

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 362 STATION EQUIPMENT**

Placement Band 1923 to 2019
Observation Band 1923 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
93.5	3,196	0	0.00000	1.00000	17.16
94.5	3,193	0	0.00000	1.00000	17.16
95.5	1,901	0	0.00000	1.00000	17.16
96.5	0	0	0.00000	0.00000	17.16

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 364 POLES, TOWERS AND FIXTURES**

Placement Band 1926 to 2019
Observation Band 1926 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
0	551,113,934	521,857	0.00095	0.99905	100.00
0.5	526,195,973	2,083,773	0.00396	0.99604	99.91
1.5	499,114,209	2,409,487	0.00483	0.99517	99.51
2.5	476,471,334	2,548,951	0.00535	0.99465	99.03
3.5	457,409,932	2,901,083	0.00634	0.99366	98.50
4.5	442,818,978	2,446,559	0.00552	0.99448	97.87
5.5	427,893,615	2,370,839	0.00554	0.99446	97.33
6.5	414,275,346	2,522,111	0.00609	0.99391	96.80
7.5	396,823,733	2,805,880	0.00707	0.99293	96.21
8.5	384,093,191	2,633,632	0.00686	0.99314	95.53
9.5	343,108,102	2,466,568	0.00719	0.99281	94.87
10.5	330,419,962	2,460,429	0.00745	0.99255	94.19
11.5	311,957,636	2,209,456	0.00708	0.99292	93.49
12.5	290,507,783	2,273,485	0.00783	0.99217	92.83
13.5	272,818,513	2,553,237	0.00936	0.99064	92.10
14.5	258,731,543	2,391,611	0.00924	0.99076	91.24
15.5	246,180,892	2,496,277	0.01014	0.98986	90.39
16.5	231,240,172	2,462,785	0.01065	0.98935	89.48
17.5	221,842,674	2,510,145	0.01131	0.98869	88.52
18.5	208,771,819	2,511,403	0.01203	0.98797	87.52
19.5	195,118,529	2,132,563	0.01093	0.98907	86.47
20.5	183,836,411	2,302,687	0.01253	0.98747	85.52
21.5	171,430,004	1,814,997	0.01059	0.98941	84.45
22.5	159,165,561	1,643,545	0.01033	0.98967	83.56
23.5	145,909,401	1,582,670	0.01085	0.98915	82.70
24.5	132,356,044	1,415,434	0.01069	0.98931	81.80
25.5	124,203,487	1,305,650	0.01051	0.98949	80.92
26.5	108,013,638	1,118,106	0.01035	0.98965	80.07
27.5	101,615,260	1,136,366	0.01118	0.98882	79.24
28.5	95,061,177	987,701	0.01039	0.98961	78.36
29.5	87,813,928	870,466	0.00991	0.99009	77.54
30.5	82,019,459	1,200,053	0.01463	0.98537	76.78
31.5	76,014,939	2,098,873	0.02761	0.97239	75.65
32.5	69,545,564	1,785,377	0.02567	0.97433	73.56
33.5	63,254,530	1,093,877	0.01729	0.98271	71.68
34.5	58,314,183	1,225,437	0.02101	0.97899	70.44
35.5	52,719,048	1,550,747	0.02942	0.97058	68.96
36.5	46,486,563	807,168	0.01736	0.98264	66.93
37.5	41,687,007	574,498	0.01378	0.98622	65.77
38.5	37,685,866	532,597	0.01413	0.98587	64.86
39.5	34,423,929	479,455	0.01393	0.98607	63.94
40.5	31,073,689	464,070	0.01493	0.98507	63.05
41.5	28,555,448	403,410	0.01413	0.98587	62.11
42.5	26,635,766	369,569	0.01387	0.98613	61.23
43.5	24,853,498	372,768	0.01500	0.98500	60.39
44.5	22,318,296	369,008	0.01653	0.98347	59.48
45.5	20,949,145	368,484	0.01759	0.98241	58.50

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 364 POLES, TOWERS AND FIXTURES**

Placement Band 1926 to 2019
Observation Band 1926 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
46.5	19,825,302	283,803	0.01432	0.98568	57.47
47.5	18,417,135	254,008	0.01379	0.98621	56.64
48.5	17,287,951	235,741	0.01364	0.98636	55.86
49.5	15,992,441	257,740	0.01612	0.98388	55.10
50.5	14,550,759	229,810	0.01579	0.98421	54.21
51.5	13,383,939	201,524	0.01506	0.98494	53.36
52.5	12,093,060	161,569	0.01336	0.98664	52.55
53.5	10,998,619	159,853	0.01453	0.98547	51.85
54.5	10,012,220	137,050	0.01369	0.98631	51.10
55.5	9,023,365	138,284	0.01533	0.98467	50.40
56.5	8,215,733	121,025	0.01473	0.98527	49.63
57.5	7,257,789	107,115	0.01476	0.98524	48.89
58.5	6,490,535	96,788	0.01491	0.98509	48.17
59.5	5,943,228	92,708	0.01560	0.98440	47.45
60.5	5,301,627	93,047	0.01755	0.98245	46.71
61.5	4,825,307	95,267	0.01974	0.98026	45.89
62.5	4,332,115	75,103	0.01734	0.98266	44.99
63.5	3,840,270	73,589	0.01916	0.98084	44.21
64.5	3,151,697	57,880	0.01836	0.98164	43.36
65.5	2,716,784	77,966	0.02870	0.97130	42.57
66.5	2,044,627	33,510	0.01639	0.98361	41.34
67.5	1,756,943	72,536	0.04129	0.95871	40.67
68.5	1,300,858	37,816	0.02907	0.97093	38.99
69.5	1,158,942	19,846	0.01712	0.98288	37.85
70.5	961,628	33,507	0.03484	0.96516	37.21
71.5	802,498	56,901	0.07090	0.92910	35.91
72.5	683,465	7,688	0.01125	0.98875	33.36
73.5	626,393	22,614	0.03610	0.96390	32.99
74.5	589,184	5,247	0.00891	0.99109	31.80
75.5	560,040	8,214	0.01467	0.98533	31.51
76.5	536,082	5,893	0.01099	0.98901	31.05
77.5	514,360	8,154	0.01585	0.98415	30.71
78.5	482,513	3,352	0.00695	0.99305	30.22
79.5	464,389	73,440	0.15814	0.84186	30.01
80.5	323,429	59,123	0.18280	0.81720	25.27
81.5	264,271	34,135	0.12917	0.87083	20.65
82.5	230,103	26,871	0.11678	0.88322	17.98
83.5	203,232	8,530	0.04197	0.95803	15.88
84.5	194,702	7,078	0.03635	0.96365	15.22
85.5	178,817	7,385	0.04130	0.95870	14.66
86.5	171,432	7,727	0.04507	0.95493	14.06
87.5	163,706	7,682	0.04692	0.95308	13.42
88.5	0	0	0.00000	1.00000	12.79

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 365 OVERHEAD CONDUCTOR AND DEVICES**

Placement Band 1926 to 2019
Observation Band 1926 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
0	568,817,449	719,325	0.00126	0.99874	100.00
0.5	543,123,332	2,945,202	0.00542	0.99458	99.87
1.5	516,671,090	2,772,198	0.00537	0.99463	99.33
2.5	494,974,933	2,680,268	0.00541	0.99459	98.80
3.5	471,204,861	3,839,470	0.00815	0.99185	98.27
4.5	452,750,485	3,772,414	0.00833	0.99167	97.46
5.5	431,202,735	4,196,357	0.00973	0.99027	96.65
6.5	407,720,993	3,678,638	0.00902	0.99098	95.71
7.5	387,840,999	3,636,654	0.00938	0.99062	94.85
8.5	364,741,145	3,278,557	0.00899	0.99101	93.96
9.5	328,724,678	2,581,849	0.00785	0.99215	93.11
10.5	311,028,710	2,526,677	0.00812	0.99188	92.38
11.5	284,082,495	2,127,242	0.00749	0.99251	91.63
12.5	261,665,929	1,760,419	0.00673	0.99327	90.95
13.5	241,528,104	1,654,071	0.00685	0.99315	90.34
14.5	222,772,726	1,785,111	0.00801	0.99199	89.72
15.5	212,702,916	1,938,687	0.00911	0.99089	89.00
16.5	199,682,434	1,587,857	0.00795	0.99205	88.19
17.5	191,258,527	1,590,789	0.00832	0.99168	87.49
18.5	181,623,166	1,542,256	0.00849	0.99151	86.76
19.5	169,898,031	1,609,462	0.00947	0.99053	86.02
20.5	161,890,102	2,470,927	0.01526	0.98474	85.21
21.5	151,241,776	1,637,337	0.01083	0.98917	83.91
22.5	142,457,183	1,543,685	0.01084	0.98916	83.00
23.5	130,088,151	1,562,607	0.01201	0.98799	82.10
24.5	123,759,725	1,531,908	0.01238	0.98762	81.11
25.5	115,532,262	1,578,314	0.01366	0.98634	80.11
26.5	103,218,635	1,486,002	0.01440	0.98560	79.01
27.5	96,503,385	1,691,055	0.01752	0.98248	77.87
28.5	89,546,626	1,457,750	0.01628	0.98372	76.51
29.5	84,148,341	1,299,141	0.01544	0.98456	75.26
30.5	79,227,505	1,529,226	0.01930	0.98070	74.10
31.5	74,232,054	1,269,222	0.01710	0.98290	72.67
32.5	69,308,820	1,288,074	0.01858	0.98142	71.43
33.5	63,715,288	1,138,623	0.01787	0.98213	70.10
34.5	58,913,041	1,187,275	0.02015	0.97985	68.85
35.5	53,521,044	1,105,243	0.02065	0.97935	67.46
36.5	48,038,594	1,129,588	0.02351	0.97649	66.07
37.5	43,410,534	1,016,972	0.02343	0.97657	64.52
38.5	39,186,444	1,041,194	0.02657	0.97343	63.00
39.5	35,797,231	955,217	0.02668	0.97332	61.33
40.5	32,421,788	929,721	0.02868	0.97132	59.69
41.5	29,703,746	893,477	0.03008	0.96992	57.98
42.5	27,176,991	872,134	0.03209	0.96791	56.24
43.5	24,897,786	837,509	0.03364	0.96636	54.43
44.5	22,355,698	704,904	0.03153	0.96847	52.60
45.5	20,200,499	653,478	0.03235	0.96765	50.94

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 365 OVERHEAD CONDUCTOR AND DEVICES**

Placement Band 1926 to 2019
Observation Band 1926 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
46.5	18,528,558	726,103	0.03919	0.96081	49.30
47.5	16,482,121	585,501	0.03552	0.96448	47.36
48.5	14,711,805	559,987	0.03806	0.96194	45.68
49.5	13,196,526	533,420	0.04042	0.95958	43.94
50.5	11,730,388	505,258	0.04307	0.95693	42.17
51.5	10,566,001	501,612	0.04747	0.95253	40.35
52.5	9,375,036	475,569	0.05073	0.94927	38.44
53.5	8,359,865	478,377	0.05722	0.94278	36.49
54.5	7,442,231	464,492	0.06241	0.93759	34.40
55.5	6,566,421	485,487	0.07393	0.92607	32.25
56.5	5,790,674	477,013	0.08238	0.91762	29.87
57.5	4,973,025	512,212	0.10300	0.89700	27.41
58.5	4,257,852	487,512	0.11450	0.88550	24.58
59.5	3,648,409	410,457	0.11250	0.88750	21.77
60.5	3,080,080	320,879	0.10418	0.89582	19.32
61.5	2,679,606	246,957	0.09216	0.90784	17.31
62.5	2,349,394	183,246	0.07800	0.92200	15.71
63.5	2,097,384	132,681	0.06326	0.93674	14.49
64.5	1,902,282	119,361	0.06275	0.93725	13.57
65.5	1,732,838	120,971	0.06981	0.93019	12.72
66.5	1,556,252	94,684	0.06084	0.93916	11.83
67.5	1,429,655	126,288	0.08833	0.91167	11.11
68.5	1,266,757	74,497	0.05881	0.94119	10.13
69.5	1,176,659	43,274	0.03678	0.96322	9.53
70.5	1,114,966	18,579	0.01666	0.98334	9.18
71.5	1,086,105	42,072	0.03874	0.96126	9.03
72.5	1,037,703	116,897	0.11265	0.88735	8.68
73.5	917,330	141,684	0.15445	0.84555	7.70
74.5	774,196	107,244	0.13852	0.86148	6.51
75.5	665,478	221,088	0.33222	0.66778	5.61
76.5	443,419	120,451	0.27164	0.72836	3.75
77.5	321,227	82,310	0.25624	0.74376	2.73
78.5	235,988	36,993	0.15676	0.84324	2.03
79.5	196,865	35,776	0.18173	0.81827	1.71
80.5	149,648	38,609	0.25800	0.74200	1.40
81.5	111,039	22,666	0.20413	0.79587	1.04
82.5	88,371	20,761	0.23493	0.76507	0.83
83.5	67,610	11,858	0.17538	0.82462	0.63
84.5	55,752	8,144	0.14607	0.85393	0.52
85.5	45,959	7,311	0.15909	0.84091	0.45
86.5	38,648	6,296	0.16290	0.83710	0.38
87.5	32,352	4,671	0.14439	0.85561	0.31
88.5	0	0	0.00000	1.00000	0.27

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 366 UNDERGROUND CONDUIT**

Placement Band 1928 to 2019
Observation Band 1928 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
0	72,475,700	7,984	0.00011	0.99989	100.00
0.5	68,715,710	31,163	0.00045	0.99955	99.99
1.5	66,051,411	18,446	0.00028	0.99972	99.94
2.5	62,875,441	17,428	0.00028	0.99972	99.92
3.5	59,497,783	56,050	0.00094	0.99906	99.89
4.5	56,789,089	17,463	0.00031	0.99969	99.79
5.5	54,542,772	14,919	0.00027	0.99973	99.76
6.5	52,423,760	54,657	0.00104	0.99896	99.74
7.5	50,180,546	30,086	0.00060	0.99940	99.63
8.5	47,760,432	49,476	0.00104	0.99896	99.57
9.5	45,723,785	66,040	0.00144	0.99856	99.47
10.5	43,475,583	27,479	0.00063	0.99937	99.33
11.5	39,810,591	16,583	0.00042	0.99958	99.26
12.5	34,026,732	13,481	0.00040	0.99960	99.22
13.5	30,079,945	12,315	0.00041	0.99959	99.18
14.5	27,505,950	12,789	0.00046	0.99954	99.14
15.5	26,046,702	16,483	0.00063	0.99937	99.09
16.5	22,660,715	29,052	0.00128	0.99872	99.03
17.5	21,792,506	15,468	0.00071	0.99929	98.90
18.5	20,929,470	14,327	0.00068	0.99932	98.83
19.5	19,663,581	15,519	0.00079	0.99921	98.77
20.5	18,785,701	31,280	0.00167	0.99833	98.69
21.5	17,280,192	17,826	0.00103	0.99897	98.52
22.5	15,748,032	12,888	0.00082	0.99918	98.42
23.5	13,858,290	14,998	0.00108	0.99892	98.34
24.5	13,654,669	13,415	0.00098	0.99902	98.24
25.5	11,455,818	13,830	0.00121	0.99879	98.14
26.5	9,089,634	12,938	0.00142	0.99858	98.02
27.5	8,412,319	13,762	0.00164	0.99836	97.88
28.5	7,791,062	12,522	0.00161	0.99839	97.72
29.5	7,258,955	12,935	0.00178	0.99822	97.56
30.5	6,779,269	11,351	0.00167	0.99833	97.39
31.5	6,235,498	13,060	0.00209	0.99791	97.23
32.5	5,809,846	11,037	0.00190	0.99810	97.02
33.5	5,197,295	8,518	0.00164	0.99836	96.84
34.5	4,711,463	9,335	0.00198	0.99802	96.68
35.5	4,222,878	9,135	0.00216	0.99784	96.49
36.5	3,661,322	5,970	0.00163	0.99837	96.28
37.5	3,317,603	5,892	0.00178	0.99822	96.13
38.5	3,062,542	5,617	0.00183	0.99817	95.95
39.5	2,812,392	4,910	0.00175	0.99825	95.78
40.5	2,528,457	5,470	0.00216	0.99784	95.61
41.5	2,331,811	5,086	0.00218	0.99782	95.40
42.5	2,116,704	3,675	0.00174	0.99826	95.20
43.5	1,894,501	3,293	0.00174	0.99826	95.03
44.5	1,650,330	2,189	0.00133	0.99867	94.86
45.5	1,515,576	3,282	0.00217	0.99783	94.74

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 366 UNDERGROUND CONDUIT**

Placement Band 1928 to 2019
Observation Band 1928 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
46.5	1,356,354	7,200	0.00531	0.99469	94.53
47.5	1,186,863	1,845	0.00155	0.99845	94.03
48.5	1,002,831	1,557	0.00155	0.99845	93.88
49.5	941,977	2,422	0.00257	0.99743	93.74
50.5	874,250	835	0.00095	0.99905	93.50
51.5	843,269	1,099	0.00130	0.99870	93.41
52.5	814,533	499	0.00061	0.99939	93.29
53.5	798,883	842	0.00105	0.99895	93.23
54.5	796,098	757	0.00095	0.99905	93.13
55.5	755,359	811	0.00107	0.99893	93.04
56.5	734,473	189	0.00026	0.99974	92.94
57.5	710,119	126	0.00018	0.99982	92.92
58.5	706,517	68	0.00010	0.99990	92.90
59.5	667,191	40	0.00006	0.99994	92.89
60.5	644,151	214	0.00033	0.99967	92.89
61.5	605,151	135	0.00022	0.99978	92.86
62.5	593,022	198	0.00033	0.99967	92.84
63.5	542,710	57	0.00011	0.99989	92.81
64.5	444,544	0	0.00000	1.00000	92.80
65.5	425,570	10	0.00002	0.99998	92.80
66.5	227,312	129	0.00057	0.99943	92.79
67.5	208,036	112	0.00054	0.99946	92.74
68.5	192,963	708	0.00367	0.99633	92.69
69.5	164,791	105	0.00064	0.99936	92.35
70.5	145,569	288	0.00198	0.99802	92.29
71.5	145,207	447	0.00308	0.99692	92.11
72.5	144,759	474	0.00327	0.99673	91.83
73.5	144,286	228	0.00158	0.99842	91.53
74.5	144,057	10	0.00007	0.99993	91.38
75.5	144,048	18	0.00013	0.99987	91.37
76.5	143,951	10	0.00007	0.99993	91.36
77.5	143,941	17	0.00012	0.99988	91.36
78.5	143,923	87	0.00060	0.99940	91.35
79.5	140,682	6	0.00004	0.99996	91.29
80.5	140,676	9	0.00006	0.99994	91.29
81.5	89,572	58	0.00065	0.99935	91.28
82.5	6,838	14	0.00210	0.99790	91.22
83.5	6,783	21	0.00314	0.99686	91.03
84.5	6,761	8	0.00117	0.99883	90.74
85.5	6,753	1,627	0.24097	0.75903	90.64
86.5	5,126	10	0.00200	0.99800	68.80
87.5	5,015	38	0.00754	0.99246	68.66
88.5	4,977	17	0.00348	0.99652	68.14
89.5	3,762	0	0.00000	1.00000	67.90
90.5	3,762	0	0.00000	1.00000	67.90
91.5	0	0	0.00000	0.00000	67.90

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 367 UNDERGROUND CONDUCTOR AND DEVICES**

Placement Band 1929 to 2019
Observation Band 1929 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
0	258,004,340	230,903	0.00089	0.99911	100.00
0.5	245,101,533	991,222	0.00404	0.99596	99.91
1.5	235,825,467	1,123,711	0.00477	0.99523	99.51
2.5	226,993,456	1,538,800	0.00678	0.99322	99.03
3.5	215,572,085	624,230	0.00290	0.99710	98.36
4.5	204,911,651	923,309	0.00451	0.99549	98.08
5.5	196,837,127	1,065,978	0.00542	0.99458	97.63
6.5	188,404,878	1,267,286	0.00673	0.99327	97.11
7.5	178,231,343	1,115,446	0.00626	0.99374	96.45
8.5	169,393,072	1,062,068	0.00627	0.99373	95.85
9.5	158,423,472	1,369,422	0.00864	0.99136	95.25
10.5	149,061,635	667,882	0.00448	0.99552	94.42
11.5	139,599,606	514,788	0.00369	0.99631	94.00
12.5	130,637,725	354,516	0.00271	0.99729	93.65
13.5	120,891,753	327,368	0.00271	0.99729	93.40
14.5	113,782,266	356,915	0.00314	0.99686	93.15
15.5	109,027,821	410,583	0.00377	0.99623	92.85
16.5	104,446,740	563,417	0.00539	0.99461	92.50
17.5	100,671,114	620,344	0.00616	0.99384	92.01
18.5	91,614,649	545,753	0.00596	0.99404	91.44
19.5	84,327,563	598,256	0.00709	0.99291	90.89
20.5	76,363,689	695,289	0.00910	0.99090	90.25
21.5	67,347,949	621,166	0.00922	0.99078	89.43
22.5	58,780,677	542,109	0.00922	0.99078	88.60
23.5	48,622,466	414,196	0.00852	0.99148	87.79
24.5	47,066,170	466,120	0.00990	0.99010	87.04
25.5	43,283,904	444,954	0.01028	0.98972	86.18
26.5	38,979,647	439,011	0.01126	0.98874	85.29
27.5	36,094,394	344,233	0.00954	0.99046	84.33
28.5	33,293,382	343,608	0.01032	0.98968	83.53
29.5	31,105,751	241,907	0.00778	0.99222	82.66
30.5	29,002,944	203,945	0.00703	0.99297	82.02
31.5	26,297,195	189,637	0.00721	0.99279	81.44
32.5	24,700,933	188,656	0.00764	0.99236	80.86
33.5	21,199,951	136,707	0.00645	0.99355	80.24
34.5	18,484,639	127,983	0.00692	0.99308	79.72
35.5	15,891,762	106,913	0.00673	0.99327	79.17
36.5	14,068,933	99,922	0.00710	0.99290	78.64
37.5	12,410,370	100,484	0.00810	0.99190	78.08
38.5	10,985,049	121,667	0.01108	0.98892	77.45
39.5	9,248,281	91,564	0.00990	0.99010	76.59
40.5	7,732,794	113,133	0.01463	0.98537	75.83
41.5	6,578,166	95,106	0.01446	0.98554	74.72
42.5	5,483,587	89,057	0.01624	0.98376	73.64
43.5	4,519,991	74,749	0.01654	0.98346	72.44
44.5	3,847,517	75,878	0.01972	0.98028	71.25
45.5	3,156,778	67,285	0.02131	0.97869	69.84

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 367 UNDERGROUND CONDUCTOR AND DEVICES**

Placement Band 1929 to 2019
Observation Band 1929 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
46.5	2,477,364	68,408	0.02761	0.97239	68.35
47.5	1,575,676	45,465	0.02885	0.97115	66.47
48.5	1,073,671	39,854	0.03712	0.96288	64.55
49.5	874,839	58,240	0.06657	0.93343	62.15
50.5	502,440	38,406	0.07644	0.92356	58.02
51.5	371,837	47,360	0.12737	0.87263	53.58
52.5	284,986	48,222	0.16921	0.83079	46.76
53.5	214,672	49,808	0.23202	0.76798	38.84
54.5	164,154	37,147	0.22629	0.77371	29.83
55.5	125,745	39,833	0.31677	0.68323	23.08
56.5	81,680	15,976	0.19559	0.80441	15.77
57.5	63,257	16,136	0.25508	0.74492	12.69
58.5	47,057	8,056	0.17119	0.82881	9.45
59.5	38,951	4,880	0.12529	0.87471	7.83
60.5	34,035	1,379	0.04051	0.95949	6.85
61.5	32,641	525	0.01608	0.98392	6.57
62.5	31,115	812	0.02609	0.97391	6.47
63.5	27,998	399	0.01424	0.98576	6.30
64.5	27,600	1,770	0.06415	0.93585	6.21
65.5	25,829	1,674	0.06483	0.93517	5.81
66.5	24,155	6,085	0.25192	0.74808	5.43
67.5	18,070	6,539	0.36187	0.63813	4.06
68.5	11,531	5,936	0.51482	0.48518	2.59
69.5	5,508	2,540	0.46108	0.53892	1.26
70.5	2,641	742	0.28093	0.71907	0.68
71.5	1,899	130	0.06852	0.93148	0.49
72.5	1,769	226	0.12776	0.87224	0.46
73.5	1,543	27	0.01773	0.98227	0.40
74.5	1,516	7	0.00476	0.99524	0.39
75.5	1,508	0	0.00000	1.00000	0.39
76.5	1,508	0	0.00000	1.00000	0.39
77.5	1,508	0	0.00000	1.00000	0.39
78.5	1,508	0	0.00000	1.00000	0.39
79.5	1,508	0	0.00000	1.00000	0.39
80.5	1,508	12	0.00778	0.99222	0.39
81.5	1,497	10	0.00645	0.99355	0.39
82.5	1,487	13	0.00884	0.99116	0.38
83.5	1,337	6	0.00466	0.99534	0.38
84.5	1,331	5	0.00351	0.99649	0.38
85.5	1,326	11	0.00820	0.99180	0.38
86.5	1,137	64	0.05643	0.94357	0.37
87.5	1,072	59	0.05484	0.94516	0.35
88.5	1,014	82	0.08095	0.91905	0.33
89.5	0	0	0.00000	1.00000	0.31

