			
95	12016160	Multi-Livingston Ridge-Sage Brush-Lagarto-Cardinal	2016	\$317,957	50951	SPP-NTC-200309	152
96	12172764	Cole Cap Bank Volt Diff Upgrade	2016	\$314,124			
97	11987714	Line-Oxy Permian Sub-West Bender Sub 115 kV Ckt 1	2016	\$309,720	50690	SPP-NTC-200410	188
98	12016163	Multi-Livingston Ridge-Sage Brush-Lagarto-Cardinal	2016	\$294,887	50951	SPP-NTC-200309	152
99	12015853	Multi - Kiowa - North Loving - China Draw 345/115	2016	\$293,404	50820	SPP-NTC-200309	127
100	12173817	V14 Tuco Lubbock E Term Upgr	2016	\$282,258			

101	11781087	Line-Osage Station and Line Re-Termination	2016	\$276,936	11315		79
102	11830010	Line-Curry-Bailey 115kV	2016	\$276,781	10597	SPP-NTC-200166	53
103	34000013	SPS Major Line Refurb 115kV NM 2016	2016	\$276,046			
104	11917572	Line-Atoka-Eagle Creek 115 kV Ckt 1	2016	\$274,603	50546	SPP-NTC-200214	90
105	11495908	SPS 2016 S&E B 230kV, Line	2016	\$272,810			
106	11495880	Multi-Potter-Channing-Dallam 230 kV Conversion	2016	\$271,881	11512	SPP-NTC-200214	83
107	12016157	Multi-Livingston Ridge-Sage Brush-Lagarto-Cardinal	2016	\$268,465	50951	SPP-NTC-200309	152
108	11799967	Line-Bowers-Canadian 69kV Rebuild	2016	\$267,559	50503	SPP-NTC-200190	187
109	12076041	SPS 2015 NM S&E, Sub	2016	\$266,482			
110	11495918	SPS 2016 S&E, Sub	2016	\$261,095			
111	11830896	Line-Curry-Bailey 115kV	2016	\$250,978	10597	SPP-NTC-200166	53
112	11801901	Multi-Zodiac-South Portales-Market-Portales 115 kV	2016	\$239,550	50563	SPP-NTC-200229	103
113	34000326	Wipp Cap Bank Volt	2016	\$236,768			
114	11626067	Deaf Smith Reterm 115kV T04, Line	2016	\$235,699			
115	11999488	Line-Soncy Convert load to 115kV	2016	\$234,611	11372	SPP-NTC-20130	82
116	12174968	Multi-New hart Interchange 230/115kV	2016	\$228,483	11040	SPP-NTC-20084	30
117	12051225	Carlisle Interchange - Tuco Interchange 230 kV Ckt 1	2016	\$227,295	51112	SPP-NTC-200297	165
118	11917567	Line-Atoka-Eagle Creek 115 kV Ckt 1	2016	\$227,204	50546	SPP-NTC-200214	90
119	12173819	Lubbock E Term V14 Switches Sub	2016	\$225,741			
120	12016150	Multi-Livingston Ridge-Sage Brush-Lagarto-Cardinal	2016	\$217,864	50928	SPP-NTC-200309	150
121	11871214	Line-Curry-Bailey 115kV	2016	\$214,479	10597	SPP-NTC-200166	53
122	11495868	Multi-Potter-Channing-Dallam 230 kV Conversion	2016	\$214,473	11512	SPP-NTC-200214	83
123	11871238	Line-Curry-Bailey 115kV	2016	\$202,887	10597	SPP-NTC-200166	53
124	11494885	Ochitree Substation	2016	\$200,242			
125	11925759	Line-Hopi Sub-North Loving-China Draw 115 kV Ckt 1	2016	\$200,225	50883	SPP-NTC-200309	145
126	11871191	Line-Curry-Bailey 115kV	2016	\$199,649	10597	SPP-NTC-200166	53
127	34000023	SPS S&E 115kV Line OK 2016	2016	\$199,411			
128	11786812	Line-Ochiltree-Tri-County Cole 115 kV Ckt 1	2016	\$198,872	50517	SPP-NTC-200214	88