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 368 LINE TRANSFORMERS**

Placement Band 1904 to 2019
Observation Band 1904 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
0	544,880,730	1,819,386	0.00334	0.99666	100.00
0.5	522,991,999	4,835,133	0.00925	0.99075	99.67
1.5	495,861,486	4,831,000	0.00974	0.99026	98.74
2.5	472,577,248	4,548,587	0.00963	0.99037	97.78
3.5	451,645,104	5,159,918	0.01142	0.98858	96.84
4.5	431,976,290	4,758,124	0.01101	0.98899	95.73
5.5	412,118,852	5,415,387	0.01314	0.98686	94.68
6.5	392,682,769	4,866,531	0.01239	0.98761	93.44
7.5	373,583,388	3,787,725	0.01014	0.98986	92.28
8.5	356,025,131	4,044,808	0.01136	0.98864	91.34
9.5	312,561,356	2,914,426	0.00932	0.99068	90.30
10.5	299,088,464	3,011,125	0.01007	0.98993	89.46
11.5	280,865,257	3,458,189	0.01231	0.98769	88.56
12.5	265,332,521	3,201,808	0.01207	0.98793	87.47
13.5	250,184,691	2,976,879	0.01190	0.98810	86.42
14.5	239,268,390	3,287,662	0.01374	0.98626	85.39
15.5	229,364,966	3,192,456	0.01392	0.98608	84.21
16.5	217,585,209	3,044,515	0.01399	0.98601	83.04
17.5	208,604,679	3,202,993	0.01535	0.98465	81.88
18.5	197,197,066	2,925,425	0.01484	0.98516	80.62
19.5	194,033,373	3,328,906	0.01716	0.98284	79.43
20.5	179,238,353	2,883,076	0.01609	0.98391	78.06
21.5	172,452,177	2,809,211	0.01629	0.98371	76.81
22.5	160,227,934	2,857,147	0.01783	0.98217	75.56
23.5	152,866,019	2,800,250	0.01832	0.98168	74.21
24.5	143,176,051	2,605,180	0.01820	0.98180	72.85
25.5	137,053,848	2,736,078	0.01996	0.98004	71.52
26.5	125,869,985	2,388,062	0.01897	0.98103	70.10
27.5	119,788,378	2,338,542	0.01952	0.98048	68.77
28.5	111,998,185	2,235,128	0.01996	0.98004	67.42
29.5	105,702,548	2,233,426	0.02113	0.97887	66.08
30.5	99,007,172	2,061,925	0.02083	0.97917	64.68
31.5	93,334,327	2,148,387	0.02302	0.97698	63.34
32.5	87,612,391	2,033,600	0.02321	0.97679	61.88
33.5	81,737,837	2,015,330	0.02466	0.97534	60.44
34.5	75,671,495	1,876,005	0.02479	0.97521	58.95
35.5	69,455,020	1,749,215	0.02518	0.97482	57.49
36.5	63,660,216	1,737,147	0.02729	0.97271	56.04
37.5	58,050,769	1,610,598	0.02774	0.97226	54.51
38.5	53,289,744	1,498,722	0.02812	0.97188	53.00
39.5	48,914,811	1,707,104	0.03490	0.96510	51.51
40.5	44,556,950	1,344,870	0.03018	0.96982	49.71
41.5	40,414,110	1,246,467	0.03084	0.96916	48.21
42.5	37,157,999	1,157,426	0.03115	0.96885	46.73
43.5	34,558,999	1,086,182	0.03143	0.96857	45.27
44.5	31,984,034	1,062,084	0.03321	0.96679	43.85
45.5	28,702,025	1,057,057	0.03683	0.96317	42.39

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 368 LINE TRANSFORMERS**

Placement Band 1904 to 2019
Observation Band 1904 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
46.5	25,953,222	1,035,803	0.03991	0.96009	40.83
47.5	23,264,719	890,186	0.03826	0.96174	39.20
48.5	20,771,846	852,423	0.04104	0.95896	37.70
49.5	18,149,838	699,063	0.03852	0.96148	36.15
50.5	15,670,841	601,144	0.03836	0.96164	34.76
51.5	13,833,006	539,549	0.03900	0.96100	33.43
52.5	12,340,490	485,626	0.03935	0.96065	32.12
53.5	10,898,945	411,513	0.03776	0.96224	30.86
54.5	9,791,573	374,542	0.03825	0.96175	29.69
55.5	8,683,816	332,906	0.03834	0.96166	28.56
56.5	7,719,829	322,276	0.04175	0.95825	27.46
57.5	6,727,594	293,639	0.04365	0.95635	26.32
58.5	5,891,814	255,123	0.04330	0.95670	25.17
59.5	5,064,161	227,338	0.04489	0.95511	24.08
60.5	4,293,170	211,554	0.04928	0.95072	23.00
61.5	3,508,975	176,138	0.05020	0.94980	21.86
62.5	2,812,341	137,849	0.04902	0.95098	20.77
63.5	2,200,733	104,824	0.04763	0.95237	19.75
64.5	1,486,637	56,366	0.03791	0.96209	18.81
65.5	1,113,251	35,841	0.03219	0.96781	18.09
66.5	802,900	38,328	0.04774	0.95226	17.51
67.5	591,959	22,775	0.03847	0.96153	16.68
68.5	402,440	15,423	0.03832	0.96168	16.03
69.5	214,991	1,242	0.00578	0.99422	15.42
70.5	209,855	2,484	0.01184	0.98816	15.33
71.5	162,803	38	0.00023	0.99977	15.15
72.5	140,675	1,261	0.00896	0.99104	15.15
73.5	89,298	0	0.00000	1.00000	15.01
74.5	87,952	1,695	0.01927	0.98073	15.01
75.5	86,257	0	0.00000	1.00000	14.72
76.5	86,257	0	0.00000	1.00000	14.72
77.5	86,257	0	0.00000	1.00000	14.72
78.5	86,257	0	0.00000	1.00000	14.72
79.5	76,301	0	0.00000	1.00000	14.72
80.5	76,301	0	0.00000	1.00000	14.72
81.5	56,758	0	0.00000	1.00000	14.72
82.5	14,588	0	0.00000	1.00000	14.72
83.5	14,588	0	0.00000	1.00000	14.72
84.5	14,588	0	0.00000	1.00000	14.72
85.5	14,588	0	0.00000	1.00000	14.72
86.5	14,588	0	0.00000	1.00000	14.72
87.5	14,588	0	0.00000	1.00000	14.72
88.5	14,588	0	0.00000	1.00000	14.72
89.5	14,588	0	0.00000	1.00000	14.72
90.5	14,588	0	0.00000	1.00000	14.72
91.5	14,588	0	0.00000	1.00000	14.72
92.5	14,588	0	0.00000	1.00000	14.72

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 368 LINE TRANSFORMERS**

Placement Band 1904 to 2019
Observation Band 1904 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
93.5	14,588	0	0.00000	1.00000	14.72
94.5	14,588	0	0.00000	1.00000	14.72
95.5	14,588	0	0.00000	1.00000	14.72
96.5	14,588	0	0.00000	1.00000	14.72
97.5	14,588	0	0.00000	1.00000	14.72
98.5	14,588	0	0.00000	1.00000	14.72
99.5	14,588	2,918	0.20000	0.80000	14.72
100.5	11,671	0	0.00000	1.00000	11.78
101.5	11,671	0	0.00000	1.00000	11.78
102.5	11,671	0	0.00000	1.00000	11.78
103.5	11,671	0	0.00000	1.00000	11.78
104.5	11,671	0	0.00000	1.00000	11.78
105.5	11,671	0	0.00000	1.00000	11.78
106.5	11,671	0	0.00000	1.00000	11.78
107.5	11,671	0	0.00000	1.00000	11.78
108.5	11,671	2,918	0.25000	0.75000	11.78
109.5	8,753	0	0.00000	1.00000	8.83
110.5	8,753	0	0.00000	1.00000	8.83
111.5	8,753	0	0.00000	1.00000	8.83
112.5	8,753	0	0.00000	1.00000	8.83
113.5	8,753	0	0.00000	1.00000	8.83
114.5	8,753	0	0.00000	1.00000	8.83
115.5	0	0	0.00000	0.00000	8.83

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 369 SERVICES**

Placement Band 1927 to 2019
Observation Band 1927 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
0	105,116,326	289,218	0.00275	0.99725	100.00
0.5	100,331,022	855,994	0.00853	0.99147	99.73
1.5	95,593,251	625,868	0.00655	0.99345	98.87
2.5	91,178,119	425,245	0.00466	0.99534	98.23
3.5	87,230,777	211,406	0.00242	0.99758	97.77
4.5	83,641,036	147,163	0.00176	0.99824	97.53
5.5	80,355,463	146,408	0.00182	0.99818	97.36
6.5	73,816,528	163,992	0.00222	0.99778	97.18
7.5	68,973,654	216,760	0.00314	0.99686	96.97
8.5	64,687,588	169,624	0.00262	0.99738	96.66
9.5	52,990,925	149,948	0.00283	0.99717	96.41
10.5	48,798,940	146,474	0.00300	0.99700	96.14
11.5	45,116,592	159,577	0.00354	0.99646	95.85
12.5	41,519,116	133,554	0.00322	0.99678	95.51
13.5	37,396,407	145,799	0.00390	0.99610	95.20
14.5	33,964,440	160,834	0.00474	0.99526	94.83
15.5	31,117,924	130,373	0.00419	0.99581	94.38
16.5	29,285,216	205,663	0.00702	0.99298	93.99
17.5	28,956,962	152,264	0.00526	0.99474	93.33
18.5	27,872,757	117,893	0.00423	0.99577	92.84
19.5	27,285,707	120,864	0.00443	0.99557	92.44
20.5	25,934,253	117,833	0.00454	0.99546	92.03
21.5	24,917,681	135,332	0.00543	0.99457	91.61
22.5	23,771,516	112,149	0.00472	0.99528	91.12
23.5	22,143,049	167,471	0.00756	0.99244	90.69
24.5	21,707,629	114,435	0.00527	0.99473	90.00
25.5	21,164,893	110,091	0.00520	0.99480	89.53
26.5	19,500,773	102,037	0.00523	0.99477	89.06
27.5	18,886,633	102,211	0.00541	0.99459	88.60
28.5	17,019,074	82,552	0.00485	0.99515	88.12
29.5	16,395,774	69,574	0.00424	0.99576	87.69
30.5	15,719,897	75,147	0.00478	0.99522	87.32
31.5	15,126,515	66,690	0.00441	0.99559	86.90
32.5	14,593,623	69,877	0.00479	0.99521	86.52
33.5	13,953,714	65,409	0.00469	0.99531	86.10
34.5	13,223,114	56,987	0.00431	0.99569	85.70
35.5	12,279,923	51,940	0.00423	0.99577	85.33
36.5	11,478,697	52,506	0.00457	0.99543	84.97
37.5	10,777,108	53,963	0.00501	0.99499	84.58
38.5	10,040,919	57,112	0.00569	0.99431	84.16
39.5	9,457,945	66,944	0.00708	0.99292	83.68
40.5	8,857,800	62,776	0.00709	0.99291	83.09
41.5	8,215,146	58,920	0.00717	0.99283	82.50
42.5	7,659,312	48,428	0.00632	0.99368	81.91
43.5	7,153,599	40,072	0.00560	0.99440	81.39
44.5	6,689,684	28,956	0.00433	0.99567	80.93
45.5	6,281,696	31,495	0.00501	0.99499	80.58

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 369 SERVICES**

Placement Band 1927 to 2019
Observation Band 1927 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
46.5	5,886,994	35,000	0.00595	0.99405	80.18
47.5	5,470,815	40,545	0.00741	0.99259	79.70
48.5	5,038,059	28,626	0.00568	0.99432	79.11
49.5	4,752,849	29,523	0.00621	0.99379	78.66
50.5	4,463,086	31,119	0.00697	0.99303	78.17
51.5	4,148,786	32,189	0.00776	0.99224	77.63
52.5	3,848,855	29,376	0.00763	0.99237	77.03
53.5	3,605,792	29,958	0.00831	0.99169	76.44
54.5	3,354,526	33,016	0.00984	0.99016	75.80
55.5	3,062,998	35,970	0.01174	0.98826	75.06
56.5	2,795,050	33,687	0.01205	0.98795	74.18
57.5	2,540,288	32,315	0.01272	0.98728	73.28
58.5	2,304,006	32,146	0.01395	0.98605	72.35
59.5	2,081,083	34,380	0.01652	0.98348	71.34
60.5	1,840,589	35,029	0.01903	0.98097	70.16
61.5	1,637,726	38,170	0.02331	0.97669	68.83
62.5	1,452,501	127,055	0.08747	0.91253	67.22
63.5	1,222,434	157,063	0.12848	0.87152	61.34
64.5	989,546	99,046	0.10009	0.89991	53.46
65.5	734,015	115,260	0.15703	0.84297	48.11
66.5	464,595	64,536	0.13891	0.86109	40.56
67.5	332,440	21,365	0.06427	0.93573	34.92
68.5	248,260	19,807	0.07978	0.92022	32.68
69.5	228,453	11,191	0.04899	0.95101	30.07
70.5	217,261	12,489	0.05749	0.94251	28.60
71.5	204,772	25,969	0.12682	0.87318	26.95
72.5	178,803	16,521	0.09240	0.90760	23.54
73.5	162,282	93,058	0.57343	0.42657	21.36
74.5	69,225	7,095	0.10249	0.89751	9.11
75.5	62,129	2,031	0.03270	0.96730	8.18
76.5	60,098	1,176	0.01957	0.98043	7.91
77.5	58,922	5,200	0.08825	0.91175	7.76
78.5	53,722	38,382	0.71447	0.28553	7.07
79.5	15,339	2,652	0.17291	0.82709	2.02
80.5	12,687	2,569	0.20251	0.79749	1.67
81.5	10,118	10,118	1.00000	0.00000	1.33
82.5	0	0	0.00000	1.00000	0.00

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 370 METERS**

Placement Band 1927 to 2019
Observation Band 2000 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
0	118,834,971	1,971,400	0.01659	0.98341	100.00
0.5	119,820,201	4,326,775	0.03611	0.96389	98.34
1.5	115,027,537	5,896,912	0.05127	0.94873	94.79
2.5	110,014,141	4,116,095	0.03741	0.96259	89.93
3.5	94,402,223	3,384,357	0.03585	0.96415	86.57
4.5	83,948,315	3,312,238	0.03946	0.96054	83.46
5.5	76,510,660	4,647,089	0.06074	0.93926	80.17
6.5	59,434,843	2,242,102	0.03772	0.96228	75.30
7.5	55,741,555	2,641,512	0.04739	0.95261	72.46
8.5	54,360,401	2,678,546	0.04927	0.95073	69.03
9.5	47,033,165	2,468,448	0.05248	0.94752	65.63
10.5	44,785,454	2,399,047	0.05357	0.94643	62.18
11.5	41,840,090	3,075,988	0.07352	0.92648	58.85
12.5	38,276,827	2,134,369	0.05576	0.94424	54.52
13.5	36,361,890	3,557,086	0.09782	0.90218	51.48
14.5	33,905,594	1,949,103	0.05749	0.94251	46.45
15.5	32,984,210	2,435,708	0.07384	0.92616	43.78
16.5	31,997,655	2,038,114	0.06370	0.93630	40.55
17.5	30,190,696	2,012,196	0.06665	0.93335	37.96
18.5	28,705,618	1,821,487	0.06345	0.93655	35.43
19.5	27,186,539	1,848,058	0.06798	0.93202	33.18
20.5	25,583,365	1,722,522	0.06733	0.93267	30.93
21.5	24,599,793	2,300,918	0.09353	0.90647	28.85
22.5	22,248,003	1,468,878	0.06602	0.93398	26.15
23.5	21,016,440	1,755,661	0.08354	0.91646	24.42
24.5	19,170,793	1,349,426	0.07039	0.92961	22.38
25.5	17,824,613	1,468,515	0.08239	0.91761	20.81
26.5	16,374,201	1,346,489	0.08223	0.91777	19.09
27.5	15,454,940	1,409,020	0.09117	0.90883	17.52
28.5	14,169,306	1,407,766	0.09935	0.90065	15.93
29.5	12,753,548	1,521,322	0.11929	0.88071	14.34
30.5	11,362,536	1,384,032	0.12181	0.87819	12.63
31.5	10,050,831	1,130,176	0.11245	0.88755	11.09
32.5	8,867,648	1,083,738	0.12221	0.87779	9.85
33.5	7,855,766	883,844	0.11251	0.88749	8.64
34.5	7,032,410	809,808	0.11515	0.88485	7.67
35.5	6,382,320	772,842	0.12109	0.87891	6.79
36.5	5,792,574	647,618	0.11180	0.88820	5.97
37.5	5,329,426	560,645	0.10520	0.89480	5.30
38.5	4,948,335	532,652	0.10764	0.89236	4.74
39.5	4,674,935	495,694	0.10603	0.89397	4.23
40.5	4,563,879	489,618	0.10728	0.89272	3.78
41.5	4,249,746	457,416	0.10763	0.89237	3.38
42.5	3,979,649	406,202	0.10207	0.89793	3.01
43.5	3,671,469	388,683	0.10587	0.89413	2.71
44.5	3,735,006	386,687	0.10353	0.89647	2.42
45.5	3,462,520	500,913	0.14467	0.85533	2.17
46.5	2,996,314	336,867	0.11243	0.88757	1.86
47.5	2,674,608	317,890	0.11885	0.88115	1.65

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 370 METERS**

Placement Band 1927 to 2019
Observation Band 2000 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
48.5	2,392,963	314,578	0.13146	0.86854	1.45
49.5	2,465,247	321,213	0.13030	0.86970	1.26
50.5	2,113,863	318,619	0.15073	0.84927	1.10
51.5	1,773,117	282,249	0.15918	0.84082	0.93
52.5	1,463,433	255,762	0.17477	0.82523	0.78
53.5	1,187,345	210,094	0.17694	0.82306	0.65
54.5	1,044,950	188,982	0.18085	0.81915	0.53
55.5	833,463	219,484	0.26334	0.73666	0.44
56.5	595,871	153,873	0.25823	0.74177	0.32
57.5	435,592	119,394	0.27410	0.72590	0.24
58.5	305,978	56,705	0.18532	0.81468	0.17
59.5	240,246	70,126	0.29189	0.70811	0.14
60.5	135,845	45,535	0.33520	0.66480	0.10
61.5	90,310	40,434	0.44772	0.55228	0.07
62.5	49,877	19,440	0.38976	0.61024	0.04
63.5	30,437	14,467	0.47533	0.52467	0.02
64.5	15,969	8,159	0.51090	0.48910	0.01
65.5	7,811	482	0.06175	0.93825	0.01
66.5	7,328	89	0.01219	0.98781	0.01
67.5	7,239	30	0.00411	0.99589	0.01
68.5	7,209	9	0.00121	0.99879	0.01
69.5	7,201	7,201	1.00000	0.00000	0.01
70.5	0	0	0.00000	1.00000	0.00

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES**

Placement Band 1926 to 2019
Observation Band 1926 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
0	71,694,636	179,610	0.00251	0.99749	100.00
0.5	69,741,780	1,031,878	0.01480	0.98520	99.75
1.5	67,045,047	1,366,598	0.02038	0.97962	98.27
2.5	63,565,679	1,632,886	0.02569	0.97431	96.27
3.5	60,060,566	1,506,336	0.02508	0.97492	93.80
4.5	56,997,004	1,496,666	0.02626	0.97374	91.45
5.5	54,023,036	1,424,442	0.02637	0.97363	89.04
6.5	49,345,575	1,132,646	0.02295	0.97705	86.70
7.5	46,310,809	1,244,227	0.02687	0.97313	84.71
8.5	43,771,338	1,219,804	0.02787	0.97213	82.43
9.5	39,805,899	1,081,551	0.02717	0.97283	80.13
10.5	37,707,858	922,493	0.02446	0.97554	77.96
11.5	35,540,241	1,246,457	0.03507	0.96493	76.05
12.5	32,997,656	833,957	0.02527	0.97473	73.38
13.5	31,347,295	1,085,618	0.03463	0.96537	71.53
14.5	29,275,801	940,925	0.03214	0.96786	69.05
15.5	27,540,200	894,786	0.03249	0.96751	66.83
16.5	25,666,149	841,327	0.03278	0.96722	64.66
17.5	24,662,907	734,014	0.02976	0.97024	62.54
18.5	23,559,712	655,372	0.02782	0.97218	60.68
19.5	21,850,881	762,398	0.03489	0.96511	58.99
20.5	19,767,079	642,860	0.03252	0.96748	56.93
21.5	17,778,100	567,578	0.03193	0.96807	55.08
22.5	15,659,856	445,494	0.02845	0.97155	53.32
23.5	13,172,500	396,858	0.03013	0.96987	51.81
24.5	10,184,801	344,648	0.03384	0.96616	50.25
25.5	9,363,540	345,178	0.03686	0.96314	48.55
26.5	7,836,972	358,909	0.04580	0.95420	46.76
27.5	6,544,772	329,218	0.05030	0.94970	44.62
28.5	5,545,302	255,813	0.04613	0.95387	42.37
29.5	5,079,323	237,510	0.04676	0.95324	40.42
30.5	4,468,310	207,709	0.04649	0.95351	38.53
31.5	4,009,188	235,535	0.05875	0.94125	36.74
32.5	3,449,725	193,194	0.05600	0.94400	34.58
33.5	2,929,649	145,186	0.04956	0.95044	32.64
34.5	2,523,260	134,242	0.05320	0.94680	31.02
35.5	2,036,574	104,484	0.05130	0.94870	29.37
36.5	1,633,574	91,727	0.05615	0.94385	27.87
37.5	1,284,421	74,881	0.05830	0.94170	26.30
38.5	841,747	64,732	0.07690	0.92310	24.77
39.5	668,835	50,094	0.07490	0.92510	22.86
40.5	559,681	39,465	0.07051	0.92949	21.15
41.5	467,495	35,441	0.07581	0.92419	19.66
42.5	385,634	33,361	0.08651	0.91349	18.17
43.5	275,865	26,373	0.09560	0.90440	16.60
44.5	219,600	24,796	0.11292	0.88708	15.01
45.5	163,729	22,200	0.13559	0.86441	13.32

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES**

Placement Band 1926 to 2019
Observation Band 1926 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
46.5	125,249	13,629	0.10882	0.89118	11.51
47.5	70,736	8,203	0.11597	0.88403	10.26
48.5	25,937	3,968	0.15297	0.84703	9.07
49.5	18,122	3,642	0.20098	0.79902	7.68
50.5	13,410	1,996	0.14882	0.85118	6.14
51.5	11,385	1,388	0.12193	0.87807	5.22
52.5	9,935	1,494	0.15043	0.84957	4.59
53.5	6,090	524	0.08603	0.91397	3.90
54.5	4,260	447	0.10485	0.89515	3.56
55.5	3,454	106	0.03081	0.96919	3.19
56.5	2,213	42	0.01883	0.98117	3.09
57.5	2,153	131	0.06100	0.93900	3.03
58.5	1,338	6	0.00429	0.99571	2.85
59.5	1,332	379	0.28472	0.71528	2.84
60.5	944	698	0.73850	0.26150	2.03
61.5	247	5	0.01879	0.98121	0.53
62.5	242	0	0.00000	1.00000	0.52
63.5	242	0	0.00000	1.00000	0.52
64.5	242	0	0.00000	1.00000	0.52
65.5	242	242	0.99860	0.00140	0.52
66.5	0	0	1.00000	0.00000	0.00
67.5	0	0	0.00000	1.00000	0.00

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS**

Placement Band 1900 to 2019
Observation Band 1900 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
0	61,085,230	143,828	0.00235	0.99765	100.00
0.5	59,290,726	573,686	0.00968	0.99032	99.77
1.5	57,652,462	777,283	0.01348	0.98652	98.80
2.5	55,172,567	884,518	0.01603	0.98397	97.47
3.5	52,919,011	850,083	0.01606	0.98394	95.91
4.5	50,951,171	813,867	0.01597	0.98403	94.37
5.5	49,308,815	838,444	0.01700	0.98300	92.86
6.5	46,241,214	622,841	0.01347	0.98653	91.28
7.5	44,278,777	773,515	0.01747	0.98253	90.05
8.5	42,550,072	686,434	0.01613	0.98387	88.48
9.5	40,173,228	55,651	0.00139	0.99861	87.05
10.5	39,173,448	581,649	0.01485	0.98515	86.93
11.5	37,607,173	625,497	0.01663	0.98337	85.64
12.5	35,913,914	492,385	0.01371	0.98629	84.21
13.5	34,297,227	504,712	0.01472	0.98528	83.06
14.5	32,753,086	565,876	0.01728	0.98272	81.84
15.5	31,489,026	544,589	0.01729	0.98271	80.42
16.5	30,331,850	572,807	0.01888	0.98112	79.03
17.5	29,197,292	510,903	0.01750	0.98250	77.54
18.5	26,855,843	440,960	0.01642	0.98358	76.18
19.5	24,848,181	451,907	0.01819	0.98181	74.93
20.5	22,733,527	414,868	0.01825	0.98175	73.57
21.5	21,419,453	375,634	0.01754	0.98246	72.23
22.5	19,813,644	381,183	0.01924	0.98076	70.96
23.5	17,903,308	365,652	0.02042	0.97958	69.59
24.5	16,788,067	336,147	0.02002	0.97998	68.17
25.5	15,772,119	327,423	0.02076	0.97924	66.81
26.5	14,435,872	371,920	0.02576	0.97424	65.42
27.5	13,299,944	355,158	0.02670	0.97330	63.74
28.5	12,393,559	254,996	0.02057	0.97943	62.03
29.5	11,073,402	250,554	0.02263	0.97737	60.76
30.5	9,960,831	183,494	0.01842	0.98158	59.38
31.5	9,019,734	146,450	0.01624	0.98376	58.29
32.5	8,372,360	157,081	0.01876	0.98124	57.34
33.5	7,656,950	167,602	0.02189	0.97811	56.27
34.5	6,933,635	189,158	0.02728	0.97272	55.03
35.5	6,352,923	209,492	0.03298	0.96702	53.53
36.5	5,359,906	153,714	0.02868	0.97132	51.77
37.5	4,588,303	207,900	0.04531	0.95469	50.28
38.5	3,883,316	109,171	0.02811	0.97189	48.00
39.5	3,431,440	160,650	0.04682	0.95318	46.66
40.5	2,924,817	69,344	0.02371	0.97629	44.47
41.5	2,707,952	70,573	0.02606	0.97394	43.42
42.5	2,463,545	55,053	0.02235	0.97765	42.29
43.5	2,304,636	49,901	0.02165	0.97835	41.34
44.5	2,090,471	80,364	0.03844	0.96156	40.45
45.5	1,830,017	63,178	0.03452	0.96548	38.89

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2019
OBSERVED LIFE TABLE - ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS**

Placement Band 1900 to 2019
Observation Band 1900 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
46 5	1,590,910	61,845	0.03887	0.96113	37.55
47.5	1,410,377	57,534	0.04079	0.95921	36.09
48 5	1,208,456	71,484	0.05915	0.94085	34.62
49 5	1,035,265	61,653	0.05955	0.94045	32.57
50 5	870,233	37,478	0.04307	0.95693	30.63
51.5	720,774	30,364	0.04213	0.95787	29.31
52 5	646,098	29,421	0.04554	0.95446	28.08
53 5	573,870	14,665	0.02555	0.97445	26.80
54 5	525,013	13,689	0.02607	0.97393	26.11
55 5	465,048	9,059	0.01948	0.98052	25.43
56 5	411,423	13,424	0.03263	0.96737	24.94
57.5	327,990	12,031	0.03668	0.96332	24.12
58 5	262,453	5,064	0.01930	0.98070	23.24
59 5	224,599	4,296	0.01913	0.98087	22.79
60.5	204,143	5,118	0.02507	0.97493	22.35
61.5	192,318	3,650	0.01898	0.98102	21.79
62.5	150,933	2,887	0.01913	0.98087	21.38
63.5	117,730	2,485	0.02111	0.97889	20.97
64.5	106,595	3,544	0.03325	0.96675	20.53
65 5	85,195	4,023	0.04722	0.95278	19.84
66.5	74,308	5,267	0.07088	0.92912	18.91
67.5	64,879	1,082	0.01668	0.98332	17.57
68.5	41,238	1,239	0.03003	0.96997	17.27
69 5	32,453	2,575	0.07935	0.92065	16.76
70 5	24,593	4,915	0.19984	0.80016	15.43
71.5	18,416	666	0.03617	0.96383	12.34
72.5	17,717	622	0.03508	0.96492	11.90
73 5	17,023	598	0.03510	0.96490	11.48
74 5	16,413	551	0.03359	0.96641	11.08
75 5	15,862	2,275	0.14341	0.85659	10.70
76.5	13,587	101	0.00741	0.99259	9.17
77 5	13,365	726	0.05429	0.94571	9.10
78 5	12,640	640	0.05066	0.94934	8.61
79.5	11,837	1,019	0.08608	0.91392	8.17
80.5	4,351	249	0.05713	0.94287	7.47
81.5	4,102	500	0.12194	0.87806	7.04
82.5	3,602	392	0.10885	0.89115	6.18
83 5	3,210	557	0.17338	0.82662	5.51
84.5	2,653	394	0.14852	0.85148	4.55
85.5	1,972	146	0.07395	0.92605	3.88
86.5	1,826	158	0.08661	0.91339	3.59
87 5	1,668	237	0.14182	0.85818	3.28
88 5	1,431	137	0.09560	0.90440	2.82
89 5	1,294	85	0.06589	0.93411	2.55
90.5	0	0	0.00000	1.00000	2.38

SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
DISTRIBUTION PLANT
NET SALVAGE ANALYSIS

**Southwestern Electric Power Company
Net Salvage Analysis - Distribution Plant
Depreciation Study as of December 31, 2019**

Account 360.1 Land Rights

Year	Retirements	Salvage			Removal Amount	Removal %	Removal 10 Yr Avg	Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
		Salvage Amount	Salvage %	10 Yr. Avg						
2006	0	0	0.00		0	0.00		0	0.00	
2007	0	0	0.00		0	0.00		0	0.00	
2008	0	0	0.00		0	0.00		0	0.00	
2009	0	0	0.00		0	0.00		0	0.00	
2010	0	0	0.00		0	0.00		0	0.00	
2011	0	0	0.00		0	0.00		0	0.00	
2012	0	0	0.00		0	0.00		0	0.00	
2013	0	0	0.00		0	0.00		0	0.00	
2014	0	0	0.00		0	0.00		0	0.00	
2015	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2016	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2017	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2018	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2019	<u>0</u>	<u>0</u>	<u>0.00</u>	<u>0.00</u>	<u>0</u>	<u>0.00</u>	<u>0.00</u>	<u>0</u>	<u>0.00</u>	<u>0.00</u>
	0	0	0.00		0	0.00		0	0.00	

Historical retirements from this account are non-existent. The ten year analysis since 2006 indicates that a 0% gross salvage, a 0% gross removal and a 0% net salvage continues to be appropriate

**Southwestern Electric Power Company
Net Salvage Analysis - Distribution Plant
Depreciation Study as of December 31, 2019**

Account 361 Structures and Improvements

Year	Retirements	Salvage			10 Yr. Avg	Removal		10 Yr Avg	Net Salvg		10 Yr Avg
		Salvage Amount	Salvage %			Amount	%		Amt	%	
1984	1,595	384	24.08			357	22.38		27	1.69	
1985	1,770	2,531	142.99			2,953	166.84		-422	-23.84	
1986	12,065	8,405	69.66			1,862	15.43		6,543	54.23	
1987	6,943	584	8.41			855	12.31		-271	-3.90	
1988	0	0	0.00			0	0.00		0	0.00	
1989	11,876	35	0.29			1,342	11.30		-1,307	-11.01	
1990	24,611	1,677	6.81			6,671	27.11		-4,994	-20.29	
1991	1,507	1,505	99.87			405	26.87		1,100	72.99	
1992	278	3	1.08			21	7.55		-18	-6.47	
1993	300	0	0.00	24.82		15	5.00	23.76	-15	-5.00	1.06
1994	0	0	0.00	24.84		0	0.00	23.80	0	0.00	1.04
1995	0	0	0.00	21.20		0	0.00	19.40	0	0.00	1.80
1996	0	0	0.00	8.36		0	0.00	20.45	0	0.00	-12.09
1997	1,124	0	0.00	8.11		0	0.00	21.30	0	0.00	-13.19
1998	0	0	0.00	8.11		0	0.00	21.30	0	0.00	-13.19
1999	0	0	0.00	11.45		0	0.00	25.56	0	0.00	-14.12
2000	0	0	0.00	46.99		0	0.00	13.74	0	0.00	33.25
2001	17,698	0	0.00	0.02		796	4.50	4.29	-796	-4.50	-4.27
2002	0	0	0.00	0.00		0	0.00	4.24	0	0.00	-4.24
2003	1,258	0	0.00	0.00		935	74.35	8.62	-935	-74.35	-8.62
2004	30,582	0	0.00	0.00		0	0.00	3.42	0	0.00	-3.42
2005	58,684	0	0.00	0.00		9,159	15.61	9.96	-9,159	-15.61	-9.96
2006	0	0	0.00	0.00		0	0.00	9.96	0	0.00	-9.96
2007	0	0	0.00	0.00		0	0.00	10.06	0	0.00	-10.06
2008	5,849	0	0.00	0.00		3,862	66.03	12.93	-3,862	-66.03	-12.93
2009	481	0	0.00	0.00		196	40.69	13.05	-196	-40.69	-13.05
2010	3,826	0	0.00	0.00		0	0.00	12.63	0	0.00	-12.63
2011	14,858	0	0.00	0.00		0	0.00	12.25	0	0.00	-12.25
2012	302	0	0.00	0.00		0	0.00	12.22	0	0.00	-12.22
2013	527	0	0.00	0.00		0	0.00	11.48	0	0.00	-11.48
2014	0	0	0.00	0.00		0	0.00	15.64	0	0.00	-15.64
2015	2,003	0	0.00	0.00		19	0.96	14.64	-19	-0.96	-14.64
2016	0	0	0.00	0.00		0	0.00	14.64	0	0.00	-14.64
2017	5,500	-144	-2.62	-0.43		696	12.66	14.31	-841	-15.28	-14.75
2018	4,848	328	6.77	0.57		1,721	35.50	8.14	-1,393	-28.73	-7.57
2019	<u>10,976</u>	<u>0</u>	0.00	0.43		<u>2,300</u>	20.96	11.06	<u>-2,300</u>	-20.96	-10.63
	219,461	15,308	6.98			34,166	15.57		-18,858	-8.59	

Net salvage factors have historically been 0% or negative for account 361. A comparison of the life to date and the 10 year average net salvage values shows a -9% life to date rate and -11% 10 year average rate. Since the 10 year averages over the years 2008 and 2019 have been above -11% in most years, I recommend that the current factors be retained using a 0% salvage and 11% removal resulting in a -11% Net Salvage factor.

**Southwestern Electric Power Company
Net Salvage Analysis - Distribution Plant
Depreciation Study as of December 31, 2019**

Account 362 Station Equipment

Year	Retirements	Salvage			Removal			Net Salvg		
		Amount	%	10 Yr. Avg	Amount	%	10 Yr Avg	Amt	%	10 Yr Avg
1984	144,003	9,679	6.72		32,540	22.60		-22,861	-15.88	
1985	265,952	65,157	24.50		58,692	22.07		6,465	2.43	
1986	320,699	123,266	38.44		55,817	17.40		67,449	21.03	
1987	267,006	64,283	24.08		42,311	15.85		21,972	8.23	
1988	590,218	89,581	15.18		135,535	22.96		-45,954	-7.79	
1989	403,480	46,259	11.47		92,378	22.90		-46,119	-11.43	
1990	492,720	40,529	8.23		116,584	23.66		-76,055	-15.44	
1991	568,967	302,157	53.11		116,323	20.44		185,834	32.66	
1992	405,881	21,341	5.26		425,899	104.93		-404,558	-99.67	
1993	620,669	71,789	11.57	20.44	201,250	32.42	31.31	-129,461	-20.86	-10.87
1994	204,339	24,129	11.81	20.50	142,560	69.77	33.51	-118,431	-57.96	-13.02
1995	0	0	0.00	20.22	0	0.00	34.30	0	0.00	-14.08
1996	11,061	3,432	31.03	18.61	7,265	65.68	35.91	-3,833	-34.65	-17.30
1997	104,968	11,136	10.61	17.94	13,909	13.25	36.79	-2,773	-2.64	-18.85
1998	190,514	20,075	10.54	18.01	85,832	45.05	40.03	-65,757	-34.52	-22.02
1999	761,746	12,744	1.67	15.10	107,442	14.10	36.21	-94,698	-12.43	-21.12
2000	352,536	0	0.00	14.49	19,330	5.48	34.77	-19,330	-5.48	-20.28
2001	692,887	0	0.00	4.92	91,611	13.22	32.74	-91,611	-13.22	-27.82
2002	135,203	0	0.00	4.66	91,888	67.96	24.76	-91,888	-67.96	-20.10
2003	159,160	0	0.00	2.74	94,815	59.57	25.06	-94,815	-59.57	-22.32
2004	5,526,356	0	0.00	0.60	264,788	4.79	9.79	-264,788	-4.79	-9.19
2005	2,483,129	0	0.00	0.45	422,779	17.03	11.52	-422,779	-17.03	-11.06
2006	702,254	19,303	2.75	0.57	331,222	47.17	13.72	-311,919	-44.42	-13.15
2007	1,258,304	19,635	1.56	0.59	395,775	31.45	15.54	-376,140	-29.89	-14.95
2008	3,150,391	20,653	0.66	0.48	386,612	12.27	14.49	-365,960	-11.62	-14.02
2009	1,573,965	28,845	1.83	0.55	613,750	38.99	16.92	-584,905	-37.16	-16.37
2010	1,259,588	75,356	5.98	0.97	229,036	18.18	17.25	-153,680	-12.20	-16.28
2011	1,541,444	79,136	5.13	1.37	448,094	29.07	18.43	-368,958	-23.94	-17.07
2012	3,414,079	142,437	4.17	1.83	682,892	20.00	18.37	-540,455	-15.83	-16.54
2013	2,181,229	220,431	10.11	2.62	414,004	18.98	18.14	-193,573	-8.87	-15.52
2014	1,846,456	321,373	17.40	4.78	479,978	25.99	22.69	-158,604	-8.59	-17.91
2015	1,668,495	103,890	6.23	5.54	342,399	20.52	23.25	-238,509	-14.29	-17.71
2016	1,280,289	56,752	4.43	5.57	576,622	45.04	23.83	-519,870	-40.61	-18.26
2017	2,836,069	31,864	1.12	5.21	505,353	17.82	22.55	-473,489	-16.70	-17.34
2018	3,371,697	449,668	13.34	7.20	686,911	20.37	23.74	-237,243	-7.04	-16.54
2019	<u>1,124,473</u>	<u>6,667</u>	<u>0.59</u>	<u>7.25</u>	<u>483,655</u>	<u>43.01</u>	<u>23.63</u>	<u>-476,989</u>	<u>-42.42</u>	<u>-16.38</u>
	41,910,228	2,481,569	5.92		9,195,852	21.94		-6,714,283	-16.02	

Net salvage factors have historically been negative for account 362. A comparison of the life to date and the 10 year average net salvage values indicates consistent values around -14% to -18%. The life to date net salvage percentage of -16% is the same as the currently approved rate. I recommend that the -16% Net Salvage factor be retained while updating the salvage rate to 6% and the removal rate to 22%.

**Southwestern Electric Power Company
Net Salvage Analysis - Distribution Plant
Depreciation Study as of December 31, 2019**

Account 364 Poles, Towers and Fixtures

Year	Retirements	Salvage			Removal			Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
		Amount	%	10 Yr. Avg	Amount	%	10 Yr Avg			
1984	789,511	266,882	33.80		493,852	62.55		-226,970	-28.75	
1985	832,836	243,426	29.23		526,787	63.25		-283,361	-34.02	
1986	738,315	225,302	30.52		460,006	62.30		-234,704	-31.79	
1987	731,172	225,120	30.79		468,080	64.02		-242,960	-33.23	
1988	1,560,331	1,184,682	75.93		511,228	32.76		673,454	43.16	
1989	874,678	176,410	20.17		584,525	66.83		-408,115	-46.66	
1990	967,908	228,337	23.59		696,954	72.01		-468,617	-48.42	
1991	1,229,133	405,642	33.00		751,290	61.12		-345,648	-28.12	
1992	1,178,933	399,425	33.88		850,729	72.16		-451,304	-38.28	
1993	1,192,319	282,183	23.67	36.03	1,098,526	92.13	63.81	-816,343	-68.47	-27.78
1994	1,010,619	130,178	12.88	33.93	808,133	79.96	65.49	-677,955	-67.08	-31.56
1995	121,363	1,200	0.99	33.93	13,576	11.19	65.00	-12,376	-10.20	-31.07
1996	1,042,146	275,093	26.40	33.39	993,642	95.35	68.39	-718,549	-68.95	-35.00
1997	2,147,587	82,776	3.85	27.96	1,220,650	56.84	66.48	-1,137,874	-52.98	-38.53
1998	924,704	35,678	3.86	18.87	123,844	13.39	66.81	-88,166	-9.53	-47.94
1999	2,173,180	119,190	5.48	16.35	62,542	2.88	55.22	56,648	2.61	-38.87
2000	1,273,300	81,553	6.40	14.75	194,939	15.31	49.77	-113,386	-8.90	-35.02
2001	780,784	29,647	3.80	12.13	79,931	10.24	45.98	-50,284	-6.44	-33.85
2002	1,228,499	1,250,240	101.77	19.23	1,113,992	90.68	48.00	136,248	11.09	-28.77
2003	6,254,856	53,798	0.86	12.14	959,312	15.34	32.85	-905,514	-14.48	-20.71
2004	2,010,716	25,634	1.27	10.89	1,263,483	62.84	33.56	-1,237,850	-61.56	-22.67
2005	3,460,451	94,532	2.73	9.62	1,672,983	48.35	36.09	-1,578,451	-45.61	-26.47
2006	1,470,805	285,287	19.40	9.47	926,370	62.98	35.07	-641,083	-43.59	-25.59
2007	2,646,838	675,093	25.51	11.93	2,553,817	96.49	40.28	-1,878,723	-70.98	-28.35
2008	2,417,447	103,518	4.28	11.46	2,842,043	117.56	49.20	-2,738,525	-113.28	-37.74
2009	2,413,594	91,086	3.77	11.23	2,284,252	94.64	57.98	-2,193,166	-90.87	-46.75
2010	1,276,866	52,052	4.08	11.11	957,727	75.01	61.16	-905,675	-70.93	-50.05
2011	970,925	42,232	4.35	11.07	1,706,904	175.80	67.41	-1,664,672	-171.45	-56.34
2012	1,465,156	115,625	7.89	6.31	2,196,120	149.89	71.20	-2,080,495	-142.00	-64.89
2013	1,520,204	41,985	2.76	7.77	2,361,084	155.31	95.48	-2,319,099	-152.55	-87.71
2014	1,763,424	25,078	1.42	7.87	1,726,273	97.89	99.08	-1,701,195	-96.47	-91.22
2015	1,672,295	25,341	1.52	8.27	1,825,876	109.18	110.01	-1,800,535	-107.67	-101.73
2016	2,985,506	203,391	6.81	7.19	2,292,204	76.78	108.44	-2,088,813	-69.97	-101.25
2017	3,852,022	51,066	1.33	3.69	5,043,776	130.94	114.25	-4,992,710	-129.61	-110.56
2018	4,170,607	61,764	1.48	3.21	3,716,623	89.11	109.15	-3,654,860	-87.63	-105.93
2019	<u>4,109,210</u>	<u>48,586</u>	<u>1.18</u>	<u>2.80</u>	<u>4,409,878</u>	<u>107.32</u>	<u>110.30</u>	<u>-4,361,292</u>	<u>-106.13</u>	<u>-107.50</u>
	65,258,239	7,639,032	11.71		49,791,951	76.30		-42,152,920	-64.59	

Net Salvage factors have historically been negative for account 364 and have continued to increase in recent years. Based on the above analysis, the net salvage parameters should be changed using a gross salvage factor of 12% and a 76% gross removal yielding an -64% net salvage.

**Southwestern Electric Power Company
Net Salvage Analysis - Distribution Plant
Depreciation Study as of December 31, 2019**

Account 365 Overhead Conductors and Devices

Year	Retirements	Salvage			Removal			Net Salvg Amt	Net Salvg	
		Amount	%	10 Yr. Avg	Amount	%	10 Yr Avg		%	10 Yr Avg
1984	680,954	271,463	39.87		440,020	64.62		-168,557	-24.75	
1985	622,578	183,381	29.46		404,972	65.05		-221,591	-35.59	
1986	591,088	157,091	26.58		334,952	56.67		-177,861	-30.09	
1987	558,451	174,870	31.31		344,400	61.67		-169,530	-30.36	
1988	588,335	145,648	24.76		343,203	58.33		-197,555	-33.58	
1989	686,281	145,719	21.23		417,599	60.85		-271,880	-39.62	
1990	840,122	302,799	36.04		537,071	63.93		-234,272	-27.89	
1991	803,871	151,070	18.79		546,724	68.01		-395,654	-49.22	
1992	685,524	174,884	25.51		599,306	87.42		-424,422	-61.91	
1993	909,955	176,692	19.42	27.04	787,403	86.53	68.26	-610,711	-67.11	-41.22
1994	716,914	71,019	9.91	24.03	519,780	72.50	69.05	-448,761	-62.60	-45.01
1995	1,505,028	9,620	0.64	19.14	138,532	9.20	57.94	-128,912	-8.57	-38.80
1996	3,059,596	148,347	4.85	14.49	1,502,074	49.09	55.40	-1,353,727	-44.25	-40.91
1997	3,797,621	413,909	10.90	12.80	2,676,493	70.48	59.35	-2,262,584	-59.58	-46.56
1998	1,088,230	28,107	2.58	11.51	145,732	13.39	55.85	-117,625	-10.81	-44.34
1999	2,716,405	307,356	11.31	11.06	78,211	2.88	46.71	229,146	8.44	-35.65
2000	2,103,457	165,918	7.89	9.47	319,978	15.21	42.07	-154,060	-7.32	-32.60
2001	1,401,790	184,649	13.17	9.34	143,219	10.22	38.43	41,431	2.96	-29.08
2002	3,206,860	3,867	0.12	7.36	398,448	12.42	32.72	-394,580	-12.30	-25.36
2003	1,013,402	40,368	3.98	6.66	404,944	39.96	30.70	-364,576	-35.98	-24.04
2004	1,619,104	32,873	2.03	6.21	987,490	60.99	31.59	-954,618	-58.96	-25.38
2005	2,708,245	122	0.00	5.84	553,520	20.44	31.74	-553,398	-20.43	-25.91
2006	1,691,505	40,146	2.37	5.70	767,445	45.37	30.33	-727,300	-43.00	-24.63
2007	4,831,866	282,360	5.84	4.85	1,521,957	31.50	23.77	-1,239,597	-25.65	-18.92
2008	4,399,538	78,591	1.79	4.42	1,769,668	40.22	27.03	-1,691,077	-38.44	-22.61
2009	4,655,960	46,052	0.99	3.17	3,043,048	65.36	35.86	-2,996,996	-64.37	-32.70
2010	2,746,130	40,291	1.47	2.65	1,081,456	39.38	37.74	-1,041,165	-37.91	-35.09
2011	2,649,984	81,379	3.07	2.19	1,256,764	47.43	39.92	-1,175,385	-44.35	-37.73
2012	3,969,739	7,393	0.19	2.14	2,144,657	54.03	44.68	-2,137,263	-53.84	-42.53
2013	3,110,495	41,550	1.34	2.01	1,821,754	58.57	46.16	-1,780,204	-57.23	-44.15
2014	4,071,891	35,194	0.86	1.87	1,493,694	36.68	44.36	-1,458,500	-35.82	-42.49
2015	2,896,039	39,462	1.36	1.98	1,553,167	53.63	46.98	-1,513,705	-52.27	-45.00
2016	3,522,618	144,842	4.11	2.16	1,393,888	39.57	46.34	-1,249,046	-35.46	-44.18
2017	3,640,742	38,224	1.05	1.55	2,144,300	58.90	49.64	-2,106,076	-57.85	-48.09
2018	4,115,586	74,165	1.80	1.55	1,756,997	42.69	50.00	-1,682,832	-40.89	-48.45
2019	<u>4,457,366</u>	<u>35,994</u>	0.81	1.53	<u>2,563,586</u>	57.51	48.92	<u>-2,527,592</u>	-56.71	-47.39
	82,663,269	4,275,416	5.17		36,936,450	44.68		-32,661,034	-39.51	

Net Salvage factors have historically been negative for account 365. Based on the above analysis, the net salvage parameters should be changed using a gross salvage factor of 5% and a 45% gross removal yielding an -40% net salvage

**Southwestern Electric Power Company
Net Salvage Analysis - Distribution Plant
Depreciation Study as of December 31, 2019**

Account 366 Underground Conduit

Year	Retirements	Salvage			Removal			Net Salvg		
		Amount	%	10 Yr. Avg	Amount	%	10 Yr Avg	Amt	%	10 Yr Avg
1984	30,532	0	0.00		0	0.00		0	0.00	
1985	4,320	1,289	29.84		2,103	48.68		-814	-18.84	
1986	6,298	1,477	23.45		2,825	44.86		-1,348	-21.40	
1987	5,640	2,352	41.70		2,434	43.16		-82	-1.45	
1988	22,444	4,586	20.43		2,819	12.56		1,767	7.87	
1989	12,251	6,235	50.89		4,654	37.99		1,581	12.91	
1990	6,396	595	9.30		1,561	24.41		-966	-15.10	
1991	4,589	1,817	39.59		841	18.33		976	21.27	
1992	35,016	1,920	5.48		8,898	25.41		-6,978	-19.93	
1993	14,822	6,222	41.98	18.62	9,828	66.31	25.27	-3,606	-24.33	-6.65
1994	14,825	4,396	29.65	24.40	4,677	31.55	32.10	-281	-1.90	-7.70
1995	378	16	4.23	24.15	306	80.95	31.67	-290	-76.72	-7.52
1996	16,696	1,274	7.63	22.11	29,161	174.66	48.99	-27,887	-167.03	-26.88
1997	20,472	889	4.34	18.90	15,425	75.35	52.86	-14,536	-71.00	-33.96
1998	8,876	406	4.57	17.70	1,181	13.31	56.98	-775	-8.73	-39.28
1999	71,435	35,125	49.17	27.21	2,582	3.62	38.48	32,542	45.56	-11.27
2000	63,772	12,262	19.23	25.64	6,687	10.48	31.72	5,575	8.74	-6.08
2001	14,872	1,628	10.95	24.56	2,601	17.49	31.15	-973	-6.54	-6.59
2002	2,030	0	0.00	27.27	1,381	68.02	32.36	-1,381	-68.02	-5.09
2003	54,798	5,363	9.79	22.88	49,375	90.10	42.28	-44,013	-80.32	-19.40
2004	88,000	3,597	4.09	17.74	37,430	42.53	42.81	-33,833	-38.45	-25.07
2005	3,654	0	0.00	17.57	13,490	369.24	46.23	-13,490	-369.24	-28.66
2006	31,170	500	1.61	16.65	34,345	110.19	45.81	-33,845	-108.58	-29.17
2007	16,082	581	3.61	16.76	33,122	205.96	51.37	-32,542	-202.35	-34.60
2008	10,653	1,659	15.57	17.03	49,007	460.02	64.53	-47,348	-444.45	-47.50
2009	24,150	878	3.64	8.56	112,119	464.26	109.83	-111,240	-460.63	-101.26
2010	5,488	332	6.04	5.79	23,935	436.15	142.21	-23,603	-430.11	-136.42
2011	16,801	1,672	9.95	5.77	40,056	238.42	155.94	-38,384	-228.46	-150.18
2012	31,865	1,634	5.13	5.74	57,115	179.24	159.20	-55,480	-174.11	-153.46
2013	12,709	605	4.76	4.76	46,371	364.86	185.80	-45,765	-360.10	-181.04
2014	16,283	359	2.20	4.87	42,165	258.96	267.52	-41,807	-256.75	-262.66
2015	10,844	3,388	31.24	6.59	45,484	419.44	274.77	-42,096	-388.20	-268.18
2016	8,969	2,255	25.14	8.69	45,769	510.28	321.85	-43,515	-485.15	-313.16
2017	4,925	1,651	33.53	10.12	47,492	964.29	357.08	-45,841	-930.76	-346.97
2018	38,965	6,694	17.18	11.39	72,625	186.39	311.78	-65,930	-169.21	-300.39
2019	<u>12,059</u>	<u>692</u>	5.74	12.13	<u>97,653</u>	809.81	326.39	<u>-96,961</u>	-804.06	-314.26
	743,077	114,349	15.39		947,519	127.51		-833,170	-112.12	

Net Salvage factors have historically been negative for account 366. Since underground conduit is retired in place, the removal and salvage components reflected in the analysis are not indicative of actual practice. Interviews with operations personnel confirm this. The net salvage parameters should continue to use a gross salvage factor of 0% and a 0% gross removal yielding an 0% net salvage.