129	11971609	Multi - Battle Axe - Road Runner 115 kV	2016	\$196,696	50968	SPP-NTC-200282	Formally Project 139
130	11899013	Line-Hopi Sub-North Loving-China Draw 115 kV Ckt 1	2016	\$196,543	50883	SPP-NTC-200309	145
131	11495857	Multi-Potter-Channing-Dallam 230 kV Conversion	2016	\$196,169	11515	SPP-NTC-200214	100
132	12048652	Lipscomb Cty-Expand Yard for Xfmr,Sub	2016	\$190,641			
133	12173818	Tuco Term V14 Switches, Sub	2016	\$189,436			
134	12016114	Line-China Draw - Wood Draw 115 kV Ckt 1	2016	\$188,446	50931	SPP-NTC-200411	151
135	11495191	Multi-Bowers-Howard 115kV Ckt 1	2016	\$169,312	50453	SPP-NTC-200166	71
136	34000566	Multi -TUCO -Woodward 345kV (SPS)	2016	\$164,181	11085	SPP-NTC-20043	34
137	11917578	Line-Atoka-Eagle Creek 115 kV Ckt 1	2016	\$155,351	50546	SPP-NTC-200214	90
138	12016040	Multi - Ponderosa - Ponderosa Tap 115 kV	2016	\$155,245	50879	SPP-NTC-200282	Formally Project 142
139	11825019	Multi-Bowers-Howard 115kV Ckt 1	2016	\$153,679	50453	SPP-NTC-200166	71
140	12174971	Multi-New hart Interchange 230/115kV	2016	\$143,190	11043	SPP-NTC-20084	57
141	11944483	230/115kV 250MVA Xfmr CES	2016	\$142,053			
142	34004162	Line - Ochoa - Ponderosa Tap 115 kV Ckt 1 Rebuild	2016	\$138,636	50954	SPP-NTC-200365	156
143	12067890	Line-Carlisle-Wolfforth 230 kV	2016	\$138,068	11017	SPP-NTC-200229	93
144	34000103	Hitchland 345kV CT-PT Upgrade	2016	\$137,170			
145	11626105	Deaf Smith Reterm K21, Line	2016	\$136,858			
146	11987111	Line-Bushland Interchange-Deaf Smith County Interc	2016	\$134,855	50513	SPP-NTC-200262	121
147	11987328	Pearl Sub Rebuild_High Side_Sub Portion	2016	\$133,936			
148	12080428	Remove Carrier/Repl CCVT at PCA,Sub	2016	\$131,171			
149	11495318	Hopi Conversion ROW	2016	\$129,650			
150	12174026	V52 Revision at Hillside Line	2016	\$129,557			
151	12080434	Remove Carrier/Repl CCVT at Potash,Sub	2016	\$123,341			
152	12173708	Artesia Replace APT	2016	\$121,188			
153	11352115	XFR-Swisher 230/115kV Transformer Ckt 1 Upgrade	2016	\$117,498	11318	SPP-NTC-200256	94
154	11987361	Multi - Centre St. - Hereford NE 115 kV Ckt 1 and Centre St. and Hereford 115 kV Load Conversion	2016	\$116,629	11127	SPP-NTC-200256	32
155	12174969	Multi-New hart Interchange 230/115kV	2016	\$115,580	11045	SPP-NTC-20084	59
156	12172959	SPS 2016 NM S&E, Sub	2016	\$114,384			
157	11495196	Multi-Bowers-Howard 115kV Ckt 1	2016	\$113,032	50453	SPP-NTC-200166	71
158	12016047	Multi - Ponderosa - Ponderosa Tap 115 kV	2016	\$112,916	50879	SPP-NTC-200282	Formally Project 142
159	11987101	Bushland Interchange-Deaf Smith Co Interchange 230	2016	\$112,072	50513	SPP-NTC-200262	121
160	11945473	Atoka-Eagle Creek 115 kV Ckt 1	2016	\$111,448			
161	11925753	Lubbock East.-Rep Switches6981&6982,Sub	2016	\$107,829			
162	11849149	Ochiltree-Lipscomb 115kV, Line	2016	\$106,191			
163	34000017	SPS Major Line Refurb 69kV TX 2016	2016	\$103,207			