**Southwestern Electric Power Company
Net Salvage Analysis - Distribution Plant
Depreciation Study as of December 31, 2019**

Account 367 Underground Conductors and Devices

Year	Retirements	Salvage			Removal			Net Salvg		
		Amount	%	10 Yr. Avg	Amount	%	10 Yr Avg	Amt	%	10 Yr Avg
1984	141,989	52,684	37.10		67,248	47.36		-14,564	-10.26	
1985	139,618	38,683	27.71		73,571	52.69		-34,888	-24.99	
1986	152,944	40,715	26.62		82,211	53.75		-41,496	-27.13	
1987	126,441	38,916	30.78		64,086	50.68		-25,170	-19.91	
1988	191,410	72,313	37.78		89,921	46.98		-17,608	-9.20	
1989	177,879	30,493	17.14		101,447	57.03		-70,954	-39.89	
1990	196,392	46,865	23.86		105,726	53.83		-58,861	-29.97	
1991	258,989	40,347	15.58		132,467	51.15		-92,120	-35.57	
1992	257,470	56,622	21.99		152,219	59.12		-95,597	-37.13	
1993	375,184	74,747	19.92	24.40	250,429	66.75	55.46	-175,682	-46.83	-31.06
1994	219,590	29,640	13.50	22.39	125,879	57.32	56.20	-96,239	-43.83	-33.81
1995	124,987	109	0.09	20.70	3,838	3.07	53.25	-3,729	-2.98	-32.55
1996	194,982	15,511	7.96	19.10	224,765	115.27	58.91	-209,254	-107.32	-39.81
1997	792,536	24,066	3.04	14.01	316,458	39.93	53.89	-292,392	-36.89	-39.88
1998	396,522	11,665	2.94	11.02	53,048	13.38	48.97	-41,383	-10.44	-37.94
1999	744,862	161,163	21.64	12.94	23,519	3.16	38.98	137,643	18.48	-26.05
2000	716,686	89,085	12.43	12.32	99,323	13.86	33.86	-10,238	-1.43	-21.53
2001	350,340	12,033	3.43	11.37	34,969	9.98	30.78	-22,936	-6.55	-19.41
2002	759,177	0	0.00	8.94	1,835	0.24	24.26	-1,835	-0.24	-15.32
2003	2,165,882	2,018	0.09	5.34	245,663	11.34	17.47	-243,645	-11.25	-12.13
2004	1,652,471	4,188	0.25	4.05	111,358	6.74	14.11	-107,170	-6.49	-10.06
2005	357,838	13	0.00	3.93	66,092	18.47	14.48	-66,079	-18.47	-10.54
2006	285,477	1,452	0.51	3.72	90,070	31.55	12.68	-88,618	-31.04	-8.96
2007	532,881	794	0.15	3.55	99,916	18.75	10.37	-99,122	-18.60	-6.82
2008	662,258	2,068	0.31	3.32	151,140	22.82	11.23	-149,072	-22.51	-7.91
2009	965,233	10,319	1.07	1.44	170,278	17.64	12.67	-159,959	-16.57	-11.23
2010	615,905	3,267	0.53	0.43	79,833	12.96	12.59	-76,566	-12.43	-12.16
2011	879,405	1,767	0.20	0.29	137,518	15.64	13.00	-135,751	-15.44	-12.71
2012	962,634	-6,070	-0.63	0.22	181,987	18.91	14.69	-188,057	-19.54	-14.47
2013	1,187,444	4,374	0.37	0.27	131,265	11.05	15.05	-126,891	-10.69	-14.78
2014	938,231	1,393	0.15	0.26	110,584	11.79	16.50	-109,191	-11.64	-16.23
2015	1,142,117	6,269	0.55	0.31	232,522	20.36	16.95	-226,253	-19.81	-16.64
2016	1,195,279	5,786	0.48	0.33	259,192	21.68	17.11	-253,406	-21.20	-16.78
2017	651,070	3,623	0.56	0.36	160,381	24.63	17.55	-156,758	-24.08	-17.20
2018	679,704	8,744	1.29	0.43	208,117	30.62	18.14	-199,373	-29.33	-17.71
2019	<u>1,290,497</u>	<u>509</u>	<u>0.04</u>	<u>0.31</u>	<u>245,104</u>	<u>18.99</u>	<u>18.30</u>	<u>-244,595</u>	<u>-18.95</u>	<u>-17.99</u>
	22,482,323	886,171	3.94		4,683,978	20.83		-3,797,807	-16.89	

Net Salvage factors have historically been negative for account 367. Based on the above analysis, the net salvage parameters should be changed using a gross salvage factor of 4% and a 21% gross removal yielding an -17% net salvage.

**Southwestern Electric Power Company
Net Salvage Analysis - Distribution Plant
Depreciation Study as of December 31, 2019**

Account 368 Line Transformers

Year	Retirements	Salvage			Removal			Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
		Salvage Amount	Salvage %	10 Yr. Avg	Amount	%	10 Yr Avg			
1984	699,554	187,391	26.79		183,089	26.17		4,302	0.61	
1985	985,469	173,119	17.57		195,260	19.81		-22,141	-2.25	
1986	923,887	187,862	20.33		181,581	19.65		6,281	0.68	
1987	1,037,774	181,500	17.49		213,695	20.59		-32,195	-3.10	
1988	923,072	66,754	7.23		171,206	18.55		-104,452	-11.32	
1989	813,143	85,599	10.53		195,703	24.07		-110,104	-13.54	
1990	1,371,546	179,906	13.12		227,972	16.62		-48,066	-3.50	
1991	1,485,914	116,067	7.81		228,550	15.38		-112,483	-7.57	
1992	1,047,628	110,555	10.55		260,581	24.87		-150,026	-14.32	
1993	1,001,102	59,002	5.89	13.10	317,191	31.68	21.14	-258,189	-25.79	-8.04
1994	242,237	27,369	11.30	12.08	166,656	68.80	21.95	-139,287	-57.50	-9.87
1995	17,821	245	1.37	11.45	4,262	23.92	22.20	-4,017	-22.54	-10.75
1996	145,618	11,364	7.80	10.37	163,531	112.30	24.11	-152,167	-104.50	-13.74
1997	3,446,214	69,766	2.02	6.92	1,096,333	31.81	26.99	-1,026,567	-29.79	-20.06
1998	749,181	37,653	5.03	6.76	100,362	13.40	26.75	-62,709	-8.37	-20.00
1999	4,944,039	59,636	1.21	4.65	144,271	2.92	18.75	-84,635	-1.71	-14.10
2000	2,539,660	12,066	0.48	3.23	381,200	15.01	18.33	-369,134	-14.53	-15.10
2001	2,556,210	271,894	10.64	3.95	260,288	10.18	17.34	11,607	0.45	-13.39
2002	6,777,580	67,570	1.00	2.75	594,609	8.77	14.40	-527,039	-7.78	-11.65
2003	6,299,368	86,756	1.38	2.32	1,101,533	17.49	14.48	-1,014,777	-16.11	-12.15
2004	4,462,284	140,796	3.16	2.37	433,004	9.70	13.40	-292,208	-6.55	-11.03
2005	3,241,269	39	0.00	2.15	193,375	5.97	12.71	-193,336	-5.96	-10.55
2006	2,657,796	444,310	16.72	3.16	393,613	14.81	12.47	50,696	1.91	-9.31
2007	4,836,013	613,966	12.70	4.44	780,169	16.13	11.22	-166,203	-3.44	-6.78
2008	4,183,530	814,976	19.48	5.91	274,460	6.56	10.72	540,515	12.92	-4.81
2009	4,064,229	724,967	17.84	7.63	1,167,303	28.72	13.41	-442,336	-10.88	-5.77
2010	4,614,417	1,053,745	22.84	9.66	805,243	17.45	13.74	248,503	5.39	-4.08
2011	4,007,185	1,102,295	27.51	11.19	632,703	15.79	14.12	469,592	11.72	-2.94
2012	6,199,430	886,825	14.30	13.17	1,195,159	19.28	15.65	-308,334	-4.97	-2.49
2013	3,718,980	1,235,177	33.21	16.71	1,137,449	30.58	16.70	97,727	2.63	0.01
2014	4,203,112	1,072,952	25.53	19.05	1,281,660	30.49	18.84	-208,708	-4.97	0.21
2015	4,002,333	412,755	10.31	19.68	965,512	24.12	20.32	-552,757	-13.81	-0.64
2016	8,819,245	318,305	3.61	16.93	2,576,308	29.21	22.23	-2,258,003	-25.60	-5.30
2017	11,241,717	276,331	2.46	14.35	2,674,355	23.79	23.09	-2,398,024	-21.33	-8.74
2018	8,477,857	284,331	3.35	12.41	1,848,375	21.80	24.07	-1,564,043	-18.45	-11.65
2019	<u>9,234,887</u>	<u>274,319</u>	<u>2.97</u>	<u>10.72</u>	<u>2,307,034</u>	<u>24.98</u>	<u>23.91</u>	<u>-2,032,714</u>	<u>-22.01</u>	<u>-13.18</u>
	125,971,303	11,648,164	9.25		24,853,594	19.73		-13,205,429	-10.48	

Net Salvage factors have historically been negative for account 368 and have increased in the last 5 years. Based on the above analysis, the net salvage parameters should be changed to use a gross salvage factor of 9% and a 19% gross removal yielding an - 10% net salvage

**Southwestern Electric Power Company
Net Salvage Analysis - Distribution Plant
Depreciation Study as of December 31, 2019**

Account 369 Services

Year	Retirements	Salvage			Removal			Net Salvg		
		Amount	%	10 Yr. Avg	Amount	%	10 Yr Avg	Amt	%	10 Yr Avg
1984	161,436	47,543	29.45		75,897	47.01		-28,354	-17.56	
1985	129,094	37,576	29.11		73,196	56.70		-35,620	-27.59	
1986	99,859	30,555	30.60		60,672	60.76		-30,117	-30.16	
1987	112,134	29,416	26.23		72,626	64.77		-43,210	-38.53	
1988	96,519	20,160	20.89		59,744	61.90		-39,584	-41.01	
1989	89,040	15,783	17.73		61,429	68.99		-45,646	-51.26	
1990	110,349	15,482	14.03		58,302	52.83		-42,820	-38.80	
1991	84,285	15,760	18.70		67,793	80.43		-52,033	-61.73	
1992	110,904	20,918	18.86		95,906	86.48		-74,988	-67.62	
1993	89,342	15,568	17.43	22.97	86,334	96.63	65.74	-70,766	-79.21	-42.77
1994	67,919	8,055	11.86	21.15	55,883	82.28	69.93	-47,828	-70.42	-48.78
1995	22,037	166	0.75	19.48	7,145	32.42	70.93	-6,979	-31.67	-51.45
1996	0	0	0.00	18.06	0	0.00	72.22	0	0.00	-54.16
1997	160,375	3,123	1.95	13.84	1,423,566	887.65	230.64	-1,420,443	-885.70	-216.80
1998	8,932	100	1.12	12.78	1,195	13.38	249.95	-1,095	-12.26	-237.17
1999	268,035	1,399	0.52	8.74	7,843	2.93	195.62	-6,443	-2.40	-186.88
2000	44,366	5	0.01	7.60	6,632	14.95	204.66	-6,626	-14.94	-197.06
2001	74,753	106	0.14	5.84	7,612	10.18	199.86	-7,506	-10.04	-194.02
2002	2,734	0	0.00	3.86	36	1.31	216.15	-36	-1.31	-212.29
2003	20,911	2,338	11.18	2.28	11,080	52.98	226.99	-8,742	-41.80	-224.71
2004	2,435	1,445	59.34	1.44	77,643	3189.23	255.18	-76,198	-3129.89	-253.74
2005	114,611	3	0.00	1.22	69,260	60.43	230.20	-69,257	-60.43	-228.98
2006	301,248	90	0.03	0.86	182,450	60.56	179.02	-182,360	-60.53	-178.16
2007	441,580	479	0.11	0.47	215,521	48.81	45.27	-215,042	-48.70	-44.80
2008	718,775	1,117	0.16	0.35	238,999	33.25	41.07	-237,882	-33.10	-40.72
2009	166,206	159	0.10	0.30	132,756	79.87	49.90	-132,597	-79.78	-49.60
2010	85,052	1,118	1.31	0.36	129,688	152.48	55.23	-128,570	-151.17	-54.88
2011	70,049	380	0.54	0.37	119,486	170.58	61.18	-119,106	-170.03	-60.81
2012	77,572	268	0.35	0.37	295,537	380.98	73.68	-295,269	-380.64	-73.31
2013	646,655	223	0.03	0.20	359,115	55.53	69.37	-358,892	-55.50	-69.17
2014	263,698	174	0.07	0.14	245,417	93.07	68.91	-245,243	-93.00	-68.77
2015	216,874	149	0.07	0.14	288,004	132.80	73.87	-287,854	-132.73	-73.73
2016	242,642	1,922	0.79	0.20	600,835	247.62	89.63	-598,913	-246.83	-89.43
2017	308,331	358	0.12	0.21	483,453	156.80	103.49	-483,094	-156.68	-103.28
2018	203,929	235	0.12	0.22	473,987	232.43	137.14	-473,752	-232.31	-136.93
2019	<u>185,967</u>	<u>18</u>	<u>0.01</u>	<u>0.21</u>	<u>441,429</u>	<u>237.37</u>	<u>149.38</u>	<u>-441,411</u>	<u>-237.36</u>	<u>-149.17</u>
	5,798,647	272,191	4.69		6,586,468	113.59		-6,314,277	-108.89	

Net Salvage factors have historically been negative for account 369 and have been increasing. Over the last few years the cost of removal has exceeded the retirements. I recommend that the net salvage parameters be retained using a gross salvage factor of 0% and a 74% gross removal yielding a -74% net salvage

**Southwestern Electric Power Company
Net Salvage Analysis - Distribution Plant
Depreciation Study as of December 31, 2019**

Account 370 Meters

Year	Retirements	Salvage			10 Yr. Avg	Removal			Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
		Amount	Salvage %	10 Yr. Avg		Amount	Removal %	Removal 10 Yr Avg			
1984	346,810	14,826	4.27			36,809	10.61		-21,983	-6.34	
1985	268,059	11,582	4.32			22,328	8.33		-10,746	-4.01	
1986	359,616	8,518	2.37			29,659	8.25		-21,141	-5.88	
1987	497,593	7,336	1.47			37,058	7.45		-29,722	-5.97	
1988	509,522	9,801	1.92			38,917	7.64		-29,116	-5.71	
1989	448,956	6,060	1.35			40,497	9.02		-34,437	-7.67	
1990	550,432	13,757	2.50			44,997	8.17		-31,240	-5.68	
1991	576,243	11,864	2.06			50,296	8.73		-38,432	-6.67	
1992	640,660	5,666	0.88			47,785	7.46		-42,119	-6.57	
1993	819,866	6,108	0.74	1.90		71,888	8.77	8.37	-65,780	-8.02	-6.47
1994	25,417	2,310	9.09	1.77		15,610	61.42	8.50	-13,300	-52.33	-6.73
1995	0	0	0.00	1.61		0	0.00	8.51	0	0.00	-6.89
1996	0	0	0.00	1.55		0	0.00	8.53	0	0.00	-6.98
1997	1,094,651	345	0.03	1.20		868,630	79.35	25.26	-868,285	-79.32	-24.06
1998	4,983	210	4.20	1.11		666	13.37	27.40	-457	-9.16	-26.29
1999	3,044,419	35,514	1.17	1.12		89,078	2.93	17.60	-53,563	-1.76	-16.48
2000	1,736,671	212	0.01	0.78		259,332	14.93	17.67	-259,121	-14.92	-16.88
2001	2,034,479	2,878	0.14	0.57		207,169	10.18	16.60	-204,291	-10.04	-16.03
2002	909,863	0	0.00	0.49		553,079	60.79	21.36	-553,079	-60.79	-20.87
2003	1,039,105	0	0.00	0.42		668,663	64.35	26.92	-668,663	-64.35	-26.50
2004	960,085	48,417	5.04	0.81		716,316	74.61	31.07	-667,899	-69.57	-30.26
2005	1,167,487	0	0.00	0.73		786,921	67.40	34.61	-786,921	-67.40	-33.88
2006	1,997,397	46,802	2.34	0.96		1,192,284	59.69	38.19	-1,145,482	-57.35	-37.23
2007	3,731,934	160,138	4.29	1.77		2,631,017	70.50	42.73	-2,470,879	-66.21	-40.96
2008	3,714,523	299,271	8.06	2.92		2,138,655	57.58	45.45	-1,839,384	-49.52	-42.53
2009	3,875,050	917,924	23.69	6.97		1,391,386	35.91	49.82	-473,461	-12.22	-42.85
2010	2,864,793	889,016	31.03	10.61		1,675,030	58.47	53.65	-786,014	-27.44	-43.04
2011	2,328,870	367,781	15.79	12.08		1,572,840	67.54	58.99	-1,205,058	-51.74	-46.91
2012	858,576	1,299,219	151.32	17.87		2,228,768	259.59	66.56	-929,549	-108.27	-48.69
2013	16,707,497	608,746	3.64	12.14		4,883,062	29.23	50.30	-4,274,316	-25.58	-38.16
2014	6,532,783	550,346	8.42	11.74		5,326,995	81.54	54.43	-4,776,649	-73.12	-42.69
2015	19,480,314	264,037	1.36	8.70		3,946,559	20.26	43.46	-3,682,522	-18.90	-34.76
2016	16,263,579	3	0.00	7.02		-1,034,417	-6.36	32.43	1,034,420	6.36	-25.41
2017	1,951,534	115,563	5.92	7.12		-21,771	-1.12	29.64	137,334	7.04	-22.52
2018	1,451,998	100	0.01	6.93		440,453	30.33	28.22	-440,353	-30.33	-21.29
2019	1,332,857	30	0.00	5.87		735,268	55.16	28.31	-735,237	-55.16	-22.44
	100,126,620	5,704,380	5.70			31,691,826	31.65		-25,987,446	-25.95	

Net Salvage factors have historically been negative for account 370. The 10 year average is showing a trend where net salvage is decreasing. I recommend that the net salvage parameters be changed to the life to date values using a gross salvage factor of 6% and a 32% gross removal yielding a -26% net salvage.

**Southwestern Electric Power Company
Net Salvage Analysis - Distribution Plant
Depreciation Study as of December 31, 2019**

Account 371 Installations on Customers' Premises

Year	Retirements	Salvage			Removal			Net Salvg		
		Amount	%	10 Yr. Avg	Amount	%	10 Yr Avg	Amt	%	10 Yr Avg
1984	304,425	93,115	30.59		187,359	61.55		-94,244	-30.96	
1985	339,605	93,604	27.56		192,333	56.63		-98,729	-29.07	
1986	435,152	133,427	30.66		269,732	61.99		-136,305	-31.32	
1987	484,828	123,343	25.44		315,087	64.99		-191,744	-39.55	
1988	578,943	124,794	21.56		360,880	62.33		-236,086	-40.78	
1989	581,592	110,799	19.05		417,354	71.76		-306,555	-52.71	
1990	815,232	151,476	18.58		560,831	68.79		-409,355	-50.21	
1991	740,691	138,400	18.69		599,490	80.94		-461,090	-62.25	
1992	642,776	128,740	20.03		590,212	91.82		-461,472	-71.79	
1993	800,502	139,416	17.42	21.61	780,527	97.50	74.67	-641,111	-80.09	-53.05
1994	291,701	35,125	12.04	20.65	249,842	85.65	75.93	-214,717	-73.61	-55.28
1995	12,559	237	1.89	20.17	4,562	36.32	77.05	-4,325	-34.44	-56.89
1996	313,518	41,604	13.27	18.89	192,757	61.48	77.37	-151,153	-48.21	-58.48
1997	916,564	11,839	1.29	15.50	125,761	13.72	68.18	-113,922	-12.43	-52.68
1998	1,635,356	28,698	1.75	11.65	217,852	13.32	55.39	-189,155	-11.57	-43.74
1999	391,021	14,786	3.78	10.52	11,695	2.99	50.82	3,091	0.79	-40.29
2000	354,609	17,144	4.83	9.12	52,943	14.93	46.33	-35,799	-10.10	-37.21
2001	296,039	4,067	1.37	7.46	30,109	10.17	39.90	-26,043	-8.80	-32.44
2002	444,379	0	0.00	5.37	1,640	0.37	30.56	-1,640	-0.37	-25.20
2003	565,874	4,300	0.76	3.02	164,886	29.14	20.15	-160,587	-28.38	-17.13
2004	381,246	2,034	0.53	2.35	85,981	22.55	16.72	-83,948	-22.02	-14.38
2005	870,935	1,155	0.13	2.04	328,805	37.75	19.65	-327,650	-37.62	-17.62
2006	727,643	999	0.14	1.29	148,265	20.38	17.74	-147,266	-20.24	-16.45
2007	839,952	1,904	0.23	1.15	165,735	19.73	18.56	-163,831	-19.50	-17.41
2008	944,240	3,321	0.35	0.85	187,597	19.87	20.25	-184,276	-19.52	-19.39
2009	996,954	2,622	0.26	0.58	336,438	33.75	23.40	-333,816	-33.48	-22.81
2010	695,275	1,382	0.20	0.32	195,182	28.07	24.32	-193,799	-27.87	-24.00
2011	604,508	2,562	0.42	0.29	199,396	32.98	25.65	-196,835	-32.56	-25.37
2012	648,274	693	0.11	0.29	175,583	27.08	27.33	-174,890	-26.98	-27.04
2013	701,486	4,058	0.58	0.28	239,099	34.08	27.83	-235,041	-33.51	-27.55
2014	824,951	481	0.06	0.24	239,379	29.02	28.21	-238,898	-28.96	-27.96
2015	985,128	1,006	0.10	0.24	296,954	30.14	27.40	-295,948	-30.04	-27.16
2016	1,234,500	2,075	0.17	0.24	479,923	38.88	29.68	-477,848	-38.71	-29.44
2017	1,481,810	1,018	0.07	0.21	390,530	26.35	30.05	-389,512	-26.29	-29.84
2018	1,293,263	2,103	0.16	0.19	313,576	24.25	30.28	-311,473	-24.08	-30.09
2019	<u>1,521,691</u>	<u>963</u>	<u>0.06</u>	<u>0.16</u>	<u>394,947</u>	<u>25.95</u>	<u>29.27</u>	<u>-393,985</u>	<u>-25.89</u>	<u>-29.11</u>
	25,697,222	1,423,289	5.54		9,503,244	36.98		-8,079,955	-31.44	

Net Salvage factors have historically been negative for account 371. Based on the above analysis, the net salvage parameters should be changed to use a gross salvage factor of 6% and a 37% gross removal yielding an -31% net salvage.

**Southwestern Electric Power Company
Net Salvage Analysis - Distribution Plant
Depreciation Study as of December 31, 2019**

Account 373 Street Lighting and Signal Systems

Year	Retirements	Salvage			Removal			Net Salvg		
		Salvage Amount	Salvage %	10 Yr. Avg	Amount	%	10 Yr Avg	Amt	%	10 Yr Avg
1984	294,437	138,306	46.97		123,116	41.81		15,190	5.16	
1985	334,161	107,380	32.13		133,007	39.80		-25,627	-7.67	
1986	286,880	75,681	26.38		160,624	55.99		-84,943	-29.61	
1987	215,977	66,241	30.67		134,951	62.48		-68,710	-31.81	
1988	411,300	97,521	23.71		224,074	54.48		-126,553	-30.77	
1989	321,026	60,752	18.92		216,175	67.34		-155,423	-48.41	
1990	430,228	108,543	25.23		311,616	72.43		-203,073	-47.20	
1991	296,618	54,741	18.46		229,529	77.38		-174,788	-58.93	
1992	241,815	57,603	23.82		212,403	87.84		-154,800	-64.02	
1993	270,390	55,607	20.57	26.50	246,339	91.11	64.19	-190,732	-70.54	-37.69
1994	205,167	17,119	8.34	23.27	115,859	56.47	65.85	-98,740	-48.13	-42.59
1995	381,343	9,187	2.41	19.70	63,175	16.57	62.56	-53,988	-14.16	-42.86
1996	485,209	34,445	7.10	17.24	435,859	89.83	67.20	-401,414	-82.73	-49.96
1997	522,383	25,505	4.88	14.61	314,132	60.13	66.45	-288,627	-55.25	-51.83
1998	311,383	12,682	4.07	12.59	42,918	13.78	63.14	-30,236	-9.71	-50.55
1999	338,467	41,813	12.35	11.98	10,139	3.00	56.90	31,673	9.36	-44.92
2000	357,658	21,018	5.88	9.67	51,282	14.34	50.48	-30,264	-8.46	-40.81
2001	230,743	6,571	2.85	8.42	23,223	10.06	45.31	-16,652	-7.22	-36.89
2002	472,243	0	0.00	6.26	1,711	0.36	36.49	-1,711	-0.36	-30.23
2003	351,997	6,210	1.76	4.77	91,026	25.86	31.43	-84,816	-24.10	-26.66
2004	69,375	520	0.75	4.49	31,601	45.55	30.25	-31,081	-44.80	-25.76
2005	278,964	60	0.02	4.35	81,514	29.22	31.69	-81,454	-29.20	-27.34
2006	364,681	1,132	0.31	3.50	137,891	37.81	23.82	-136,759	-37.50	-20.31
2007	373,258	1,164	0.31	2.90	102,498	27.46	18.22	-101,334	-27.15	-15.33
2008	467,550	2,447	0.52	2.45	152,524	32.62	20.68	-150,076	-32.10	-18.23
2009	438,997	540	0.12	1.16	116,767	26.60	23.20	-116,227	-26.48	-22.03
2010	413,160	6,041	1.46	0.71	209,675	50.75	27.40	-203,634	-49.29	-26.69
2011	413,045	5,944	1.44	0.66	170,181	41.20	30.07	-164,237	-39.76	-29.41
2012	463,291	1,333	0.29	0.70	143,440	30.96	34.04	-142,108	-30.67	-33.34
2013	454,703	4,722	1.04	0.64	161,283	35.47	34.98	-156,561	-34.43	-34.34
2014	543,485	690	0.13	0.57	124,871	22.98	33.26	-124,181	-22.85	-32.69
2015	426,234	1,655	0.39	0.59	159,932	37.52	33.94	-158,276	-37.13	-33.35
2016	550,157	6,985	1.27	0.69	266,604	48.46	35.38	-259,619	-47.19	-34.69
2017	821,542	4,450	0.54	0.70	398,380	48.49	38.13	-393,930	-47.95	-37.44
2018	660,983	4,185	0.63	0.70	198,723	30.06	37.60	-194,538	-29.43	-36.90
2019	<u>867,560</u>	<u>4,718</u>	<u>0.54</u>	<u>0.73</u>	<u>283,203</u>	<u>32.64</u>	<u>37.70</u>	<u>-278,485</u>	<u>-32.10</u>	<u>-36.97</u>
	14,366,409	1,043,512	7.26		5,880,245	40.93		-4,836,733	-33.67	

Net salvage factors have historically been negative for account 373. The analysis above indicates using a 7% gross salvage, a 41% gross removal and a -34% net salvage.

SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
GENERAL PLANT WORK PAPERS

SOUTHWESTERN ELECTRIC POWER COMPANY
Depreciation Study as of December 31, 2015
General Plant

<i>Account</i>	<u>390 STRUCTURES & IMPROVEMENTS</u>	
Depreciable Balance	\$106,506,342	
	<u>Current</u>	<u>Recommended</u>
Average Service Life (Yrs)	55	58
Iowa Curve	L0.5	L0.0
Gross Removal, %	12	10
Gross Salvage, %	9	5
Net Salvage %	-3	-5

Account 390 includes general structures and structure improvements consisting of items like roofing, plumbing and heating systems. The results of the account's life analysis support an L0.0 dispersion with an increase in average service life from 55 years to 58 years.

The salvage analysis indicates a gross salvage rate of 5% with an estimate of 10% gross removal resulting in a -5% net salvage.

SOUTHWESTERN ELECTRIC POWER COMPANY
Depreciation Study as of December 31, 2015
General Plant

<i>Account</i>	<u>391 OFFICE FURNITURE AND EQUIPMENT</u>	
Depreciable Balance	\$9,282,784	
	<u>Current</u>	<u>Recommended</u>
Average Service Life (Yrs)	30	30
Iowa Curve	SQ	SQ
Gross Removal, %	1	0
Gross Salvage, %	2	0
Net Salvage %	1	0

This account consists of office furniture and equipment. In 1996, the company began recording retirements when vintages reach an age of average service life. The average service life for the account was set in the prior depreciation study and there is no compelling reason to change the life in the current study. Use of a square curve "SQ" is appropriate when performing vintage retirements.

A review of salvage and removal costs for this account indicate a gross salvage rate of 0% and a gross removal rate of 0%. This combination yields a net salvage rate of 0%.