164	11783510	Line - Hopi Sub - North Loving - China Draw 115 kV Ckt 1	2016	\$101,619	50870	SPP-NTC-200309	136
165	11352015	SPS 2014 S&E, Sub	2016	\$101,561			
166	12174456	Carlisle Interchange - Tuco Interchange 230 kV Ckt	2016	\$99,642	51112	SPP-NTC-200297	165
167	11987338	T-01 Tri County Tap 115kV, Line	2016	\$98,717			
168	11955750	Multi-Cedar Lake Interchange 115 kV	2016	\$95,511	50406	SPP-NTC-200166	50
169	11925140	SPS 2014 NM S&E B, Sub	2016	\$95,104			
170	11495879	Multi-Potter-Channing-Dallam 230 kV Conversion	2016	\$85,799	11512	SPP-NTC-200214	83
171	11628414	Multi-Potash Junction-Road Runner 230/115 kV Ckt 1	2016	\$82,022	50708	SPP-NTC-200309	108
172	11871202	Line-Curry-Bailey 115kV	2016	\$81,887	10597	SPP-NTC-200166	53
173	11495864	Multi-Potter-Channing-Dallam 230 kV Conversion	2016	\$80,994	11512	SPP-NTC-200214	83
174	34000032	SPS S&E 345kV Line KS 2016	2016	\$78,240			
175	34000019	SPS ELR 115kV NM 2016	2016	\$77,411			
176	11625275	Device-crosby 115kV Capacitor	2016	\$74,988	50401	SPP-NTC-200166	70
177	11969553	Channing - Potter County 230 kV Ckt 1	2016	\$73,680	11514	SPP-NTC-200214	84
178	11791953	Nichols 115kV BFR - Kingsmill Sub	2016	\$73,197			
179	34000268	Atoka-Eagle Creek 115 kV Ckt 1	2016	\$72,186	50546	SPP-NTC-200214	90
180	12006743	Multi - Andrews - NEF 230/115 kV Ckt 1	2016	\$70,554	50881	SPP-NTC-200282	143
181	11771406	Line-Bowers-Canadian 69kV Rebuild	2016	\$70,148	50503	SPP-NTC-200190	187
182	12067839	W39 Inst Switch for Enterprise Conn,Line	2016	\$68,661			
183	12078514	Line-Convert Soncy load to 115 kV	2016	\$68,452	11372	SPP-NTC-20130	82
184	12055536	Multi - Andrews - NEF 230/115 kV Ckt 1	2016	\$65,805	50882	SPP-NTC-200282	144
185	12075915	SPS 2015 S&E NM B, 115kV, Line	2016	\$63,966			
186	34004049	Multi-New hart Interchange 230/115kV	2016	\$61,093	11043	SPP-NTC-20084	57
187	11945485	Eddy Co. Relay, Sub	2016	\$59,529			
188	A.0001273.009	Murphy Upgrade V40 Terminal to Carlisle	2016	\$56,612			
189	12174916	Multi -TUCO -Woodward 345kV (SPS)	2016	\$53,378	11085	SPP-NTC-20043	34
190	11802054	Wheeler-Salt Creek, ROW	2016	\$52,999			
191	12174917	Multi-Hitchland-Woodward 345 kV (SPS)	2016	\$52,982	11241	SPP-NTC-20099	65
192	11987152	V83 Retermination_Line Portion	2016	\$52,794			

Southwestern Public Service Company
Actual General & Intangible Plant Additions for 2016 > 50K

Line No.	Parent	Parent Description	Year	Total	UID
1	A.0000245.003	GIST-II Computer SoftwareSPS	2016	\$9,425,152	
2	D.0001726.058	Work and Asset Phase 1 SW SPS	2016	\$6,213,054	
3	A.0002062.001	GIST-IV Computer Software SPS	2016	\$4,633,567	
4	D.0001828.004	Purch NS T&D Network Equip SPS	2016	\$2,984,127	
5	D.0001822.010	Purch Sub Frame Relay Equip SP	2016	\$2,614,261	

6	A.0006056.213	TX-DIST Fleet New Unit Purchases	2016	\$2,554,618			
7	D.0001813.026	Clovis SC Reno & Consolid - Ba	2016	\$2,427,168			
8	A.0000710.008	SPS Physical Security Comm	2016	\$2,230,895			
9	D.0001804.022	Purch Corp Network Core HW SP	2016	\$1,552,759			
10	A.0006056.224	Fleet New Unit El Trans TX	2016	\$1,532,686			
11	D.0001821.126	2016 Planned PC Refresh SPS	2016	\$1,499,632			
12	D.0001826.175	2015 IT INFS Network Comm SPS	2016	\$1,340,308			
13	A.0006056.010	TX-DIST Fleet New Unit Purchases	2016	\$1,144,010			
14	D.0001703.035	DEMS Ph3 SPS-10639	2016	\$1,068,132			
15	A.0005549.034	TX Frame Relay Replacement	2016	\$1,037,882			
16	D.0001839.635	VMware Private Cloud SW SPS -10647	2016	\$1,034,497			
17	A.0006059.063	SPS Sub Comm Tool Blanket	2016	\$922,876			
18	D.0001741.007	Data Quality Tool SW SPS	2016	\$865,795			
19	D.0001822.008	Purch Sub Frame Relay Equip NM	2016	\$833,668			
20	A.0000801.004	Emergency Restoration Eq SPS 2	2016	\$824,102			
21	D.0001736.013	General Ledger Ph 1 SW SP	2016	\$788,640			
22	D.0001738.005	GIS Upgrade 4.3 SW SPS	2016	\$780,467			
23	D.0001755.007	Identity & Access Mgmt Sailpoi	2016	\$727,114			
24	D.0001772.007	Digital Appliance SW SPS	2016	\$714,431			
25	D.0001744.027	ITSM Ph4 SW SPS	2016	\$699,611			
26	D.0001839.063	2015 IT INFS Network Refresh S	2016	\$673,509			
27	A.0005549.010	NM-Dist Sub Communication Equi	2016	\$668,788			
28	A.0000532.003	TPL BFR V31 Riverview Comm	2016	\$612,949			
29	D.0001839.202	Purch Network Reliability HW S	2016	\$546,576			
30	D.0001811.029	Amarillo NE SC Paving	2016	\$503,186			
31	A.0001329.010	SPS Heavy Const Simulator Furn	2016	\$457,474			
32	D.0001826.211	ITSA Pole Ph3 SW SPS	2016	\$456,311			
33	A.0000948.004	TX Frame Relay Comm	2016	\$445,718			
34	A.0001329.009	SPS Heavy Const Simul Network	2016	\$435,082			
35	A.0005555.002	NM - Frame Relay Replacement	2016	\$422,678			
36	D.0001759.007	Fleet Focus SW SPS	2016	\$406,664			
37	A.0006056.019	NM-DIST Fleet New Unit Purchase El	2016	\$401,769			
38	D.0001743.007	Upgrade IEE 5.3 to IEE 8.1 SW	2016	\$397,568			
39	A.0006059.436	SPS Ops Engineering Tools	2016	\$395,914			
40	A.0000646.012	Ochiltree Communication	2016	\$375,439			
41	D.0001748.007	Corp Email SW SPS	2016	\$370,301			
42	A.0000424.074	Sage Brush 115kV Sub Comms_UID	2016	\$370,013	50925	SPP-NTC-200309	148
43	A.0000215.019	Pleasant Hill RTU Comm	2016	\$362,558	11052	SPP-NTC-20084	60
44	A.0006056.214	NM-DIST Fleet New Unit Purchase El	2016	\$348,123			
45	D.0001839.357	Purch Windows 2003 Server HW S	2016	\$346,029			
46	A.0000302.011	XIT Communications	2016	\$339,076	11515	SPP-NTC-200214	100
47	A.0006056.158	Fleet New Unit El Trans 2015 T	2016	\$338,341			
48	A.0006059.006	TX-Dist Electric Tools and Equip	2016	\$309,644			
49	D.0001758.007	SCCM Upgrade SW SPS	2016	\$296,639			