SOUTHWESTERN ELECTRIC POWER COMPANY
Depreciation Study as of December 31, 2015
General Plant

<i>Account</i>	<u>391.1 COMPUTERS</u>	
Depreciable Balance	\$45,523	
	<u>Current</u>	<u>Recommended</u>
Average Service Life (Yrs)	7	7
Iowa Curve	SQ	SQ
Gross Removal, %	0	0
Gross Salvage, %	0	0
Net Salvage %	0	0

This account was not included in the prior Depreciation Study.

Account 391.1 contains computers and computer equipment. In 1996, the company began recording retirements when vintages reach an age of average service life. The average service life for the account was set in the prior depreciation study and there is no compelling reason to change the life in the current study. Use of a square curve "SQ" is appropriate when performing vintage retirements.

A review of salvage and removal costs for this account indicate a gross salvage rate of 0% and a gross removal rate of 0%.

SOUTHWESTERN ELECTRIC POWER COMPANY
Depreciation Study as of December 31, 2015
General Plant

<i>Account</i>	<u>392 TRANSPORTATION EQUIPMENT</u>	
Depreciable Balance	\$4,118,518	
	<u>Current</u>	<u>Recommended</u>
Average Service Life (Yrs)	20	20
Iowa Curve	SQ	SQ
Gross Removal, %	0	0
Gross Salvage, %	8	3
Net Salvage %	8	3

Account 392 includes owned automobiles, trucks, trailers and other transportation equipment. In 1996, the company began recording retirements when vintages reach an age of average service life. The average service life for the account was set in the prior depreciation study and there is no compelling reason to change the life in the current study. Use of a square curve "SQ" is appropriate when performing vintage retirements.

A review of salvage and removal costs for this account indicate a change to the gross salvage rate to 3% and continued use of a gross removal rate of 0% yielding a positive net salvage rate of 3%.

SOUTHWESTERN ELECTRIC POWER COMPANY
Depreciation Study as of December 31, 2015
General Plant

<i>Account</i>	<u>393 STORES EQUIPMENT</u>	
Depreciable Balance	\$3,121,778	
	<u>Current</u>	<u>Recommended</u>
Average Service Life (Yrs)	30	30
Iowa Curve	SQ	SQ
Gross Removal, %	4	3
Gross Salvage, %	2	1
Net Salvage %	-2	-2

This account contains property related to stores such as cabinets, shelving materials, ramps and material storage units. In 1996, the company began recording retirements when vintages reach an age of average service life. The average service life for the account was set in the prior depreciation study and there is no compelling reason to change the life in the current study. Use of a square curve "SQ" is appropriate when performing vintage retirements.

A review of salvage and removal costs for this account indicate a gross salvage rate of 1% and a gross removal rate of 3% yielding continued use of a negative net salvage percentage of -2%.

SOUTHWESTERN ELECTRIC POWER COMPANY
Depreciation Study as of December 31, 2015
General Plant

Account **394 TOOLS, SHOP AND GARAGE EQUIPMENT**

Depreciable Balance \$28,793,058

	<u>Current</u>	<u>Recommended</u>
Average Service Life (Yrs)	35	35
Iowa Curve	SQ	SQ
Gross Removal, %	1	1
Gross Salvage, %	0	0
Net Salvage %	-1	-1

Account 394 includes tools used in shops and garages like drills, grinders, mixers, hoists and cranes. In 1996, the company began recording retirements when vintages reach an age of average service life. The average service life for the account was set in the prior depreciation study and there is no compelling reason to change the life in the current study. Use of a square curve "SQ" is appropriate when performing vintage retirements.

A review of salvage and removal costs for this account continues to indicate a gross salvage rate of 0% and a gross removal rate of 1% yielding a negative net salvage percentage of -1%.

SOUTHWESTERN ELECTRIC POWER COMPANY
Depreciation Study as of December 31, 2015
General Plant

<i>Account</i>	<u>395 LABORATORY EQUIPMENT</u>	
Depreciable Balance	\$5,501,275	
	<u>Current</u>	<u>Recommended</u>
Average Service Life (Yrs)	35	35
Iowa Curve	SQ	SQ
Gross Removal, %	2	2
Gross Salvage, %	0	0
Net Salvage %	-2	-2

Property in account 395 consists of laboratory equipment such as testing equipment, centrifuges, and other laboratory devices. In 1996, the company began recording retirements when vintages reach an age of average service life. The average service life for the account was set in the prior depreciation study and there is no compelling reason to change the life in the current study. Use of a square curve "SQ" is appropriate when performing vintage retirements.

A review of salvage and removal costs for this account continues to indicate a gross salvage rate of 0% and a gross removal rate of 2% yielding a negative net salvage percentage of -2%.

SOUTHWESTERN ELECTRIC POWER COMPANY
Depreciation Study as of December 31, 2015
General Plant

<i>Account</i>	<u>396 POWER OPERATED EQUIPMENT</u>	
Depreciable Balance	\$698,227	
	<u>Current</u>	<u>Recommended</u>
Average Service Life (Yrs)	20	20
Iowa Curve	SQ	SQ
Gross Removal, %	0	0
Gross Salvage, %	2	2
Net Salvage %	2	2

Account 396 is used to capitalize equipment such as bulldozers, forklifts, and tractors. In 1996, the company began recording retirements when vintages reach an age of average service life. The average service life for the account was set in the prior depreciation study and there is no compelling reason to change the life in the current study. Use of a square curve "SQ" is appropriate when performing vintage retirements.

A review of salvage and removal costs for this account continues to indicate a gross salvage rate of 2% and a gross removal rate of 0% yielding a positive net salvage percentage of 2%.

SOUTHWESTERN ELECTRIC POWER COMPANY
Depreciation Study as of December 31, 2015
General Plant

<i>Account</i>	<u>397 COMMUNICATION EQUIPMENT</u>	
Depreciable Balance	\$43,330,733	
	<u>Current</u>	<u>Recommended</u>
Average Service Life (Yrs)	20	20
Iowa Curve	SQ	SQ
Gross Removal, %	0	0
Gross Salvage, %	2	0
Net Salvage %	2	0

This account contains communication equipment such as towers, antennae, and mobile radio equipment. In 1996, the company began recording retirements when vintages reach an age of average service life. The average service life for the account was set in the prior depreciation study and there is no compelling reason to change the life in the current study. Use of a square curve "SQ" is appropriate when performing vintage retirements.

A review of salvage and removal costs for this account indicate a gross salvage rate of 0% and a gross removal rate of 0% yielding a net salvage percentage of 0%.

SOUTHWESTERN ELECTRIC POWER COMPANY
Depreciation Study as of December 31, 2015
General Plant

<i>Account</i>	<u>398 MISCELLANEOUS EQUIPMENT</u>	
Depreciable Balance	\$2,423,516	
	<u>Current</u>	<u>Recommended</u>
Average Service Life (Yrs)	20	20
Iowa Curve	SQ	SQ
Gross Removal, %	0	0
Gross Salvage, %	1	0
Net Salvage %	1	0

The property in account 398 contains equipment such as fire extinguishers and kitchen equipment. In 1996, the company began recording retirements when vintages reach an age of average service life. The average service life for the account was set in the prior depreciation study and there is no compelling reason to change the life in the current study. Use of a square curve "SQ" is appropriate when performing vintage retirements.

A review of salvage and removal costs for this account indicate a gross salvage rate of 0% and a gross removal rate of 0% yielding a net salvage percentage of 0%.

SOUTHWESTERN ELECTRIC POWER COMPANY
Depreciation Study as of December 31, 2015
General Plant

Account **399 OTHER TANGIBLE PROPERTY**

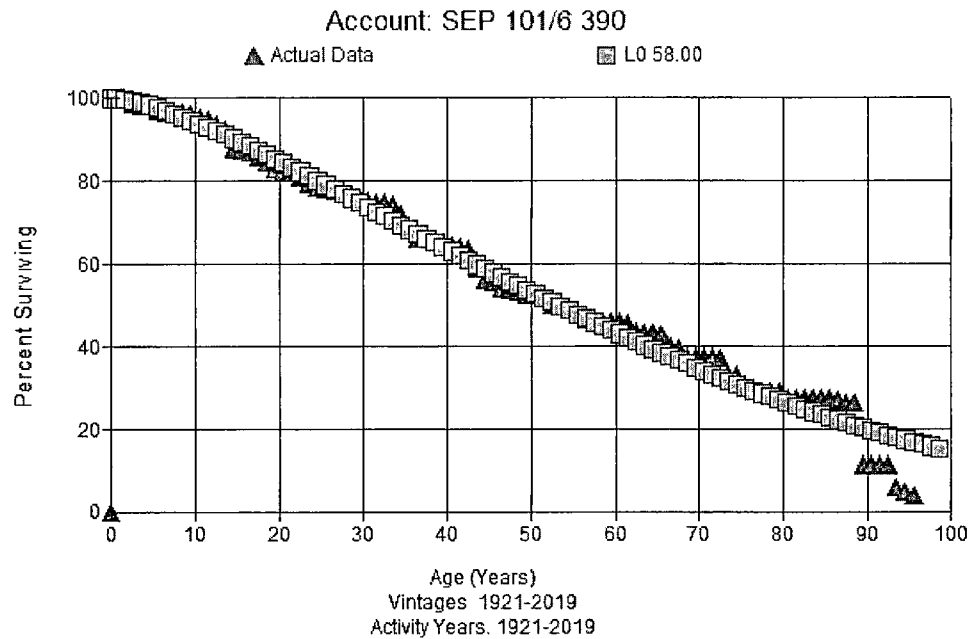
ALLIANCE RAILCAR MAINTENANCE FACILITY

Depreciable Balance	\$5,849,342	
	<u>Current</u>	<u>Recommended</u>
Welsh Unit 3 Estimated Retirement Year	2042	2042
Remaining Life	26.5	22.5
Gross Removal, %	0	0
Gross Salvage, %	0	0
Net Salvage %	0	0

The property in account 399 contains equipment used for railcar maintenance. The life of the equipment should be linked to the estimated life for SWEPCo's coal plants and the last remaining unit. Since the current estimated life for Welsh plant unit 3 is 2042, that unit was used to estimate the life for the rail maintenance facility.

Estimate salvage and removal costs for this account of 0%.

**SOUTHWESTERN ELECTRIC POWER COMPANY
ACCOUNT 390 GRAPH
DEPRECIATION STUDY AS OF DECEMBER 31, 2019**



The graph for account 390 includes activity years from 1921 to 2019. The prior study recommended a 55 year life with a L0.0 dispersion for this account. As indicated above the current study recommends retaining the L0.0 dispersion following a slightly longer 58 year average service life.

SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
DEPRECIATION STUDY WORKPAPERS
GENERAL PLANT
AVERAGE AGE OF SURVIVING PLANT

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
CALCULATION OF AVERAGE AGE OF SURVIVING PLANT**

GENERAL PLANT, Account 390, Structures and Improvements

<u>VINTAGE YEAR</u>	<u>SURVIVING BALANCE</u>	<u>AGE (YEARS)</u>	<u>DOLLAR YEARS</u>	<u>AVERAGE AGE (YEARS)</u>
1924	6,445	95.5	615,494	
1928	88	91.5	8,037	
1931	65,313	88.5	5,780,184	
1936	9,605	83.5	801,981	
1937	123	82.5	10,176	
1938	83	81.5	6,742	
1939	867	80.5	69,813	
1940	91,977	79.5	7,312,169	
1944	305	75.5	23,051	
1945	375	74.5	27,938	
1946	51	73.5	3,775	
1947	622	72.5	45,083	
1949	312	70.5	21,996	
1950	24,802	69.5	1,723,705	
1951	119,822	68.5	8,207,779	
1952	11,662	67.5	787,165	
1953	2,485	66.5	165,245	
1954	3,509	65.5	229,840	
1955	2,468	64.5	159,167	
1956	871,985	63.5	55,371,022	
1957	47,148	62.5	2,946,749	
1958	31,287	61.5	1,924,158	
1959	6,151	60.5	372,140	
1960	100,857	59.5	6,000,987	
1961	700,251	58.5	40,964,698	
1962	35,595	57.5	2,046,710	
1963	38,409	56.5	2,170,110	
1964	65,976	55.5	3,661,656	
1965	111,149	54.5	6,057,623	
1966	226,410	53.5	12,112,951	
1967	23,539	52.5	1,235,785	
1968	59,455	51.5	3,061,943	
1969	109,438	50.5	5,526,612	
1970	46,632	49.5	2,308,301	
1971	36,684	48.5	1,779,159	
1972	1,380,701	47.5	65,583,309	
1973	891,533	46.5	41,456,300	
1974	261,685	45.5	11,906,651	
1975	25,392	44.5	1,129,932	
1976	116,960	43.5	5,087,774	
1977	101,395	42.5	4,309,279	
1978	87,921	41.5	3,648,719	
1979	135,077	40.5	5,470,623	
1980	123,618	39.5	4,882,926	

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
CALCULATION OF AVERAGE AGE OF SURVIVING PLANT**

GENERAL PLANT, Account 390, Structures and Improvements

<u>VINTAGE YEAR</u>	<u>SURVIVING BALANCE</u>	<u>AGE (YEARS)</u>	<u>DOLLAR YEARS</u>	<u>AVERAGE AGE (YEARS)</u>
1981	407,786	38.5	15,699,772	
1982	5,858,373	37.5	219,689,002	
1983	395,093	36.5	14,420,883	
1984	330,457	35.5	11,731,223	
1985	664,606	34.5	22,928,914	
1986	2,815,618	33.5	94,323,195	
1987	1,369,264	32.5	44,501,076	
1988	556,843	31.5	17,540,544	
1989	447,792	30.5	13,657,644	
1990	377,867	29.5	11,147,079	
1991	701,999	28.5	20,006,967	
1992	1,872,700	27.5	51,499,242	
1993	2,452,168	26.5	64,982,439	
1994	7,922,763	25.5	202,030,455	
1995	2,385,495	24.5	58,444,629	
1996	31,906,888	23.5	749,811,861	
1997	1,221,292	22.5	27,479,060	
1998	436,458	21.5	9,383,852	
1999	1,672,409	20.5	34,284,388	
2000	945,763	19.5	18,442,380	
2001	1,302,739	18.5	24,100,676	
2002	201,918	17.5	3,533,567	
2003	6,182	16.5	102,007	
2004	865,162	15.5	13,410,005	
2005	13,552	14.5	196,503	
2006	4,193,652	13.5	56,614,309	
2007	941,835	12.5	11,772,932	
2008	7,223,530	11.5	83,070,597	
2009	776,967	10.5	8,158,158	
2010	658,237	9.5	6,253,247	
2011	3,601,204	8.5	30,610,234	
2012	1,858,456	7.5	13,938,417	
2013	791,554	6.5	5,145,099	
2014	952,600	5.5	5,239,302	
2015	3,342,037	4.5	15,039,168	
2016	3,411,883	3.5	11,941,590	
2017	510,657	2.5	1,276,643	
2018	2,881,748	1.5	4,322,622	
2019	<u>2,254,636</u>	0.5	<u>1,127,318</u>	
	106,506,342		2,314,872,456	21.73

Note: Account 390 was adjusted to exclude Improvements to Leased Property which are amortized.

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
CALCULATION OF AVERAGE AGE OF SURVIVING PLANT**

GENERAL PLANT, Account 391, Office Furniture, Equipment

<u>VINTAGE YEAR</u>	<u>SURVIVING BALANCE</u>	<u>AGE (YEARS)</u>	<u>DOLLAR YEARS</u>	<u>AVERAGE AGE (YEARS)</u>
1990	431,103	29.5	12,717,545	
1991	857,257	28.5	24,431,825	
1992	1,060,673	27.5	29,168,512	
1993	1,180,024	26.5	31,270,640	
1994	1,182,663	25.5	30,157,900	
1996	1,263,845	23.5	29,700,357	
1997	230,855	22.5	5,194,237	
1998	77,591	21.5	1,668,208	
1999	190,112	20.5	3,897,295	
2000	72,679	19.5	1,417,239	
2001	90,897	18.5	1,681,585	
2002	21,656	17.5	378,972	
2003	640,464	16.5	10,567,661	
2004	128,412	15.5	1,990,390	
2006	694,808	13.5	9,379,913	
2007	17,731	12.5	221,635	
2008	205,653	11.5	2,365,015	
2009	24,220	10.5	254,311	
2010	342,117	9.5	3,250,111	
2011	4,272	8.5	36,310	
2012	34,194	7.5	256,456	
2014	83,622	5.5	459,922	
2015	37,993	4.5	170,968	
2016	315,233	3.5	1,103,315	
2017	92,810	2.5	232,024	
2018	<u>1,900</u>	1.5	<u>2,850</u>	
	9,282,784		201,975,196	21.76

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
CALCULATION OF AVERAGE AGE OF SURVIVING PLANT**

GENERAL PLANT, Account 39111, Computers

<u>VINTAGE YEAR</u>	<u>SURVIVING BALANCE</u>	<u>AGE (YEARS)</u>	<u>DOLLAR YEARS</u>	<u>AVERAGE AGE (YEARS)</u>
2013	13,916	6.5	90,453	
2016	16,731	3.5	58,557	
2017	13,321	2.5	33,301	
2018	<u>1,556</u>	1.5	<u>2,334</u>	
	45,523		184,645	4.06

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
CALCULATION OF AVERAGE AGE OF SURVIVING PLANT**

GENERAL PLANT, Account 392, Transportation Equipment

<u>VINTAGE YEAR</u>	<u>SURVIVING BALANCE</u>	<u>AGE (YEARS)</u>	<u>DOLLAR YEARS</u>	<u>AVERAGE AGE (YEARS)</u>
2000	149,508	19.5	2,915,402	
2001	93,567	18.5	1,730,996	
2007	7,201	12.5	90,016	
2010	3,856,848	9.5	36,640,053	
2011	9,900	8.5	84,150	
2013	<u>1,494</u>	6.5	<u>9,710</u>	
	4,118,518		41,470,327	10.07

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
CALCULATION OF AVERAGE AGE OF SURVIVING PLANT**

GENERAL PLANT, Account 393, Stores Equipment

<u>VINTAGE YEAR</u>	<u>SURVIVING BALANCE</u>	<u>AGE (YEARS)</u>	<u>DOLLAR YEARS</u>	<u>AVERAGE AGE (YEARS)</u>
1990	92,699	29.5	2,734,635	
1991	51,003	28.5	1,453,572	
1992	76,138	27.5	2,093,785	
1993	13,282	26.5	351,985	
1994	1,218,869	25.5	31,081,154	
1996	95,735	23.5	2,249,766	
1997	819	22.5	18,419	
1999	59,411	20.5	1,217,936	
2000	53,304	19.5	1,039,420	
2001	79,584	18.5	1,472,310	
2004	4,097	15.5	63,504	
2005	5,114	14.5	74,158	
2006	4,248	13.5	57,345	
2007	2,035	12.5	25,441	
2008	419,223	11.5	4,821,062	
2010	130,408	9.5	1,238,872	
2011	118,264	8.5	1,005,247	
2013	3,681	6.5	23,924	
2014	22,799	5.5	125,396	
2015	83,734	4.5	376,803	
2016	357,120	3.5	1,249,918	
2017	26,482	2.5	66,205	
2018	87,276	1.5	130,915	
2019	<u>116,454</u>	0.5	<u>58,227</u>	
	3,121,778		53,029,999	16.99

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
CALCULATION OF AVERAGE AGE OF SURVIVING PLANT**

GENERAL PLANT, Account 394, Tools

<u>VINTAGE YEAR</u>	<u>SURVIVING BALANCE</u>	<u>AGE (YEARS)</u>	<u>DOLLAR YEARS</u>	<u>AVERAGE AGE (YEARS)</u>
1985	130,283	34.5	4,494,754	
1986	164,746	33.5	5,519,005	
1987	244,509	32.5	7,946,558	
1988	275,149	31.5	8,667,181	
1989	231,802	30.5	7,069,962	
1990	215,650	29.5	6,361,689	
1991	369,953	28.5	10,543,663	
1992	574,718	27.5	15,804,757	
1993	523,552	26.5	13,874,130	
1994	1,359,504	25.5	34,667,348	
1996	457,084	23.5	10,741,484	
1997	239,802	22.5	5,395,553	
1998	119,831	21.5	2,576,356	
1999	661,200	20.5	13,554,608	
2000	221,460	19.5	4,318,466	
2001	452,106	18.5	8,363,952	
2002	938,210	17.5	16,418,673	
2003	620,884	16.5	10,244,588	
2004	613,569	15.5	9,510,323	
2005	2,340,294	14.5	33,934,256	
2006	1,227,786	13.5	16,575,112	
2007	1,178,438	12.5	14,730,470	
2008	1,033,467	11.5	11,884,875	
2009	1,254,672	10.5	13,174,058	
2010	890,464	9.5	8,459,404	
2011	987,753	8.5	8,395,903	
2012	706,747	7.5	5,300,603	
2013	506,057	6.5	3,289,371	
2014	888,431	5.5	4,886,371	
2015	1,489,205	4.5	6,701,424	
2016	3,116,011	3.5	10,906,037	
2017	1,568,217	2.5	3,920,543	
2018	1,924,543	1.5	2,886,814	
2019	<u>1,266,960</u>	0.5	<u>633,480</u>	
	28,793,058		341,751,771	11.87

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
CALCULATION OF AVERAGE AGE OF SURVIVING PLANT**

GENERAL PLANT, Account 395, Laboratory Equipment

<u>VINTAGE YEAR</u>	<u>SURVIVING BALANCE</u>	<u>AGE (YEARS)</u>	<u>DOLLAR YEARS</u>	<u>AVERAGE AGE (YEARS)</u>
1985	94,310	34.5	3,253,678	
1986	78,709	33.5	2,636,739	
1987	131,097	32.5	4,260,641	
1988	79,615	31.5	2,507,872	
1989	110,553	30.5	3,371,857	
1990	184,146	29.5	5,432,306	
1991	399,155	28.5	11,375,920	
1992	980,065	27.5	26,951,792	
1993	1,182,575	26.5	31,338,227	
1994	566,760	25.5	14,452,386	
1996	463,026	23.5	10,881,117	
1997	47,270	22.5	1,063,575	
1998	159,459	21.5	3,428,358	
1999	143,744	20.5	2,946,742	
2000	359,216	19.5	7,004,713	
2001	162	18.5	2,999	
2002	158,006	17.5	2,765,110	
2003	613	16.5	10,119	
2006	51,514	13.5	695,443	
2007	9,678	12.5	120,975	
2010	105,040	9.5	997,882	
2016	<u>196,563</u>	3.5	<u>687,970</u>	
	5,501,275		136,186,421	24.76

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
CALCULATION OF AVERAGE AGE OF SURVIVING PLANT**

GENERAL PLANT, Account 396, Power Operated Equipment

<u>VINTAGE YEAR</u>	<u>SURVIVING BALANCE</u>	<u>AGE (YEARS)</u>	<u>DOLLAR YEARS</u>	<u>AVERAGE AGE (YEARS)</u>
2009	74,938	10.5	786,851	
2010	289,167	9.5	2,747,091	
2011	269,393	8.5	2,289,840	
2012	13,901	7.5	104,260	
2013	<u>50,827</u>	6.5	<u>330,376</u>	
	698,227		6,258,418	8.96

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
CALCULATION OF AVERAGE AGE OF SURVIVING PLANT**

GENERAL PLANT, Account 397, Communication Equipment

<u>VINTAGE YEAR</u>	<u>SURVIVING BALANCE</u>	<u>AGE (YEARS)</u>	<u>DOLLAR YEARS</u>	<u>AVERAGE AGE (YEARS)</u>
2000	1,335,737	19.5	26,046,871	
2001	3,138,601	18.5	58,064,112	
2002	1,945,164	17.5	34,040,368	
2003	1,444,451	16.5	23,833,440	
2004	777,055	15.5	12,044,356	
2005	860,981	14.5	12,484,229	
2006	1,578,263	13.5	21,306,547	
2007	1,421,432	12.5	17,767,906	
2008	1,434,985	11.5	16,502,331	
2009	1,006,107	10.5	10,564,122	
2010	1,081,433	9.5	10,273,615	
2011	871,076	8.5	7,404,142	
2012	534,592	7.5	4,009,442	
2013	532,899	6.5	3,463,841	
2014	524,746	5.5	2,886,100	
2015	2,049,523	4.5	9,222,852	
2016	4,422,824	3.5	15,479,884	
2017	1,078,878	2.5	2,697,196	
2018	9,109,899	1.5	13,664,848	
2019	<u>8,182,088</u>	0.5	<u>4,091,044</u>	
	43,330,733		305,847,246	7.06

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
CALCULATION OF AVERAGE AGE OF SURVIVING PLANT**

GENERAL PLANT, Account 398, Miscellaneous Equipment

<u>VINTAGE YEAR</u>	<u>SURVIVING BALANCE</u>	<u>AGE (YEARS)</u>	<u>DOLLAR YEARS</u>	<u>AVERAGE AGE (YEARS)</u>
2000	35,798	19.5	698,052	
2001	52,527	18.5	971,750	
2002	87,196	17.5	1,525,935	
2003	33,298	16.5	549,423	
2004	11,533	15.5	178,760	
2005	457,847	14.5	6,638,782	
2006	26,366	13.5	355,940	
2007	3,029	12.5	37,857	
2008	301,375	11.5	3,465,807	
2009	275,029	10.5	2,887,799	
2010	71,136	9.5	675,788	
2011	39,459	8.5	335,399	
2012	315,268	7.5	2,364,507	
2013	94,708	6.5	615,601	
2014	46,529	5.5	255,909	
2015	109,249	4.5	491,620	
2016	86,666	3.5	303,332	
2017	27,757	2.5	69,394	
2018	344,218	1.5	516,327	
2019	<u>4,530</u>	0.5	<u>2,265</u>	
	2,423,516		22,940,247	9.47

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
CALCULATION OF AVERAGE AGE OF SURVIVING PLANT
ALLIANCE RAIL FACILITY - Account 39930**

<u>VINTAGE YEAR</u>	<u>SURVIVING BALANCE</u>	<u>AGE (YEARS)</u>	<u>DOLLAR YEARS</u>	<u>AVERAGE AGE (YEARS)</u>
1977	641,506	42.5	27,263,989	
1978	112,396	41.5	4,664,418	
1979	18,587	40.5	752,768	
1980	594,822	39.5	23,495,478	
1981	75,364	38.5	2,901,496	
1982	56,762	37.5	2,128,560	
1983	5,118	36.5	186,794	
1984	363,662	35.5	12,910,007	
1985	139,863	34.5	4,825,289	
1986	15,930	33.5	533,643	
1987	45,718	32.5	1,485,849	
1988	14,166	31.5	446,227	
1989	5,859	30.5	178,700	
1990	11,819	29.5	348,653	
1991	38,712	28.5	1,103,299	
1992	32,539	27.5	894,814	
1993	12,285	26.5	325,565	
1994	359,721	25.5	9,172,882	
1997	34,322	22.5	772,248	
2001	2,753	18.5	50,934	
2002	2,056,857	17.5	35,994,994	
2009	10,915	10.5	114,610	
2010	146,549	9.5	1,392,215	
2011	169,938	8.5	1,444,472	
2012	575,100	7.5	4,313,249	
2013	135,184	6.5	878,694	
2014	141,318	5.5	777,249	
2015	31,578	4.5	142,103	
2017	983	2.5	2,459	
2018	8,860	1.5	13,290	
2019	<u>12,831</u>	0.5	<u>6,416</u>	
	5,872,017		139,521,364	23.76

Average Property Life set using average age of surviving plant plus years until estimated retirement year of Welsh Unit 3 in 2042.

Average Property Life (Years)	46.76
Average Age	23.76
Remaining Life (Years until 2042 Retirement)	23.00
Theoretical Reserve	2,888,289

SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
DEPRECIATION STUDY WORKPAPERS
GENERAL PLANT
GENERATION ARRANGEMENT REPORT

**SOUTHWESTERN ELECTRIC POWER COMPANY
GENERATION ARRANGEMENT REPORT
Depreciation Study as of December 31, 2019**

Account: SWEPCo 101/6 390 Structures & Improvements

Dispersion: 58.00, L0.0

Average Net Salvage Rate: -3%

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2019	0.5	\$2,254,636	58.00	57.56	1.0420	1.0000	\$2,349,314	\$40,817
2018	1.5	\$2,881,748	58.00	56.75	1.0274	1.0000	\$2,960,713	\$52,170
2017	2.5	\$510,657	58.00	56.02	1.0141	1.0000	\$517,849	\$9,245
2016	3.5	\$3,411,883	58.00	55.32	1.0014	1.0000	\$3,416,666	\$61,767
2015	4.5	\$3,342,037	58.00	54.65	0.9893	1.0000	\$3,306,397	\$60,502
2014	5.5	\$952,600	58.00	54.02	0.9779	1.0000	\$931,525	\$17,245
2013	6.5	\$791,554	58.00	53.40	0.9668	1.0000	\$765,280	\$14,330
2012	7.5	\$1,858,456	58.00	52.81	0.9561	1.0000	\$1,776,925	\$33,644
2011	8.5	\$3,601,204	58.00	52.24	0.9458	1.0000	\$3,405,962	\$65,194
2010	9.5	\$658,237	58.00	51.69	0.9358	1.0000	\$615,995	\$11,916
2009	10.5	\$776,967	58.00	51.16	0.9261	1.0000	\$719,557	\$14,066
2008	11.5	\$7,223,530	58.00	50.63	0.9167	1.0000	\$6,621,452	\$130,771
2007	12.5	\$941,835	58.00	50.13	0.9074	1.0000	\$854,657	\$17,050
2006	13.5	\$4,193,652	58.00	49.63	0.8985	1.0000	\$3,767,957	\$75,920
2005	14.5	\$13,552	58.00	49.15	0.8897	1.0000	\$12,057	\$245
2004	15.5	\$865,162	58.00	48.67	0.8811	1.0000	\$762,330	\$15,662
2003	16.5	\$6,182	58.00	48.21	0.8728	1.0000	\$5,396	\$112
2002	17.5	\$201,918	58.00	47.76	0.8646	1.0000	\$174,570	\$3,655
2001	18.5	\$1,302,739	58.00	47.31	0.8565	1.0000	\$1,115,790	\$23,584
2000	19.5	\$945,763	58.00	46.87	0.8486	1.0000	\$802,557	\$17,122
1999	20.5	\$1,672,409	58.00	46.45	0.8408	1.0000	\$1,406,223	\$30,276
1998	21.5	\$436,458	58.00	46.03	0.8332	1.0000	\$363,662	\$7,901
1997	22.5	\$1,221,292	58.00	45.61	0.8257	1.0000	\$1,008,410	\$22,110
1996	23.5	\$31,906,888	58.00	45.20	0.8183	1.0000	\$26,109,541	\$577,625
1995	24.5	\$2,385,495	58.00	44.80	0.8110	1.0000	\$1,934,695	\$43,186
1994	25.5	\$7,922,763	58.00	44.40	0.8038	1.0000	\$6,368,576	\$143,429
1993	26.5	\$2,452,168	58.00	44.01	0.7967	1.0000	\$1,953,750	\$44,393
1992	27.5	\$1,872,700	58.00	43.62	0.7897	1.0000	\$1,478,919	\$33,902
1991	28.5	\$701,999	58.00	43.24	0.7828	1.0000	\$549,510	\$12,709
1990	29.5	\$377,867	58.00	42.86	0.7759	1.0000	\$293,185	\$6,841
1989	30.5	\$447,792	58.00	42.48	0.7691	1.0000	\$344,384	\$8,107
1988	31.5	\$556,843	58.00	42.11	0.7623	1.0000	\$424,490	\$10,081
1987	32.5	\$1,369,264	58.00	41.74	0.7556	1.0000	\$1,034,643	\$24,788
1986	33.5	\$2,815,618	58.00	41.37	0.7490	1.0000	\$2,108,848	\$50,972
1985	34.5	\$664,606	58.00	41.01	0.7424	1.0000	\$493,399	\$12,032
1984	35.5	\$330,457	58.00	40.65	0.7359	1.0000	\$243,173	\$5,982
1983	36.5	\$395,093	58.00	40.29	0.7294	1.0000	\$288,183	\$7,153
1982	37.5	\$5,858,373	58.00	39.94	0.7230	1.0000	\$4,235,546	\$106,057
1981	38.5	\$407,786	58.00	39.59	0.7166	1.0000	\$292,236	\$7,382
1980	39.5	\$123,618	58.00	39.24	0.7103	1.0000	\$87,811	\$2,238
1979	40.5	\$135,077	58.00	38.89	0.7041	1.0000	\$95,107	\$2,445
1978	41.5	\$87,921	58.00	38.55	0.6979	1.0000	\$61,361	\$1,592
1977	42.5	\$101,395	58.00	38.21	0.6918	1.0000	\$70,142	\$1,836
1976	43.5	\$116,960	58.00	37.88	0.6857	1.0000	\$80,198	\$2,117
1975	44.5	\$25,392	58.00	37.54	0.6797	1.0000	\$17,258	\$460
1974	45.5	\$261,685	58.00	37.21	0.6737	1.0000	\$176,291	\$4,737
1973	46.5	\$891,533	58.00	36.89	0.6677	1.0000	\$595,318	\$16,140
1972	47.5	\$1,380,701	58.00	36.56	0.6619	1.0000	\$913,845	\$24,995
1971	48.5	\$36,684	58.00	36.24	0.6561	1.0000	\$24,067	\$664
1970	49.5	\$46,632	58.00	35.92	0.6503	1.0000	\$30,323	\$844

**SOUTHWESTERN ELECTRIC POWER COMPANY
GENERATION ARRANGEMENT REPORT
Depreciation Study as of December 31, 2019**

Account: SWEPCo 101/6 390 Structures & Improvements
Dispersion: 58.00, L0.0
Average Net Salvage Rate: -3%

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1969	50.5	\$109,438	58.00	35.60	0.6445	1.0000	\$70,537	\$1,981
1968	51.5	\$59,455	58.00	35.29	0.6389	1.0000	\$37,984	\$1,076
1967	52.5	\$23,539	58.00	34.98	0.6332	1.0000	\$14,906	\$426
1966	53.5	\$226,410	58.00	34.67	0.6276	1.0000	\$142,103	\$4,099
1965	54.5	\$111,149	58.00	34.36	0.6221	1.0000	\$69,146	\$2,012
1964	55.5	\$65,976	58.00	34.06	0.6166	1.0000	\$40,682	\$1,194
1963	56.5	\$38,409	58.00	33.76	0.6112	1.0000	\$23,474	\$695
1962	57.5	\$35,595	58.00	33.46	0.6058	1.0000	\$21,562	\$644
1961	58.5	\$700,251	58.00	33.17	0.6004	1.0000	\$420,440	\$12,677
1960	59.5	\$100,857	58.00	32.87	0.5951	1.0000	\$60,022	\$1,826
1959	60.5	\$6,151	58.00	32.58	0.5898	1.0000	\$3,628	\$111
1958	61.5	\$31,287	58.00	32.29	0.5846	1.0000	\$18,291	\$566
1957	62.5	\$47,148	58.00	32.01	0.5794	1.0000	\$27,319	\$854
1956	63.5	\$871,985	58.00	31.72	0.5743	1.0000	\$500,760	\$15,786
1955	64.5	\$2,468	58.00	31.44	0.5692	1.0000	\$1,405	\$45
1954	65.5	\$3,509	58.00	31.16	0.5641	1.0000	\$1,980	\$64
1953	66.5	\$2,485	58.00	30.88	0.5591	1.0000	\$1,389	\$45
1952	67.5	\$11,662	58.00	30.61	0.5541	1.0000	\$6,462	\$211
1951	68.5	\$119,822	58.00	30.34	0.5492	1.0000	\$65,805	\$2,169
1950	69.5	\$24,802	58.00	30.07	0.5443	1.0000	\$13,500	\$449
1949	70.5	\$312	58.00	29.80	0.5395	1.0000	\$168	\$6
1947	72.5	\$622	58.00	29.27	0.5298	1.0000	\$329	\$11
1946	73.5	\$51	58.00	29.01	0.5251	1.0000	\$27	\$1
1945	74.5	\$375	58.00	28.74	0.5204	1.0000	\$195	\$7
1944	75.5	\$305	58.00	28.49	0.5157	1.0000	\$157	\$6
1940	79.5	\$91,977	58.00	27.47	0.4974	1.0000	\$45,747	\$1,665
1939	80.5	\$867	58.00	27.23	0.4929	1.0000	\$427	\$16
1938	81.5	\$83	58.00	26.98	0.4885	1.0000	\$40	\$2
1937	82.5	\$123	58.00	26.73	0.4840	1.0000	\$60	\$2
1936	83.5	\$9,605	58.00	26.49	0.4796	1.0000	\$4,607	\$174
1931	88.5	\$65,313	58.00	25.31	0.4582	1.0000	\$29,924	\$1,182
1928	91.5	\$88	58.00	24.62	0.4457	1.0000	\$39	\$2
1924	95.5	\$6,445	58.00	23.72	0.4294	1.0000	\$2,767	\$117
		\$106,506,342	58.00	46.47	0.8412	1.0000	\$89,591,925	\$1,928,132

**SOUTHWESTERN ELECTRIC POWER COMPANY
GENERATION ARRANGEMENT REPORT
Depreciation Study as of December 31, 2019**

Account: SWEPCo 101/6 391 Office Furniture
Dispersion: 30.00, SQ
Average Net Salvage Rate: 0%

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2018	1.5	\$1,900	30.00	28.50	0.9500	1.0000	\$1,805	\$2,522
2017	2.5	\$92,810	30.00	27.50	0.9167	1.0000	\$85,076	\$3,786
2016	3.5	\$315,233	30.00	26.50	0.8833	1.0000	\$278,456	\$1,243
2015	4.5	\$37,993	30.00	25.50	0.8500	1.0000	\$32,294	\$1,248
2014	5.5	\$83,622	30.00	24.50	0.8167	1.0000	\$68,291	\$11,290
2012	7.5	\$34,194	30.00	22.50	0.7500	1.0000	\$25,646	\$799
2011	8.5	\$4,272	30.00	21.50	0.7167	1.0000	\$3,061	\$6,787
2010	9.5	\$342,117	30.00	20.50	0.6833	1.0000	\$233,780	\$585
2009	10.5	\$24,220	30.00	19.50	0.6500	1.0000	\$15,743	\$22,929
2008	11.5	\$205,653	30.00	18.50	0.6167	1.0000	\$126,820	\$377
2007	12.5	\$17,731	30.00	17.50	0.5833	1.0000	\$10,343	\$4,417
2006	13.5	\$694,808	30.00	16.50	0.5500	1.0000	\$382,145	\$21,135
2004	15.5	\$128,412	30.00	14.50	0.4833	1.0000	\$62,066	\$715
2003	16.5	\$640,464	30.00	13.50	0.4500	1.0000	\$288,209	\$3,000
2002	17.5	\$21,656	30.00	12.50	0.4167	1.0000	\$9,023	\$2,398
2001	18.5	\$90,897	30.00	11.50	0.3833	1.0000	\$34,844	\$6,274
2000	19.5	\$72,679	30.00	10.50	0.3500	1.0000	\$25,438	\$2,561
1999	20.5	\$190,112	30.00	9.50	0.3167	1.0000	\$60,202	\$7,618
1998	21.5	\$77,591	30.00	8.50	0.2833	1.0000	\$21,984	\$41,707
1997	22.5	\$230,855	30.00	7.50	0.2500	1.0000	\$57,714	\$39,028
1996	23.5	\$1,263,845	30.00	6.50	0.2167	1.0000	\$273,833	\$38,941
1994	25.5	\$1,182,663	30.00	4.50	0.1500	1.0000	\$177,399	\$35,002
1993	26.5	\$1,180,024	30.00	3.50	0.1167	1.0000	\$137,669	\$28,289
1992	27.5	\$1,060,673	30.00	2.50	0.0833	1.0000	\$88,389	\$14,226
1991	28.5	\$857,257	30.00	1.50	0.0500	1.0000	\$42,863	\$9,715
1990	29.5	\$431,103	30.00	0.50	0.0167	1.0000	\$7,185	\$5,114
		\$9,282,784	30.00	8.24	0.2747	1.0000	\$2,550,277	\$311,705

**SOUTHWESTERN ELECTRIC POWER COMPANY
GENERATION ARRANGEMENT REPORT
Depreciation Study as of December 31, 2019**

Account: SWEPCo 101/6 391 Computers

Dispersion: 7.00, SQ

Average Net Salvage Rate: 0%

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2018	1.5	\$1,556	7.00	5.50	0.7857	1.0000	\$1,223	\$222
2017	2.5	\$13,321	7.00	4.50	0.6429	1.0000	\$8,563	\$1,903
2016	3.5	\$16,731	7.00	3.50	0.5000	1.0000	\$8,365	\$2,390
2013	6.5	\$13,916	7.00	0.50	0.0714	1.0000	\$994	\$1,988
		<u>\$45,523</u>	<u>7.00</u>	<u>2.94</u>	<u>0.4206</u>	<u>1.0000</u>	<u>\$19,145</u>	<u>\$6,503</u>

**SOUTHWESTERN ELECTRIC POWER COMPANY
GENERATION ARRANGEMENT REPORT
Depreciation Study as of December 31, 2019**

Account: SWEP Co 101/6 392 Transportation Equipment

Dispersion: 20.00, SQ

Average Net Salvage Rate: 3%

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2013	6.5	\$1,494	20.00	13.50	0.6548	1.0000	\$978	\$72
2011	8.5	\$9,900	20.00	11.50	0.5578	1.0000	\$5,522	\$480
2010	9.5	\$3,856,848	20.00	10.50	0.5093	1.0000	\$1,964,100	\$187,057
2007	12.5	\$7,201	20.00	7.50	0.3638	1.0000	\$2,619	\$349
2001	18.5	\$93,567	20.00	1.50	0.0728	1.0000	\$6,807	\$4,538
2000	19.5	\$149,508	20.00	0.50	0.0243	1.0000	\$3,626	\$7,251
		<u>\$4,118,518</u>	<u>20.00</u>	<u>9.93</u>	<u>0.4816</u>	<u>1.0000</u>	<u>\$1,983,652</u>	<u>\$199,748</u>

**SOUTHWESTERN ELECTRIC POWER COMPANY
GENERATION ARRANGEMENT REPORT
Depreciation Study as of December 31, 2019**

Account: SWEPCo 101/6 393 Stores Equipment
Dispersion: 30.00, SQ
Average Net Salvage Rate: -2%

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2019	0.5	\$116,454	30.00	29.50	1.0030	1.0000	\$116,803	\$3,959
2018	1.5	\$87,276	30.00	28.50	0.9690	1.0000	\$84,571	\$2,967
2017	2.5	\$26,482	30.00	27.50	0.9350	1.0000	\$24,761	\$900
2016	3.5	\$357,120	30.00	26.50	0.9010	1.0000	\$321,765	\$12,142
2015	4.5	\$83,734	30.00	25.50	0.8670	1.0000	\$72,597	\$2,847
2014	5.5	\$22,799	30.00	24.50	0.8330	1.0000	\$18,992	\$775
2013	6.5	\$3,681	30.00	23.50	0.7990	1.0000	\$2,941	\$125
2011	8.5	\$118,264	30.00	21.50	0.7310	1.0000	\$86,451	\$4,021
2010	9.5	\$130,408	30.00	20.50	0.6970	1.0000	\$90,894	\$4,434
2008	11.5	\$419,223	30.00	18.50	0.6290	1.0000	\$263,691	\$14,254
2007	12.5	\$2,035	30.00	17.50	0.5950	1.0000	\$1,211	\$69
2006	13.5	\$4,248	30.00	16.50	0.5610	1.0000	\$2,383	\$144
2005	14.5	\$5,114	30.00	15.50	0.5270	1.0000	\$2,695	\$174
2004	15.5	\$4,097	30.00	14.50	0.4930	1.0000	\$2,020	\$139
2001	18.5	\$79,584	30.00	11.50	0.3910	1.0000	\$31,117	\$2,706
2000	19.5	\$53,304	30.00	10.50	0.3570	1.0000	\$19,029	\$1,812
1999	20.5	\$59,411	30.00	9.50	0.3230	1.0000	\$19,190	\$2,020
1997	22.5	\$819	30.00	7.50	0.2550	1.0000	\$209	\$28
1996	23.5	\$95,735	30.00	6.50	0.2210	1.0000	\$21,157	\$3,255
1994	25.5	\$1,218,869	30.00	4.50	0.1530	1.0000	\$186,487	\$41,442
1993	26.5	\$13,282	30.00	3.50	0.1190	1.0000	\$1,581	\$452
1992	27.5	\$76,138	30.00	2.50	0.0850	1.0000	\$6,472	\$2,589
1991	28.5	\$51,003	30.00	1.50	0.0510	1.0000	\$2,601	\$1,734
1990	29.5	\$92,699	30.00	0.50	0.0170	1.0000	\$1,576	\$3,152
		<u>\$3,121,778</u>	<u>30.00</u>	<u>13.01</u>	<u>0.4424</u>	<u>1.0000</u>	<u>\$1,381,194</u>	<u>\$106,140</u>

**SOUTHWESTERN ELECTRIC POWER COMPANY
GENERATION ARRANGEMENT REPORT
Depreciation Study as of December 31, 2019**

Account: SWEPCo 101/6 394 Tools, Shop and Garage Equipment
Dispersion: 35.00, SQ
Average Net Salvage Rate: -1%

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2019	0.5	\$1,266,960	35.00	34.50	0.9956	1.0000	\$1,261,350	\$36,561
2018	1.5	\$1,924,543	35.00	33.50	0.9667	1.0000	\$1,860,483	\$55,537
2017	2.5	\$1,568,217	35.00	32.50	0.9379	1.0000	\$1,470,764	\$45,254
2016	3.5	\$3,116,011	35.00	31.50	0.9090	1.0000	\$2,832,454	\$89,919
2015	4.5	\$1,489,205	35.00	30.50	0.8801	1.0000	\$1,310,714	\$42,974
2014	5.5	\$888,431	35.00	29.50	0.8513	1.0000	\$756,309	\$25,638
2013	6.5	\$506,057	35.00	28.50	0.8224	1.0000	\$416,196	\$14,603
2012	7.5	\$706,747	35.00	27.50	0.7936	1.0000	\$560,854	\$20,395
2011	8.5	\$987,753	35.00	26.50	0.7647	1.0000	\$755,349	\$28,504
2010	9.5	\$890,464	35.00	25.50	0.7359	1.0000	\$655,254	\$25,696
2009	10.5	\$1,254,672	35.00	24.50	0.7070	1.0000	\$887,053	\$36,206
2008	11.5	\$1,033,467	35.00	23.50	0.6781	1.0000	\$700,839	\$29,823
2007	12.5	\$1,178,438	35.00	22.50	0.6493	1.0000	\$765,143	\$34,006
2006	13.5	\$1,227,786	35.00	21.50	0.6204	1.0000	\$761,754	\$35,430
2005	14.5	\$2,340,294	35.00	20.50	0.5916	1.0000	\$1,384,451	\$67,534
2004	15.5	\$613,569	35.00	19.50	0.5627	1.0000	\$345,264	\$17,706
2003	16.5	\$620,884	35.00	18.50	0.5339	1.0000	\$331,463	\$17,917
2002	17.5	\$938,210	35.00	17.50	0.5050	1.0000	\$473,796	\$27,074
2001	18.5	\$452,106	35.00	16.50	0.4761	1.0000	\$215,267	\$13,046
2000	19.5	\$221,460	35.00	15.50	0.4473	1.0000	\$99,056	\$6,391
1999	20.5	\$661,200	35.00	14.50	0.4184	1.0000	\$276,665	\$19,080
1998	21.5	\$119,831	35.00	13.50	0.3896	1.0000	\$46,683	\$3,458
1997	22.5	\$239,802	35.00	12.50	0.3607	1.0000	\$86,500	\$6,920
1996	23.5	\$457,084	35.00	11.50	0.3319	1.0000	\$151,687	\$13,190
1994	25.5	\$1,359,504	35.00	9.50	0.2741	1.0000	\$372,698	\$39,231
1993	26.5	\$523,552	35.00	8.50	0.2453	1.0000	\$128,420	\$15,108
1992	27.5	\$574,718	35.00	7.50	0.2164	1.0000	\$124,385	\$16,585
1991	28.5	\$369,953	35.00	6.50	0.1876	1.0000	\$69,393	\$10,676
1990	29.5	\$215,650	35.00	5.50	0.1587	1.0000	\$34,227	\$6,223
1989	30.5	\$231,802	35.00	4.50	0.1299	1.0000	\$30,101	\$6,689
1988	31.5	\$275,149	35.00	3.50	0.1010	1.0000	\$27,790	\$7,940
1987	32.5	\$244,509	35.00	2.50	0.0721	1.0000	\$17,640	\$7,056
1986	33.5	\$164,746	35.00	1.50	0.0433	1.0000	\$7,131	\$4,754
1985	34.5	\$130,283	35.00	0.50	0.0144	1.0000	\$1,880	\$3,760
		\$28,793,058	35.00	23.13	0.6675	1.0000	\$19,219,009	\$830,885

**SOUTHWESTERN ELECTRIC POWER COMPANY
GENERATION ARRANGEMENT REPORT
Depreciation Study as of December 31, 2019**

Account: SWEPCo 101/6 395 Laboratory Equipment
Dispersion: 35.00, SQ
Average Net Salvage Rate: -2%

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2016	3.5	\$196,563	35.00	31.50	0.9180	1.0000	\$180,445	\$5,728
2010	9.5	\$105,040	35.00	25.50	0.7431	1.0000	\$78,060	\$3,061
2007	12.5	\$9,678	35.00	22.50	0.6557	1.0000	\$6,346	\$282
2006	13.5	\$51,514	35.00	21.50	0.6266	1.0000	\$32,277	\$1,501
2003	16.5	\$613	35.00	18.50	0.5391	1.0000	\$331	\$18
2002	17.5	\$158,006	35.00	17.50	0.5100	1.0000	\$80,583	\$4,605
2001	18.5	\$162	35.00	16.50	0.4809	1.0000	\$78	\$5
2000	19.5	\$359,216	35.00	15.50	0.4517	1.0000	\$162,263	\$10,469
1999	20.5	\$143,744	35.00	14.50	0.4226	1.0000	\$60,742	\$4,189
1998	21.5	\$159,459	35.00	13.50	0.3934	1.0000	\$62,736	\$4,647
1997	22.5	\$47,270	35.00	12.50	0.3643	1.0000	\$17,220	\$1,378
1996	23.5	\$463,026	35.00	11.50	0.3351	1.0000	\$155,180	\$13,494
1994	25.5	\$566,760	35.00	9.50	0.2769	1.0000	\$156,912	\$16,517
1993	26.5	\$1,182,575	35.00	8.50	0.2477	1.0000	\$292,941	\$34,464
1992	27.5	\$980,065	35.00	7.50	0.2186	1.0000	\$214,214	\$28,562
1991	28.5	\$399,155	35.00	6.50	0.1894	1.0000	\$75,611	\$11,633
1990	29.5	\$184,146	35.00	5.50	0.1603	1.0000	\$29,516	\$5,367
1989	30.5	\$110,553	35.00	4.50	0.1311	1.0000	\$14,498	\$3,222
1988	31.5	\$79,615	35.00	3.50	0.1020	1.0000	\$8,121	\$2,320
1987	32.5	\$131,097	35.00	2.50	0.0729	1.0000	\$9,551	\$3,821
1986	33.5	\$78,709	35.00	1.50	0.0437	1.0000	\$3,441	\$2,294
1985	34.5	\$94,310	35.00	0.50	0.0146	1.0000	\$1,374	\$2,748
		<u>\$5,501,275</u>	<u>35.00</u>	<u>10.24</u>	<u>0.2986</u>	<u>1.0000</u>	<u>\$1,642,439</u>	<u>\$160,323</u>

**SOUTHWESTERN ELECTRIC POWER COMPANY
GENERATION ARRANGEMENT REPORT
Depreciation Study as of December 31, 2019**

Account: SWEPCo 101/6 396 Power Operated Equipment

Dispersion: 20.00, SQ

Average Net Salvage Rate: 2%

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2013	6.5	\$50,827	20.00	13.50	0.6615	1.0000	\$33,622	\$2,491
2012	7.5	\$13,901	20.00	12.50	0.6125	1.0000	\$8,515	\$681
2011	8.5	\$269,393	20.00	11.50	0.5635	1.0000	\$151,803	\$13,200
2010	9.5	\$289,167	20.00	10.50	0.5145	1.0000	\$148,777	\$14,169
2009	10.5	\$74,938	20.00	9.50	0.4655	1.0000	\$34,884	\$3,672
		<u>\$698,227</u>	<u>20.00</u>	<u>11.04</u>	<u>0.5408</u>	<u>1.0000</u>	<u>\$377,600</u>	<u>\$34,213</u>