50	A.0000421.044	Step Newhart, Communication	2016	\$294,357	11043	SPP-NTC-20084	57
51	A.0005549.009	SPS-Dist Sub Communication Equ	2016	\$280,805			
52	A.0000556.004	Yoakum-Inst 115kV Fault RecCom	2016	\$276,138			
53	A.0000610.016	Curry Substation Communication	2016	\$262,456	10597	SPP-NTC-200166	53
54	D.0001781.008	SPS E Corp Sec Furn	2016	\$259,518			
55	A.0000533.008	Nichols 115kV Communications	2016	\$255,582			
56	A.0000948.003	NM Frame Relay Comm	2016	\$242,472			
57	D.0001822.001	Purch Corp Frame Relay HW SPS	2016	\$239,603			
58	D.0001821.185	2016 Unplanned PC Refresh SPS	2016	\$229,918			
59	D.0001781.009	SPS E Corp Sec Build	2016	\$222,965			
60	D.0001839.055	2016 IT INFS Network Refresh S	2016	\$217,049			
61	D.0001765.007	2015 Real Asset Property Mgmt	2016	\$214,806			
62	A.0006059.007	NM-Dist Electric Tools and Equip	2016	\$203,267			
63	A.0000773.003	Andrews Substation Communicati	2016	\$198,824	50881	SPP-NTC-200282	143
64	D.0001826.241	SAP BI Suite SW SPS	2016	\$196,502			
65	D.0001761.007	Database Security SW SPS	2016	\$195,218			
66	A.0000424.129	China Draw Sub Comm	2016	\$187,791	50864	SPP-NTC-C-200324	133
67	A.0000610.017	Bailey Substation Communicatio	2016	\$186,817	10597	SPP-NTC-200166	53
68	A.00005014.060	Amarillo Tower Furniture	2016	\$182,117			
69	A.0000661.001	Lynn County Communications	2016	\$180,331	11353	SPP-NTC-20130	46
70	D.0001826.170	Diagnostic Center Ph 3 SW SPS	2016	\$172,876			
71	D.0001794.005	CRS Tech Stack SW SPS	2016	\$170,700			
72	D.0001821.401	2015 IT INFS Refresh Communica	2016	\$158,767			
73	D.0001806.001	Mechanical	2016	\$150,616			
74	D.0001839.405	IE11 Browser Java SW SPS	2016	\$149,677			
75	D.0001767.007	Self Service and PAF SW SPS	2016	\$140,523			
76	D.0001825.028	Purch Mobile Device HW SPS	2016	\$134,712			
77	A.0000424.210	Quahada RTU & Comm Sub	2016	\$131,275			
78	D.0001813.024	Amarillo Tech Ctr New Training	2016	\$126,989	50693	SPP-NTC-200256	107
79	D.0001818.008	CIP Substation SW SPS	2016	\$125,383			
80	D.0001826.354	Purch Net Security Camera Clovis NM	2016	\$124,809			
81	D.0001754.007	Identity & Access Mgmt QAS SW	2016	\$121,207			
82	D.0001823.023	Canyon Land Purchase	2016	\$121,097			
83	A.00005014.053	Office Furn & Equipment	2016	\$111,208			
84	A.0000424.083	Potash Communications NM Comm	2016	\$108,165	50708	SPP-NTC-200309	108
85	D.0001839.375	Purch 2015 VOIP HW SPS	2016	\$105,274			
86	A.0000424.126	Road Runner Sub Comm	2016	\$98,123	51132	SPP-NTC-200371	167
87	A.0006056.227	GSMOC Purchase Vehicles	2016	\$97,271			
88	D.0001826.186	ITM Ph 3 Performance SW SPS	2016	\$95,538			
89	D.0001804.126	Purch Network Appl Camera Upgr SPS	2016	\$93,610			
90	D.0001774.007	Remittance Process SW SPS	2016	\$93,363			
91	A.0000361.010	Diamondback Sub Communications	2016	\$91,705	50407	SPP-NTC-200166	85
92	D.0001815.043	Renewable Energy SW SPS-10649	2016	\$90,677			
93	D.0001821.402	2015 IT INFS Network Refresh	2016	\$89,203			
94	D.0001826.133	2014 IT INFS Netw HW Elec Comm	2016	\$85,282			
95	D.0001826.019	2014 IT INFS Netw HW Elec Comm	2016	\$84,121			
96	A.0000424.018	Potash Junct 115/69 Xfmr UpgrC	2016	\$83,574	50560	SPP-NTC-200214	77
97	D.0001826.179	XE.Com Optimizations SW SPS	2016	\$80,770			
98	A.0003000.668	HAROC-Purch Plant Tools	2016	\$78,982			
99	A.0000556.005	Harrington - Rpl Fault Rec Com	2016	\$78,033			
100	D.0001821.323	2016 Planned MDT Refresh SPS	2016	\$73,955			
101	D.0001814.001	Electrical	2016	\$70,184			
102	D.0001839.413	NetBackup New Tradition SW SPS	2016	\$64,187			
103	A.0003000.691	GMS0C-TRaC Tools	2016	\$63,314			
104	A.0006059.044	TX-North Elec Tools & Equip	2016	\$61,496			
105	D.0001797.010	Purch Sub Frame Relay KS SPS	2016	\$61,427			
106	D.0001811.001	Roads and Gates	2016	\$60,762			
107	A.0006059.055	TX-Transportation Tools & Equi	2016	\$59,323			
108	D.0001839.031	2014 IT INFS Network Refresh S	2016	\$57,185			

Southwestern Public Service Company
FERC-Based Electric O&M Analysis
Calendar Year 2016 vs 2015

	YTD 2016	YTD 2015	Change	Ref
Transmission Expenses				
560	6,990,486	7,677,459	(686,973)	1
561	-	-	-	
561.1	-	84,357	(84,357)	
561.2	4,188,252	3,339,397	848,855	2
561.3	-	-	-	
561.4	3,180,152	4,140,566	(960,414)	3
561.5	3,495	49,410	(45,915)	
561.6	(6,459)	(5,905)	(554)	
561.7	(3,320)	(50,610)	47,290	
561.8	2,648,521	2,854,918	(206,397)	
562	411,115	1,058,795	(647,680)	4
563	598,518	1,412,655	(814,137)	5
564	-	-	-	
565	145,521,903	116,133,192	29,388,711	
566	1,828,662	3,475,363	(1,646,701)	6
567	1,512,838	1,311,358	201,480	
568	149,551	62,348	87,203	
569	-	-	-	
570	4,894,831	2,266,958	2,627,873	7
571	1,388,671	1,783,266	(394,595)	8
572	255	-	255	
573	-	181	(181)	
	Total Transmission Expenses	145,593,711	126,490,017	19,103,694

Variance Explanations:

- 1 FERC 560 decreased by \$687K in 2016. In 2015, the following one-time events increased Operating expenses in 560: \$100K for temporary engineering consultants while employees received training on the new DEMS software, \$145K for increased labor and contractor services to cover for a leave of absence and advanced hiring of pending retirements. In addition, the timing of regional planning studies was significantly increased in Q4 of 2015, following the DPP process, and an increased focus on capital projects in 2016.
- 2 FERC 561.2 increased by \$849K in 2016. The increased expense is a result of shift in cost from FERC 561.4, as SPS no longer provides dispatch services.
- 3 FERC 561.4 decreased by \$960K in 2016. Reduced costs in 2016 due to shift to FERC 561.2, in addition to being fully staffed, thus not needing overtime to account for Operator vacancy/ training period.