**SOUTHWESTERN ELECTRIC POWER COMPANY
GENERATION ARRANGEMENT REPORT
Depreciation Study as of December 31, 2019**

Account: SWEPCo 101/6 397 Communication Equipment

Dispersion: 20.00, SQ

Average Net Salvage Rate: 0%

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2019	0.5	\$8,182,088	20.00	19.50	0.9750	1.0000	\$7,977,536	\$409,104
2018	1.5	\$9,109,899	20.00	18.50	0.9250	1.0000	\$8,426,656	\$455,495
2017	2.5	\$1,078,878	20.00	17.50	0.8750	1.0000	\$944,019	\$53,944
2016	3.5	\$4,422,824	20.00	16.50	0.8250	1.0000	\$3,648,830	\$221,141
2015	4.5	\$2,049,523	20.00	15.50	0.7750	1.0000	\$1,588,380	\$102,476
2014	5.5	\$524,746	20.00	14.50	0.7250	1.0000	\$380,440	\$26,237
2013	6.5	\$532,899	20.00	13.50	0.6750	1.0000	\$359,707	\$26,645
2012	7.5	\$534,592	20.00	12.50	0.6250	1.0000	\$334,120	\$26,730
2011	8.5	\$871,076	20.00	11.50	0.5750	1.0000	\$500,868	\$43,554
2010	9.5	\$1,081,433	20.00	10.50	0.5250	1.0000	\$567,752	\$54,072
2009	10.5	\$1,006,107	20.00	9.50	0.4750	1.0000	\$477,901	\$50,305
2008	11.5	\$1,434,985	20.00	8.50	0.4250	1.0000	\$609,869	\$71,749
2007	12.5	\$1,421,432	20.00	7.50	0.3750	1.0000	\$533,037	\$71,072
2006	13.5	\$1,578,263	20.00	6.50	0.3250	1.0000	\$512,935	\$78,913
2005	14.5	\$860,981	20.00	5.50	0.2750	1.0000	\$236,770	\$43,049
2004	15.5	\$777,055	20.00	4.50	0.2250	1.0000	\$174,837	\$38,853
2003	16.5	\$1,444,451	20.00	3.50	0.1750	1.0000	\$252,779	\$72,223
2002	17.5	\$1,945,164	20.00	2.50	0.1250	1.0000	\$243,145	\$97,258
2001	18.5	\$3,138,601	20.00	1.50	0.0750	1.0000	\$235,395	\$156,930
2000	19.5	\$1,335,737	20.00	0.50	0.0250	1.0000	\$33,393	\$66,787
		\$43,330,733	20.00	12.94	0.6471	1.0000	\$28,038,371	\$2,166,537

**SOUTHWESTERN ELECTRIC POWER COMPANY
GENERATION ARRANGEMENT REPORT
Depreciation Study as of December 31, 2019**

Account: SWEPCo 101/6 398 Miscellaneous Equipment

Dispersion: 20.00, SQ

Average Net Salvage Rate: 0%

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2019	0.5	\$4,530	20.00	19.50	0.9750	1.0000	\$4,417	\$227
2018	1.5	\$344,218	20.00	18.50	0.9250	1.0000	\$318,402	\$17,211
2017	2.5	\$27,757	20.00	17.50	0.8750	1.0000	\$24,288	\$1,388
2016	3.5	\$86,666	20.00	16.50	0.8250	1.0000	\$71,500	\$4,333
2015	4.5	\$109,249	20.00	15.50	0.7750	1.0000	\$84,668	\$5,462
2014	5.5	\$46,529	20.00	14.50	0.7250	1.0000	\$33,733	\$2,326
2013	6.5	\$94,708	20.00	13.50	0.6750	1.0000	\$63,928	\$4,735
2012	7.5	\$315,268	20.00	12.50	0.6250	1.0000	\$197,042	\$15,763
2011	8.5	\$39,459	20.00	11.50	0.5750	1.0000	\$22,689	\$1,973
2010	9.5	\$71,136	20.00	10.50	0.5250	1.0000	\$37,346	\$3,557
2009	10.5	\$275,029	20.00	9.50	0.4750	1.0000	\$130,639	\$13,751
2008	11.5	\$301,375	20.00	8.50	0.4250	1.0000	\$128,084	\$15,069
2007	12.5	\$3,029	20.00	7.50	0.3750	1.0000	\$1,136	\$151
2006	13.5	\$26,366	20.00	6.50	0.3250	1.0000	\$8,569	\$1,318
2005	14.5	\$457,847	20.00	5.50	0.2750	1.0000	\$125,908	\$22,892
2004	15.5	\$11,533	20.00	4.50	0.2250	1.0000	\$2,595	\$577
2003	16.5	\$33,298	20.00	3.50	0.1750	1.0000	\$5,827	\$1,665
2002	17.5	\$87,196	20.00	2.50	0.1250	1.0000	\$10,900	\$4,360
2001	18.5	\$52,527	20.00	1.50	0.0750	1.0000	\$3,940	\$2,626
2000	19.5	\$35,798	20.00	0.50	0.0250	1.0000	\$895	\$1,790
		<u>\$2,423,516</u>	<u>20.00</u>	<u>10.53</u>	<u>0.5267</u>	<u>1.0000</u>	<u>\$1,276,504</u>	<u>\$121,176</u>

SOUTHWESTERN ELECTRIC POWER COMPANY

DEPRECIATION STUDY AS OF DECEMBER 31, 2019

GENERAL PLANT ACCOUNT 390

OBSERVED LIFE REPORT

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2017
OBSERVED LIFE TABLE - ACCOUNT 390 STRUCTURES & IMPROVEMENTS**

Placement Band 1921 to 2019
Observation Band 1921 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
0	133,711,591	111,012	0.0008	0.9992	100.00
0.5	131,345,944	57,199	0.0004	0.9996	99.92
1.5	128,406,997	1,532,696	0.0119	0.9881	99.87
2.5	126,363,644	497,276	0.0039	0.9961	98.68
3.5	122,454,485	119,317	0.0010	0.9990	98.29
4.5	118,993,131	1,277,641	0.0107	0.9893	98.20
5.5	116,762,890	354,223	0.0030	0.9970	97.14
6.5	115,617,113	288,727	0.0025	0.9975	96.85
7.5	113,469,930	263,736	0.0023	0.9977	96.61
8.5	109,604,990	240,832	0.0022	0.9978	96.38
9.5	108,705,921	891,129	0.0082	0.9918	96.17
10.5	107,037,824	669,444	0.0063	0.9938	95.38
11.5	99,144,850	1,148,876	0.0116	0.9884	94.79
12.5	97,054,139	1,041,350	0.0107	0.9893	93.69
13.5	91,819,137	4,886,587	0.0532	0.9468	92.68
14.5	86,918,998	212,470	0.0024	0.9976	87.75
15.5	85,841,367	421,558	0.0049	0.9951	87.54
16.5	85,413,627	1,140,646	0.0134	0.9867	87.11
17.5	84,071,062	1,335,059	0.0159	0.9841	85.94
18.5	81,433,263	1,439,865	0.0177	0.9823	84.58
19.5	79,047,635	541,179	0.0069	0.9932	83.08
20.5	76,834,047	170,325	0.0022	0.9978	82.51
21.5	76,227,263	1,365,028	0.0179	0.9821	82.33
22.5	73,640,944	1,315,880	0.0179	0.9821	80.86
23.5	40,418,176	328,467	0.0081	0.9919	79.41
24.5	37,704,214	296,994	0.0079	0.9921	78.76
25.5	29,484,457	173,784	0.0059	0.9941	78.14
26.5	26,858,506	235,811	0.0088	0.9912	77.68
27.5	24,749,995	144,378	0.0058	0.9942	77.00
28.5	23,903,618	105,624	0.0044	0.9956	76.55
29.5	23,420,128	296,950	0.0127	0.9873	76.21
30.5	22,675,386	82,634	0.0036	0.9964	75.25
31.5	22,035,910	50,883	0.0023	0.9977	74.97
32.5	20,615,763	144,575	0.0070	0.9930	74.80
33.5	17,655,571	501,492	0.0284	0.9716	74.28
34.5	16,489,472	900,782	0.0546	0.9454	72.17
35.5	15,258,233	436,084	0.0286	0.9714	68.23
36.5	14,427,057	38,009	0.0026	0.9974	66.28
37.5	8,530,675	97,575	0.0114	0.9886	66.10
38.5	8,025,313	88,291	0.0110	0.9890	65.35
39.5	7,813,405	14,868	0.0019	0.9981	64.63
40.5	7,663,459	29,085	0.0038	0.9962	64.50
41.5	7,546,453	58,531	0.0078	0.9922	64.26
42.5	7,386,527	538,663	0.0729	0.9271	63.76
43.5	6,730,904	355,549	0.0528	0.9472	59.11
44.5	6,349,964	13,076	0.0021	0.9979	55.99

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2017
OBSERVED LIFE TABLE - ACCOUNT 390 STRUCTURES & IMPROVEMENTS**

Placement Band 1921 to 2019
Observation Band 1921 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
45.5	6,075,203	183,080	0.0301	0.9699	55.87
46.5	5,000,590	36,776	0.0074	0.9927	54.19
47.5	3,583,113	17,195	0.0048	0.9952	53.79
48.5	3,529,235	58,961	0.0167	0.9833	53.53
49.5	3,423,641	802	0.0002	0.9998	52.64
50.5	3,313,401	4,504	0.0014	0.9986	52.63
51.5	3,249,442	137,656	0.0424	0.9576	52.55
52.5	3,088,246	5,271	0.0017	0.9983	50.33
53.5	2,856,565	25,076	0.0088	0.9912	50.24
54.5	2,720,339	103,882	0.0382	0.9618	49.80
55.5	2,550,481	81,333	0.0319	0.9681	47.90
56.5	2,430,739	13,233	0.0054	0.9946	46.37
57.5	2,381,911	2,425	0.0010	0.9990	46.12
58.5	1,679,235	6,048	0.0036	0.9964	46.07
59.5	1,572,331	2,668	0.0017	0.9983	45.91
60.5	1,563,512	9,156	0.0059	0.9941	45.83
61.5	1,523,069	69,554	0.0457	0.9543	45.56
62.5	1,406,367	12,506	0.0089	0.9911	43.48
63.5	521,876	126	0.0002	0.9998	43.09
64.5	519,282	4,465	0.0086	0.9914	43.08
65.5	511,307	33,868	0.0662	0.9338	42.71
66.5	474,955	2,951	0.0062	0.9938	39.88
67.5	460,342	25,425	0.0552	0.9448	39.63
68.5	315,096	0	0.0000	1.0000	37.45
69.5	290,294	215	0.0007	0.9993	37.45
70.5	289,767	0	0.0000	1.0000	37.42
71.5	289,767	201	0.0007	0.9993	37.42
72.5	288,944	31,774	0.1100	0.8900	37.39
73.5	257,118	508	0.0020	0.9980	33.28
74.5	256,236	22,203	0.0867	0.9134	33.21
75.5	233,728	9,314	0.0399	0.9602	30.34
76.5	224,414	0	0.0000	1.0000	29.13
77.5	224,414	0	0.0000	1.0000	29.13
78.5	224,414	50	0.0002	0.9998	29.13
79.5	132,387	6,375	0.0482	0.9518	29.12
80.5	125,145	0	0.0000	1.0000	27.72
81.5	125,062	0	0.0000	1.0000	27.72
82.5	124,939	0	0.0000	1.0000	27.72
83.5	115,334	48	0.0004	0.9996	27.72
84.5	115,286	0	0.0000	1.0000	27.71
85.5	115,286	2,038	0.0177	0.9823	27.71
86.5	113,248	3,793	0.0335	0.9665	27.22
87.5	109,455	0	0.0000	1.0000	26.31
88.5	44,142	24,987	0.5661	0.4339	26.31
89.5	19,155	0	0.0000	1.0000	11.42
90.5	19,155	0	0.0000	1.0000	11.42

**SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 2017
OBSERVED LIFE TABLE - ACCOUNT 390 STRUCTURES & IMPROVEMENTS**

Placement Band 1921 to 2019
Observation Band 1921 to 2019

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Interval
91.5	19,067	0	0.0000	1.0000	11.42
92.5	19,067	9,116	0.4781	0.5219	11.42
93.5	9,952	2,093	0.2103	0.7897	5.96
94.5	7,859	1,414	0.1799	0.8201	4.71
95.5	0	0	0.0000	1.0000	3.86

SOUTHWESTERN ELECTRIC POWER COMPANY
DEPRECIATION STUDY AS OF DECEMBER 31, 2019
DEPRECIATION STUDY WORKPAPERS
SALVAGE AND REMOVAL ANALYSIS
GENERAL PLANT

**Southwestern Electric Power Company
Net Salvage Analysis - General Plant
Depreciation Study as of December 31, 2019**

GENERAL PLANT ACCOUNT 390, Structures and Improvements

Year	Retirements	Salvage Amount	Salvage %	Salvage 10 Yr. Avg	Removal Amount	Removal %	Removal 10 Yr Avg	Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
1984	105,164	0	0.00		15,337	14.58		-15,337	-14.58	
1985	54,215	120	0.22		17,397	32.09		-17,277	-31.87	
1986	387,516	0	0.00		175,371	45.26		-175,371	-45.26	
1987	76,627	250	0.33		36,226	47.28		-35,976	-46.95	
1988	118,814	69,530	58.52		24,020	20.22		45,510	38.30	
1989	86,833	0	0.00		15,223	17.53		-15,223	-17.53	
1990	140,069	0	0.00		188,703	134.72		-188,703	-134.72	
1991	294,473	111,069	37.72		76,664	26.03		34,405	11.68	
1992	404,520	10	0.00		70,621	17.46		-70,611	-17.46	
1993	85,230	0	0.00	10.32	44,796	52.56	37.89	-44,796	-52.56	-27.57
1994	0	0	0.00	10.98	0	0.00	39.38	0	0.00	-28.40
1995	0	0	0.00	11.35	0	0.00	39.62	0	0.00	-28.28
1996	3,589,999	295	0.01	3.78	2,916,914	81.25	70.32	-2,916,619	-81.24	-66.55
1997	130,869	758	0.58	3.75	110,443	84.39	71.07	-109,685	-83.81	-67.32
1998	0	0	0.00	2.37	0	0.00	72.35	0	0.00	-69.98
1999	2,975,748	275,968	9.27	5.09	34,610	1.16	45.18	241,358	8.11	-40.08
2000	401,670	0	0.00	4.92	0	0.00	41.28	0	0.00	-36.36
2001	0	0	0.00	3.65	0	0.00	41.87	0	0.00	-38.22
2002	283,033	0	0.00	3.71	2,436	0.86	41.64	-2,436	-0.86	-37.93
2003	2,783	0	0.00	3.75	168	6.04	41.50	-168	-6.04	-37.75
2004	5,439,435	1,967,407	36.17	17.50	119,343	2.19	24.83	1,848,064	33.98	-7.33
2005	1	0	0.00	17.50	0	0.00	24.83	0	0.00	-7.33
2006	649,590	127,867	19.68	24.00	25,703	3.96	2.96	102,164	15.73	21.04
2007	590,099	0	0.00	22.93	169,080	28.65	3.40	-169,080	-28.65	19.53
2008	562,615	229,686	40.82	23.85	15,113	2.69	3.36	214,573	38.14	20.49
2009	1,535,833	0	0.00	24.56	0	0.00	3.51	0	0.00	21.06
2010	20,209	0	0.00	25.60	0	0.00	3.65	0	0.00	21.94
2011	91,073	0	0.00	25.34	44,765	49.15	4.10	-44,765	-49.15	21.24
2012	1,794,406	0	0.00	21.76	0	0.00	3.50	0	0.00	18.26
2013	70,502	0	0.00	21.62	29,294	41.55	3.75	-29,294	-41.55	17.87
2014	800,818	88,565	11.06	7.30	261,853	32.70	8.93	-173,288	-21.64	-1.63
2015	210,152	47,813	22.75	7.81	13,297	6.33	8.84	34,516	16.42	-1.03
2016	2,432,376	242,131	9.95	7.50	66,181	2.72	7.39	175,951	7.23	0.11
2017	658,033	0	0.00	7.44	105,612	16.05	6.56	-105,612	-16.05	0.88
2018	1,036,376	0	0.00	4.38	56,862	5.49	6.68	-56,862	-5.49	-2.30
2019	<u>817,606</u>	<u>0</u>	<u>0.00</u>	<u>4.77</u>	<u>181,995</u>	<u>22.26</u>	<u>9.58</u>	<u>-181,995</u>	<u>-22.26</u>	<u>-4.81</u>
	25,846,689	3,161,469	12.23		4,818,028	18.64		-1,656,558	-6.41	

Net Salvage factors have fluctuated for account 390. The 2019 10 year average and life to date average are between -5% and -6%. I recommend that we move to the 10 year average which uses a 5% gross salvage, a 10% gross removal yielding a -5% net salvage.

**Southwestern Electric Power Company
Net Salvage Analysis - General Plant
Depreciation Study as of December 31, 2019**

GENERAL PLANT ACCOUNT 391, Office Furniture and Equipment

Year	Retirements	Salvage Amount	Salvage %	Salvage 10 Yr. Avg	Removal Amount	Removal %	Removal 10 Yr Avg	Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
1984	41,218	1,134	2.75		1,779	4.32		-645	-1.56	
1985	67,201	8,829	13.14		1,117	1.66		7,712	11.48	
1986	34,933	160	0.46		2,490	7.13		-2,330	-6.67	
1987	29,228	630	2.16		3,365	11.51		-2,735	-9.36	
1988	94,327	1,475	1.56		3,660	3.88		-2,185	-2.32	
1989	26,903	331	1.23		1,920	7.14		-1,589	-5.91	
1990	110,222	17,176	15.58		6,358	5.77		10,818	9.81	
1991	90,088	365	0.41		3,179	3.53		-2,814	-3.12	
1992	98,897	1,497	1.51		2,961	2.99		-1,464	-1.48	
1993	971,591	27,929	2.87	3.80	9,665	0.99	2.33	18,264	1.88	1.47
1994	18,131	0	0.00	3.79	0	0.00	2.25	0	0.00	1.54
1995	0	0	0.00	3.36	0	0.00	2.28	0	0.00	1.08
1996	534,858	0	0.00	2.50	0	0.00	1.58	0	0.00	0.93
1997	33,642	0	0.00	2.47	0	0.00	1.40	0	0.00	1.06
1998	0	0	0.00	2.51	0	0.00	1.28	0	0.00	1.23
1999	5,403	84	1.55	2.53	63	1.16	1.19	21	0.39	1.33
2000	203,786	752	0.37	1.57	0	0.00	0.81	752	0.37	0.75
2001	76,112	0	0.00	1.56	0	0.00	0.65	0	0.00	0.90
2002	0	0	0.00	1.56	0	0.00	0.53	0	0.00	1.03
2003	185,505	0	0.00	0.08	0	0.00	0.01	0	0.00	0.07
2004	39,196	0	0.00	0.08	0	0.00	0.01	0	0.00	0.07
2005	533,402	0	0.00	0.05	0	0.00	0.00	0	0.00	0.05
2006	132,123	0	0.00	0.07	0	0.00	0.01	0	0.00	0.06
2007	149,720	0	0.00	0.06	0	0.00	0.00	0	0.00	0.06
2008	157,512	0	0.00	0.06	0	0.00	0.00	0	0.00	0.05
2009	0	0	0.00	0.05	0	0.00	0.00	0	0.00	0.05
2010	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2011	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2012	284,256	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2013	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2014	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2015	530,234	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2016	518,369	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2017	214,004	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2018	154,963	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2019	<u>294,396</u>	<u>0</u>	0.00	0.00	<u>143</u>	0.05	0.01	<u>-143</u>	-0.05	-0.01
	5,630,220	60,362	1.07		36,699	0.65		23,663	0.42	

Net Salvage factors have historically been low for account 391. Based on the above analysis, the net salvage parameters should be updated using a gross salvage factor of 1% and a 1% gross removal yielding a 0% net salvage

**Southwestern Electric Power Company
Net Salvage Analysis - General Plant
Depreciation Study as of December 31, 2019**

GENERAL PLANT ACCOUNT 39111, Computers

Year	Retirements	Salvage Amount	Salvage %	Salvage 10 Yr. Avg	Removal Amount	Removal %	Removal 10 Yr Avg	Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
1985	10,517	0	0.00		0	0.00		0	0.00	
1986	5,300	50	0.94		0	0.00		50	0.94	
1987	16,593	50	0.30		0	0.00		50	0.30	
1988	8,180	0	0.00		0	0.00		0	0.00	
1989	1,316	0	0.00		0	0.00		0	0.00	
1990	1,270	0	0.00		0	0.00		0	0.00	
1991	33,463	0	0.00		0	0.00		0	0.00	
1992	72,603	250	0.34		0	0.00		250	0.34	
1993	0	0	0.00		0	0.00		0	0.00	
1994	0	0	0.00	0.23	0	0.00	0.00	0	0.00	0.23
1995	0	0	0.00	0.25	0	0.00	0.00	0	0.00	0.25
1996	2,875,430	0	0.00	0.01	0	0.00	0.00	0	0.00	0.01
1997	0	0	0.00	0.01	0	0.00	0.00	0	0.00	0.01
1998	0	0	0.00	0.01	0	0.00	0.00	0	0.00	0.01
1999	0	0	0.00	0.01	0	0.00	0.00	0	0.00	0.01
2000	10,174,432	18,380	0.18	0.14	0	0.00	0.00	18,380	0.18	0.14
2001	626,911	0	0.00	0.14	0	0.00	0.00	0	0.00	0.14
2002	0	0	0.00	0.13	0	0.00	0.00	0	0.00	0.13
2003	0	0	0.00	0.13	0	0.00	0.00	0	0.00	0.13
2004	0	0	0.00	0.13	0	0.00	0.00	0	0.00	0.13
2005	0	0	0.00	0.13	0	0.00	0.00	0	0.00	0.13
2006	14,023,886	0	0.00	0.07	0	0.00	0.00	0	0.00	0.07
2007	467,338	0	0.00	0.07	0	0.00	0.00	0	0.00	0.07
2008	2,483	0	0.00	0.07	1	0.04	0.00	-1	-0.04	0.07
2009	0	0	0.00	0.07	0	0.00	0.00	0	0.00	0.07
2010	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2011	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2012	4,561	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2013	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2014	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2015	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2016	13,397	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2017	406,861	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2018	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2019	<u>26,188</u>	<u>0</u>	<u>0.00</u>	<u>0.00</u>	<u>0</u>	<u>0.00</u>	<u>0.00</u>	<u>0</u>	<u>0.00</u>	<u>0.00</u>
	28,770,727	18,730	0.07		1	0.00		18,729	0.07	

Net Salvage factors have historically been low for account 39111. Based on the above analysis, the net salvage parameters from the prior study should be retained using a gross salvage factor of 0% and a 0% gross removal yielding a 0% net salvage.

**Southwestern Electric Power Company
Net Salvage Analysis - General Plant
Depreciation Study as of December 31, 2019**

GENERAL PLANT ACCOUNT 392, Transportation Equipment

Year	Retirements	Salvage Amount	Salvage %	Salvage 10 Yr. Avg	Removal Amount	Removal %	Removal 10 Yr Avg	Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
1998	751,436	111,602	14.85		20,182	2.69		91,420	12.17	
1999	607,249	19,105	3.15		0	0.00		19,105	3.15	
2000	4,263,668	758,661	17.79		0	0.00		758,661	17.79	
2001	3,442,558	609,508	17.71		0	0.00		609,508	17.71	
2002	1,253,912	0	0.00		0	0.00		0	0.00	
2003	6,955,758	122,412	1.76		21	0.00		122,390	1.76	
2004	2,113,647	86,724	4.10		-332	-0.02		87,056	4.12	
2005	850,455	0	0.00		-15,478	-1.82		15,478	1.82	
2006	1,080,443	230,182	21.30		0	0.00		230,182	21.30	
2007	2,284,376	71,713	3.14	8.52	4,771	0.21	0.04	66,942	2.93	8.48
2008	340,757	49,807	14.62	8.40	0	0.00	-0.05	49,807	14.62	8.45
2009	2,382,486	31,686	1.33	7.85	0	0.00	-0.04	31,686	1.33	7.90
2010	0	0	0.00	5.81	0	0.00	-0.05	0	0.00	5.86
2011	0	0	0.00	3.43	0	0.00	-0.06	0	0.00	3.50
2012	0	0	0.00	3.70	0	0.00	-0.07	0	0.00	3.77
2013	0	0	0.00	5.19	0	0.00	-0.12	0	0.00	5.32
2014	0	0	0.00	5.53	0	0.00	-0.15	0	0.00	5.68
2015	0	0	0.00	6.30	0	0.00	0.08	0	0.00	6.22
2016	0	0	0.00	3.06	0	0.00	0.10	0	0.00	2.96
2017	0	0	0.00	2.99	0	0.00	0.00	0	0.00	2.99
2018	0	0	0.00	1.33	0	0.00	0.00	0	0.00	1.33
2019	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
	26,326,745	2,091,401	7.94		9,164	0.03		2,082,237	7.91	

Net Salvage factors have historically been positive for account 392 and has been 0% in the last 10 years. Considering that net salvage has historically been positive but has also been 0% in recent years, I recommend using the 10 year averages from 2016 and 2017 which uses a gross salvage factor of 3% and a 0% gross removal yielding an 3% net salvage.

**Southwestern Electric Power Company
Net Salvage Analysis - General Plant
Depreciation Study as of December 31, 2019**

GENERAL PLANT ACCOUNT 393, Stores Equipment

Year	Retirements	Salvage Amount	Salvage %	Salvage 10 Yr. Avg	Removal Amount	Removal %	Removal 10 Yr Avg	Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
1986	6,429	0	0.00		296	4.60		-296	-4.60	
1987	0	0	0.00		0	0.00		0	0.00	
1988	0	0	0.00		0	0.00		0	0.00	
1989	349	0	0.00		23	6.59		-23	-6.59	
1990	8,676	600	6.92		505	5.82		95	1.09	
1991	8,786	1,355	15.42		255	2.90		1,100	12.52	
1992	22,217	1,400	6.30		398	1.79		1,002	4.51	
1993	307	0	0.00		3	0.98		-3	-0.98	
1994	0	0	0.00		0	0.00		0	0.00	
1995	0	0	0.00	7.17	0	0.00	3.16	0	0.00	4.01
1996	52,213	0	0.00	3.63	0	0.00	1.28	0	0.00	2.35
1997	573	0	0.00	3.60	0	0.00	1.27	0	0.00	2.33
1998	0	0	0.00	3.60	0	0.00	1.27	0	0.00	2.33
1999	3,141	49	1.55	3.55	37	1.17	1.25	12	0.39	2.30
2000	31,582	167	0.53	2.50	0	0.00	0.58	167	0.53	1.92
2001	21,916	0	0.00	1.22	0	0.00	0.33	0	0.00	0.89
2002	0	0	0.00	0.20	0	0.00	0.04	0	0.00	0.16
2003	7,276	0	0.00	0.18	0	0.00	0.03	0	0.00	0.15
2004	14,052	0	0.00	0.16	0	0.00	0.03	0	0.00	0.14
2005	46,266	0	0.00	0.12	0	0.00	0.02	0	0.00	0.10
2006	6,751	0	0.00	0.16	7,441	110.22	5.68	-7,441	-110.22	-5.52
2007	7,286	0	0.00	0.16	0	0.00	5.41	0	0.00	-5.25
2008	0	0	0.00	0.16	0	0.00	5.41	0	0.00	-5.25
2009	0	0	0.00	0.12	0	0.00	5.51	0	0.00	-5.38
2010	0	0	0.00	0.00	0	0.00	7.19	0	0.00	-7.19
2011	0	0	0.00	0.00	0	0.00	9.12	0	0.00	-9.12
2012	0	0	0.00	0.00	0	0.00	9.12	0	0.00	-9.12
2013	0	0	0.00	0.00	0	0.00	10.01	0	0.00	-10.01
2014	0	0	0.00	0.00	0	0.00	12.34	0	0.00	-12.34
2015	0	0	0.00	0.00	0	0.00	53.01	0	0.00	-53.01
2016	15,188	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2017	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2018	4,691	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2019	<u>4,857</u>	<u>0</u>	<u>0.00</u>	<u>0.00</u>	<u>0</u>	<u>0.00</u>	<u>0.00</u>	<u>0</u>	<u>0.00</u>	<u>0.00</u>
	262,557	3,570	1.36		8,958	3.41		-5,387	-2.05	

Net Salvage factors have historically been negative for account 393. Based on the above analysis, the net salvage parameters should be changed using a gross salvage factor of 1% and a 3% gross removal yielding the same -2% net salvage.