- 4 FERC 562 decreased by \$648K in 2016. This variance is the offset of work performed related to maintenance, FERC 570, that has been more accurately categorized as maintenance in 2016.
- 5 FERC 563 decreased by \$814K in 2016 due to capital project activity and management initiatives. Line crews are doing required compliance and emergent work, but performing increased capital work.
- 6 FERC 565 increased by \$29.4M in 2016 due to an increase in Base Plan Funded Transmission projects.
- 7 FERC 566 decreased by \$1.6M in 2016. the the decrease was because in 2015, five cancelled capital projects resulted in a one-time write-off of \$1M. Strategic initiative in 2016 reduced small tool replenishment.
- 8 FERC 570 increased by \$2.6M in 2016. The reduction of non-bulk electric system (BES) work impacted the timing of compliance activities performed on Transmission equipment, causing a reduction in FERC 592. Additionally, the implementation of SAP GL and O&M activity tracking has shifted the Substation's practice to use less blanket orders that were going to FERC 566 and to use FERC 570, as this is better aligned with the work performed. Similarly, work previously categorized as Operations, FERC 562, was shifted to FERC 570 (\$565K).
- 9 FERC 571 decreased by \$395K in 2016. In 2015, a one-time event of increased consulting expense of \$183K was incurred while employees received training on the new DEMS software. In 2016, management initiatives drove reduced ground patrol frequency and all contract patrolmen were released (\$250K).

Southwestern Public Service Company
FERC-Based A&G Analysis
Calendar Year 2016 vs 2015

	YTD 2016	YTD 2015	Change	Ref
A&G Expenses				
920	27,729,355	27,676,300	53,055	
921	17,658,066	16,913,582	744,484	1
922	12,319,942	9,573,689	2,746,253	2
923	9,299,745	8,208,543	1,091,202	3
924	2,084,376	3,213,534	(1,129,158)	4
925	2,785,187	3,937,047	(1,151,860)	5
926	34,759,160	37,111,923	(2,352,763)	6
927	-	-	-	
928	6,211,784	8,584,289	(2,372,505)	7
929	1,015,634	1,195,076	(179,442)	
930.1	1,139,782	1,201,036	(61,254)	
930.2	1,198,809	1,097,670	101,139	
931	11,401,530	10,066,675	1,334,855	8
932	-	-	-	
935	829,130	649,940	179,190	
Total A&G	107,891,773	129,429,304	(21,537,531)	

Variance Explanations:

- FERC 921 increased by \$744K in 2016 primarily due to employee expenses accrued in 2015 being lower than in 2016.
- 1 Due to the SAP implementation in 2016, employees were encouraged to submit expense reports more timely at the end of 2015. This resulted in fewer outstanding expense report that had to be accrued in 2015.
 - 2 FERC 922 increased \$2.7M primarily due to increased Network Equipment for \$2.1M and \$0.6M for facilities.
 - 3 FERC 923 increased by \$1M in 2016 primarily due to incremental PTT support and \$0.5M due to legal matters.
 - 4 FERC 924 decreased by \$1.1M in 2016. Decrease was due to reductions to Property Insurance (\$1.1M) and Auto Liability Insurance (\$50K), including 2016 distributions from the captive insurance.
 - 5 FERC 925 decreased by \$1.2M due to 2016 insurance reductions including distributions from the captive and reduced insurance premiums due to excess in the captive for non-nuclear liability, Directors and Officers, Fiduciary and Other lines of insurance, (481K); increases to Cyber Insurance, \$60K. Part of the reduction was due to a \$700K decrease in benefits mainly due to receiving a workers compensation captive distribution, offset by higher workers compensation insurance premiums.
 - 6 FERC 926 decreased by \$2.4M in 2016 due to lower pension expense.
 - 7 FERC 928 decreased \$2.4M primarily due to decreased rate case amortization expenses (\$2.5M) and regulatory fee reductions (\$103K).
 - 8 FERC 931 increased \$1.3M primarily in shared asset expense for network equipment and facility costs for 401 Nicollet (new headquarters building in Minneapolis).