**Southwestern Electric Power Company
Net Salvage Analysis - General Plant
Depreciation Study as of December 31, 2019**

GENERAL PLANT ACCOUNT 394, Tools, Shop and Garage Equipment

Year	Retirements	Salvage Amount	Salvage %	Salvage 10 Yr. Avg	Removal Amount	Removal %	Removal 10 Yr Avg	Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
1984	14,827	0	0.00		561	3.78		-561	-3.78	
1985	18,550	80	0.43		245	1.32		-165	-0.89	
1986	17,988	0	0.00		855	4.75		-855	-4.75	
1987	31,917	388	1.22		2,054	6.44		-1,666	-5.22	
1988	22,953	10	0.04		781	3.40		-771	-3.36	
1989	29,104	25	0.09		3,660	12.58		-3,635	-12.49	
1990	44,328	0	0.00		2,968	6.70		-2,968	-6.70	
1991	51,107	400	0.78		1,484	2.90		-1,084	-2.12	
1992	68,180	0	0.00		1,142	1.67		-1,142	-1.67	
1993	85,587	533	0.62	0.37	844	0.99	3.80	-311	-0.36	-3.42
1994	0	0	0.00	0.39	0	0.00	3.80	0	0.00	-3.41
1995	0	0	0.00	0.39	0	0.00	3.93	0	0.00	-3.54
1996	243,431	0	0.00	0.24	0	0.00	2.24	0	0.00	-2.01
1997	21,072	0	0.00	0.17	0	0.00	1.92	0	0.00	-1.75
1998	0	0	0.00	0.18	0	0.00	1.86	0	0.00	-1.68
1999	1	0	2.06	0.18	0	0.00	1.25	0	2.06	-1.07
2000	270,004	1,294	0.48	0.30	0	0.00	0.47	1,294	0.48	-0.17
2001	29,134	0	0.00	0.25	0	0.00	0.28	0	0.00	-0.02
2002	0	0	0.00	0.28	0	0.00	0.13	0	0.00	0.15
2003	130,545	0	0.00	0.19	0	0.00	0.00	0	0.00	0.19
2004	74,461	0	0.00	0.17	0	0.00	0.00	0	0.00	0.17
2005	568,819	0	0.00	0.10	0	0.00	0.00	0	0.00	0.10
2006	180,869	0	0.00	0.10	0	0.00	0.00	0	0.00	0.10
2007	205,684	0	0.00	0.09	0	0.00	0.00	0	0.00	0.09
2008	143,803	0	0.00	0.08	0	0.00	0.00	0	0.00	0.08
2009	0	0	0.00	0.08	0	0.00	0.00	0	0.00	0.08
2010	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2011	19,210	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2012	15,734	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2013	14,950	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2014	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2015	15,075	0	0.00	0.00	11,074	73.46	1.86	-11,074	-73.46	-1.86
2016	0	0	0.00	0.00	0	0.00	2.67	0	0.00	-2.67
2017	0	0	0.00	0.00	0	0.00	5.30	0	0.00	-5.30
2018	0	0	0.00	0.00	0	0.00	17.05	0	0.00	-17.05
2019	0	0	0.00	0.00	0	0.00	17.05	0	0.00	-17.05
	2,317,334	2,730	0.12		25,668	1.11		-22,939	-0.99	

Net Salvage factors have historically been slightly negative for account 394. Based on the above analysis, the net salvage parameters should remain unchanged using a gross salvage factor of 0% and a 1% gross removal yielding an -1% net salvage.

**Southwestern Electric Power Company
Net Salvage Analysis - General Plant
Depreciation Study as of December 31, 2019**

GENERAL PLANT ACCOUNT 395, Laboratory Equipment

Year	Retirements	Salvage Amount	Salvage %	Salvage 10 Yr. Avg	Removal Amount	Removal %	Removal 10 Yr Avg	Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
1984	7,513	0	0.00		284	3.78		-284	-3.78	
1985	7,587	0	0.00		104	1.37		-104	-1.37	
1986	9,245	0	0.00		432	4.67		-432	-4.67	
1987	15,114	0	0.00		1,093	7.23		-1,093	-7.23	
1988	6,815	2,000	29.35		232	3.40		1,768	25.94	
1989	13,170	161	1.22		870	6.61		-709	-5.38	
1990	20,198	0	0.00		1,091	5.40		-1,091	-5.40	
1991	8,787	0	0.00		255	2.90		-255	-2.90	
1992	76,828	0	0.00		1,287	1.68		-1,287	-1.68	
1993	44,646	0	0.00	1.03	440	0.99	2.90	-440	-0.99	-1.87
1994	3,072	0	0.00	1.05	16,975	552.57	11.09	-16,975	-552.57	-10.03
1995	0	0	0.00	1.09	0	0.00	11.46	0	0.00	-10.37
1996	104,859	0	0.00	0.74	0	0.00	7.58	0	0.00	-6.84
1997	12,431	0	0.00	0.74	0	0.00	7.27	0	0.00	-6.53
1998	0	0	0.00	0.06	0	0.00	7.37	0	0.00	-7.31
1999	60,637	942	1.55	0.28	705	1.16	6.26	237	0.39	-5.98
2000	145,749	485	0.33	0.31	0	0.00	4.30	485	0.33	-3.99
2001	11,273	0	0.00	0.31	0	0.00	4.22	0	0.00	-3.91
2002	0	0	0.00	0.37	0	0.00	4.74	0	0.00	-4.36
2003	14,693	0	0.00	0.40	0	0.00	5.01	0	0.00	-4.61
2004	28,454	0	0.00	0.38	0	0.00	0.19	0	0.00	0.19
2005	258,448	0	0.00	0.22	0	0.00	0.11	0	0.00	0.11
2006	28,882	0	0.00	0.25	0	0.00	0.13	0	0.00	0.13
2007	98,053	0	0.00	0.22	0	0.00	0.11	0	0.00	0.11
2008	114,502	0	0.00	0.19	0	0.00	0.09	0	0.00	0.09
2009	0	0	0.00	0.07	0	0.00	0.00	0	0.00	0.07
2010	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2011	13,211	0	0.00	0.00	62	0.47	0.01	-62	-0.47	-0.01
2012	0	0	0.00	0.00	0	0.00	0.01	0	0.00	-0.01
2013	0	0	0.00	0.00	0	0.00	0.01	0	0.00	-0.01
2014	0	0	0.00	0.00	0	0.00	0.01	0	0.00	-0.01
2015	0	0	0.00	0.00	0	0.00	0.02	0	0.00	-0.02
2016	0	0	0.00	0.00	0	0.00	0.03	0	0.00	-0.03
2017	0	0	0.00	0.00	0	0.00	0.05	0	0.00	-0.05
2018	0	0	0.00	0.00	0	0.00	0.47	0	0.00	-0.47
2019	0	0	0.00	0.00	0	0.00	0.47	0	0.00	-0.47
	1,104,167	3,588	0.32		23,830	2.16		-20,242	-1.83	

Net Salvage factors have historically been slightly negative for account 395. Based on the above analysis, the net salvage parameters should remain unchanged using a gross salvage factor of 0% and a 2% gross removal yielding a -2% net salvage.

**Southwestern Electric Power Company
Net Salvage Analysis - General Plant
Depreciation Study as of December 31, 2019**

GENERAL PLANT ACCOUNT 396, Power Operated Equipment

Year	Retirements	Salvage Amount	Salvage %	Salvage 10 Yr. Avg	Removal Amount	Removal %	Removal 10 Yr Avg	Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
1988	31,492	8,000	25.40		1,072	3.40		6,928	22.00	
1989	0	0	0.00		0	0.00		0	0.00	
1990	0	0	0.00		0	0.00		0	0.00	
1991	10,757	0	0.00		312	2.90		-312	-2.90	
1992	0	0	0.00		0	0.00		0	0.00	
1993	62,667	18,877	30.12		878	1.40		17,999	28.72	
1994	47,610	0	0.00		0	0.00		0	0.00	
1995	0	0	0.00		0	0.00		0	0.00	
1996	0	0	0.00		0	0.00		0	0.00	
1997	0	0	0.00	17.62	0	0.00	1.48	0	0.00	16.14
1998	0	0	0.00	15.60	0	0.00	0.98	0	0.00	14.61
1999	113,668	0	0.00	8.04	1,322	1.16	1.07	-1,322	-1.16	6.97
2000	10,791	8,193	75.92	11.03	0	0.00	1.02	8,193	75.92	10.00
2001	71,972	0	0.00	8.83	0	0.00	0.72	0	0.00	8.11
2002	0	0	0.00	8.83	0	0.00	0.72	0	0.00	8.11
2003	25,180	0	0.00	3.04	0	0.00	0.49	0	0.00	2.55
2004	19,125	0	0.00	3.40	0	0.00	0.55	0	0.00	2.85
2005	78,738	0	0.00	2.56	0	0.00	0.41	0	0.00	2.15
2006	19,240	0	0.00	2.42	0	0.00	0.39	0	0.00	2.03
2007	41,908	0	0.00	2.15	0	0.00	0.35	0	0.00	1.81
2008	8,821	0	0.00	2.10	0	0.00	0.34	0	0.00	1.76
2009	214,735	0	0.00	1.67	0	0.00	0.00	0	0.00	1.67
2010	60,831	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2011	46,917	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2012	195,616	8,982	4.59	1.26	0	0.00	0.00	8,982	4.59	1.26
2013	1,042,474	0	0.00	0.52	0	0.00	0.00	0	0.00	0.52
2014	0	0	0.00	0.53	0	0.00	0.00	0	0.00	0.53
2015	0	0	0.00	0.55	0	0.00	0.00	0	0.00	0.55
2016	0	0	0.00	0.56	0	0.00	0.00	0	0.00	0.56
2017	0	0	0.00	0.57	0	0.00	0.00	0	0.00	0.57
2018	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
2019	0	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
	2,102,542	44,052	2.10		3,584	0.17		40,467	1.92	

Net Salvage factors have historically been positive for account 396. Based on the recent account history, the net salvage parameters should remain unchanged using a gross salvage factor of 2% and a 0% gross removal yielding a 2% net salvage

**Southwestern Electric Power Company
Net Salvage Analysis - General Plant
Depreciation Study as of December 31, 2019**

GENERAL PLANT ACCOUNT 397, Communication Equipment

Year	Retirements	Salvage		Salvage 10 Yr. Avg	Removal Amount	Removal %	Removal		Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
		Amount	Salvage %				10 Yr Avg				
1984	32,719	0	0.00		1,283	3.92			-1,283	-3.92	
1985	290,938	6,289	2.16		5,823	2.00			466	0.16	
1986	4,896	0	0.00		1,096	22.39			-1,096	-22.39	
1987	1,922	0	0.00		192	9.99			-192	-9.99	
1988	30,067	1,208	4.02		2,457	8.17			-1,249	-4.15	
1989	33,925	8,268	24.37		2,751	8.11			5,517	16.26	
1990	64,884	7,197	11.09		4,115	6.34			3,082	4.75	
1991	159,805	1,605	1.00		5,576	3.49			-3,971	-2.48	
1992	49,408	202	0.41		2,662	5.39			-2,460	-4.98	
1993	26,386	2,410	9.13	3.91	2,412	9.14	4.08		-2	-0.01	-0.17
1994	2,199	0	0.00	4.09	0	0.00	4.08		0	0.00	0.01
1995	0	0	0.00	5.59	0	0.00	5.69		0	0.00	-0.10
1996	22,000	0	0.00	5.35	0	0.00	5.16		0	0.00	0.19
1997	1,800	0	0.00	5.35	0	0.00	5.12		0	0.00	0.23
1998	0	0	0.00	5.46	0	0.00	4.86		0	0.00	0.60
1999	1,232,787	0	0.00	0.73	0	0.00	0.95		0	0.00	-0.21
2000	556,941	-2,910	-0.52	0.06	0	0.00	0.52		-2,910	-0.52	-0.46
2001	214,785	0	0.00	-0.01	0	0.00	0.24		0	0.00	-0.26
2002	0	0	0.00	-0.02	0	0.00	0.12		0	0.00	-0.14
2003	2,733	6,443	235.73	0.17	-384	-14.04	-0.02		6,827	249.77	0.19
2004	2,225	4,564	205.18	0.40	-120	-5.39	-0.02		4,684	210.57	0.42
2005	710,140	4,849	0.68	0.47	-4,984	-0.70	-0.20		9,833	1.38	0.67
2006	187,037	26,090	13.95	1.34	124	0.07	-0.18		25,966	13.88	1.53
2007	72,431	93,963	129.73	4.46	-1,794	-2.48	-0.24		95,757	132.20	4.70
2008	244,497	12,837	5.25	4.52	0	0.00	-0.22		12,837	5.25	4.75
2009	342,250	12,123	3.54	6.77	3,604	1.05	-0.15		8,519	2.49	6.92
2010	1,847,614	1,294	0.07	4.48	0	0.00	-0.10		1,294	0.07	4.57
2011	326,295	0	0.00	4.34	0	0.00	-0.10		0	0.00	4.44
2012	479,342	0	0.00	3.85	0	0.00	-0.08		0	0.00	3.93
2013	2,594,090	0	0.00	2.29	212	0.01	-0.04		-212	-0.01	2.33
2014	430,204	0	0.00	2.09	58	0.01	-0.04		-58	-0.01	2.13
2015	4,351	0	0.00	2.24	1,386	31.84	0.06		-1,386	-31.84	2.19
2016	30,141,043	0	0.00	0.33	131	0.00	0.01		-131	0.00	0.32
2017	7,864,208	0	0.00	0.06	1,673	0.02	0.02		-1,673	-0.02	0.04
2018	3,424,206	0	0.00	0.03	225	0.01	0.02		-225	-0.01	0.01
2019	<u>3,514,419</u>	<u>75</u>	<u>0.00</u>	<u>0.00</u>	<u>4,161</u>	<u>0.12</u>	<u>0.02</u>		<u>-4,086</u>	<u>-0.12</u>	<u>-0.01</u>
	54,912,548	186,507	0.34		32,660	0.06			153,847	0.28	

Net Salvage factors have historically been positive for account 397. Based on the above analysis, the net salvage parameters should be changed using a gross salvage factor of 0% and a 0% gross removal yielding a 0% net salvage.

**Southwestern Electric Power Company
Net Salvage Analysis - General Plant
Depreciation Study as of December 31, 2019**

GENERAL PLANT ACCOUNT 398, Miscellaneous Equipment

Year	Retirements	Salvage Amount	Salvage %	Salvage 10 Yr. Avg	Removal Amount	Removal %	Removal 10 Yr Avg	Net Salvg Amt	Net Salvg %	Net Salvg 10 Yr Avg
1984	8,115	1,704	21.00		634	7.81		1,070	13.19	
1985	2,346	0	0.00		31	1.32		-31	-1.32	
1986	6,999	0	0.00		323	4.61		-323	-4.61	
1987	2,550	301	11.80		264	10.35		37	1.45	
1988	4,410	0	0.00		150	3.40		-150	-3.40	
1989	1,370	0	0.00		91	6.64		-91	-6.64	
1990	6,585	10	0.15		356	5.41		-346	-5.25	
1991	2,401	0	0.00		70	2.92		-70	-2.92	
1992	7,773	1,640	21.10		280	3.60		1,360	17.50	
1993	13,504	4,410	32.66	14.39	133	0.98	4.16	4,277	31.67	10.23
1994	0	0	0.00	13.27	0	0.00	3.54	0	0.00	9.73
1995	0	0	0.00	13.95	0	0.00	3.66	0	0.00	10.30
1996	140,109	0	0.00	3.56	0	0.00	0.75	0	0.00	2.81
1997	32,649	0	0.00	2.90	0	0.00	0.52	0	0.00	2.39
1998	0	0	0.00	2.96	0	0.00	0.46	0	0.00	2.51
1999	0	0	0.00	2.98	0	0.00	0.41	0	0.00	2.57
2000	32,315	183	0.57	2.72	0	0.00	0.21	183	0.57	2.51
2001	0	0	0.00	2.75	0	0.00	0.18	0	0.00	2.57
2002	0	0	0.00	2.10	0	0.00	0.06	0	0.00	2.04
2003	0	0	0.00	0.09	0	0.00	0.00	0	0.00	0.09
2004	0	0	0.00	0.09	0	0.00	0.00	0	0.00	0.09
2005	27,379	0	0.00	0.08	0	0.00	0.00	0	0.00	0.08
2006	62,046	0	0.00	0.12	0	0.00	0.00	0	0.00	0.12
2007	26,846	0	0.00	0.12	0	0.00	0.00	0	0.00	0.12
2008	40,716	0	0.00	0.10	910	2.23	0.48	-910	-2.23	-0.38
2009	114,149	0	0.00	0.06	0	0.00	0.30	0	0.00	-0.24
2010	86,776	0	0.00	0.00	790	0.91	0.48	-790	-0.91	-0.48
2011	18,582	0	0.00	0.00	0	0.00	0.45	0	0.00	-0.45
2012	93,420	0	0.00	0.00	0	0.00	0.36	0	0.00	-0.36
2013	183,395	0	0.00	0.00	0	0.00	0.26	0	0.00	-0.26
2014	14,890	0	0.00	0.00	0	0.00	0.25	0	0.00	-0.25
2015	0	0	0.00	0.00	0	0.00	0.27	0	0.00	-0.27
2016	28,470	0	0.00	0.00	1	0.00	0.28	-1	0.00	-0.28
2017	135,298	0	0.00	0.00	0	0.00	0.24	0	0.00	-0.24
2018	286,322	0	0.00	0.00	103	0.04	0.09	-103	-0.04	-0.09
2019	<u>210,229</u>	<u>1</u>	0.00	0.00	<u>5</u>	0.00	0.09	<u>-4</u>	0.00	-0.09
	1,589,642	8,248	0.52		4,141	0.26		4,107	0.26	

Net Salvage factors have historically been slightly positive for account 398. Based on the above analysis, the gross salvage parameters should be changed using a gross salvage factor of 0% and a 0% gross removal yielding a 0% net salvage.

SOUTHWESTERN ELECTRIC POWER COMPANY
DESCRIPTION OF COMPANY

Southwestern Electric Power Company (SWEPCO), an electric utility company, is a wholly owned subsidiary of American Electric Power Company, Inc. (AEP). AEP is a public utility holding company incorporated under the laws of the state of New York in 1906 and reorganized in 1925. The corporate headquarters are in Columbus, Ohio. AEP, through its subsidiaries, is one of the largest electric utilities in the United States, delivering electricity to more than 5 million customers in 11 states. AEP and its subsidiaries are collectively referred to as the AEP System.

SWEPCO is engaged in the generation, transmission and distribution of electric power to approximately 543,000 retail customers in a 33,696 square mile area of western Arkansas, northwestern Louisiana, northeastern Texas and the Panhandle area of North Texas. Of the total SWEPCO retail customers, approximately 188,000 are located in Texas. SWEPCO also supplies and markets electric power at wholesale to municipalities, rural electric cooperatives and other electric utility companies. SWEPCO supplies power through FERC-approved full or partial requirements contracts to six wholesale customers in Texas, Arkansas, and Louisiana. Two of SWEPCO's six wholesale customer contracts are with electric cooperatives in Texas, namely East Texas Electric Cooperative (ETEC) and Northeast Texas Electric Cooperative (NTEC). Through these wholesale arrangements, SWEPCO generation supplies cooperatives serving approximately 240,000 retail customers in Texas, including several military installations, colleges, and universities.

SWEPCO is regulated by: the 65 municipalities it serves in Texas (more than ten have ceded jurisdiction); the Public Utility Commission of Texas; the Louisiana Public Service Commission; the Arkansas Public Service Commission; and the Federal Energy Regulatory Commission. In addition to its AEP System Interconnection, SWEPCO is interconnected with CLECO Corp., Empire District Electric Co., Entergy Corp. and Oklahoma Gas and Electric. SWEPCO is a member of the Southwest Power Pool, a Regional Transmission Organization (RTO).

SOUTHWESTERN ELECTRIC POWER COMPANY
DESCRIPTION OF COMPANY

Among the principal industries served by SWEPCO are natural gas and oil production, petroleum refining, manufacturing of pulp and paper, chemicals, food processing and metal refining.

Attached is a list of AEP subsidiary companies / SWEPCO affiliates. The list provides the company/affiliates name, principle business purpose, and date of establishment. The last column indicates whether this affiliate had any transactions with SWEPCO during the test year. These transactions are further discussed in the testimony of SWEPCO witness Brian Frantz.

Southwestern Electric Power Company
Schedule F - List of Affiliates
For the Test Year Ended March 31, 2020

Line No	Company Name	Note - Purpose	Organized	Transactions with SWEPCo During the Test Year
00	American Electric Power Company, Inc. [Note A]	Public utility holding company	12/20/1906	
01	Abstract Digital, LLC [Note I]	Non-regulated energy-related services and products	12/18/2019	
01	AEP Coal, Inc. [Note L]	Coal mining (active)	10/29/2001	
02	AEP Kentucky Coal, LLC [Note L]	Coal mining (active)	10/29/2001	
02	Snowcap Coal Company, Inc. [Note L]	Coal mining (active)	10/29/2001	
01	AEP Credit, Inc. [Note R] [Note VIE]	Accounts receivable factoring	7/18/1985	
01	AEP Energy Supply LLC [Note N]	Non-regulated energy-related services and products	6/4/2013	
02	AEP Clean Energy Resources, LLC [Note X]	Wind Power Generation	2/7/2019	
03	AEP Wind Holding, LLC [Note X]	Wind Power Generation	10/31/2013	
04	AEP ABW Holdings, LLC [Note X]	Wind Power Generation	10/16/2017	
05	Apple Blossom Wind Holdings, LLC [Note X], [VIE]	Wind Power Generation	6/28/2016	
06	Apple Blossom Wind, LLC [Note X]	Wind Power Generation	8/8/2018	
04	AEP BOGW Holdings, LLC [Note X]	Wind Power Generation	5/17/2016	
05	Black Oak Getty Wind Holdings, LLC [Note X], [VIE]	Wind Power Generation	3/13/2015	
06	Black Oak Wind, LLC [Note X]	Wind Power Generation	3/25/2015	
04	AEP Renewables Development, LLC [Note X]	Wind Power Generation	3/3/2009	
04	AEP Wind Turbine Holdings, LLC [Note X]	Wind Power Generation	9/19/2016	
04	Auwahi Wind, LLC [Note X]	Wind Power Generation	8/9/2011	
05	Auwahi Holdings, LLC [Note X]	Wind Power Generation	8/10/2011	
06	Auwahi Wind Energy, LLC [Note X]	Wind Power Generation	4/22/2008	
04	Auwahi Wind 2, LLC [Note X]	Wind Power Generation	6/15/2017	
04	Cedar Creek II Wind Energy, LLC [Note X]	Wind Power Generation	8/12/2008	
05	Cedar Creek II Holdings, LLC [Note X]	Wind Power Generation	8/26/2010	
06	Cedar Creek II, LLC [Note X]	Wind Power Generation	3/16/2006	
04	Flat Ridge 2 Wind, LLC [Note X]	Wind Power Generation	8/17/2007	
05	Flat Ridge 2 Wind Holdings LLC [Note X]	Wind Power Generation	3/22/2011	
06	Flat Ridge 2 Wind Energy LLC [Note X]	Wind Power Generation	3/22/2011	
04	Flat Ridge 3 Wind Energy, LLC [Note X]	Wind Power Generation	1/24/2012	
04	Fowler Ridge II Wind, LLC [Note X]	Wind Power Generation	8/27/2009	
05	Fowler II Holdings LLC [Note X]	Wind Power Generation	1/7/2008	
06	Fowler Ridge II Wind Farm, LLC [Note X]	Wind Power Generation	1/22/2008	
04	Mehoopany Wind, LLC [Note X]	Wind Power Generation	10/23/2008	
05	Mehoopany Wind Holdings LLC [Note X]	Wind Power Generation	12/9/2011	
06	Mehoopany Wind Energy LLC [Note X]	Wind Power Generation	5/9/2008	
04	Prairie Hills Wind, LLC [Note X]	Wind Power Generation	1/24/2017	
02	AEP Energy Partners, Inc. [Note W]	Marketing of natural gas, electricity or energy-related products	6/21/2007	X
02	AEP Generation Resources Inc. [Note E]	Generation	12/8/2011	X
03	Cardinal Operating Company [Note E]	Generation	2/14/1967	
03	Conesville Coal Preparation Company [Note M]	Coal preparation	10/26/1984	
03	Ohio Franklin Realty, LLC [Note T]	Real estate	3/3/2014	
04	Central Coal Company (Inactive) [Note K]	Coal mining (inactive)	5/6/1948	
02	AEP OnSite Partners [Note I]	Non-regulated energy-related services and products	8/31/2015	X
03	Brainerd Solar, LLC [Note I]	Non-regulated energy-related services and products	12/30/2019	
03	Broad Street Fuel Cell, LLC [Note I], [VIE]	Non-regulated energy-related services and products	8/28/2018	
03	Century West PNL, LLC [Note I]	Non-regulated energy-related services and products	12/12/2014	
03	Clyde OnSite Generation, LLC [Note I]	Non-regulated energy-related services and products	5/4/2020	
03	Dynasty PNL, LLC [Note I]	Non-regulated energy-related services and products	7/10/2015	
03	Exeter Solar Power 1, LLC [Note I]	Non-regulated energy-related services and products	12/5/2014	

Southwestern Electric Power Company
Schedule F - List of Affiliates
For the Test Year Ended March 31, 2020

Line No	Company Name	Note - Purpose	Organized	Test Year
	03 Garnet Solar Partners, LLC [Note I]	Non-regulated energy-related services and products		12/15/2017
	03 Imboden II Solar, LLC [Note I]	Non-regulated energy-related services and products		8/25/2017
	03 Imboden III Solar, LLC [Note I]	Non-regulated energy-related services and products		8/25/2017
	03 Kamaaha PNL, LLC [Note I]	Non-regulated energy-related services and products		4/6/2015
	03 Kona CE, LLC [Note I]	Non-regulated energy-related services and products		7/1/2015
	03 Midwest Energy Finance, LLC [Note I]	Non-regulated energy-related services and products		7/1/2015
	03 NM Renewable Development, LLC [Note I]	Non-regulated energy-related services and products		9/20/2017
	04 NM RD Data Center, LLC [Note I]	Non-regulated energy-related services and products		12/15/2017
	04 NM RD Data Center II, LLC [Note I]	Non-regulated energy-related services and products		7/24/2018
	05 NM RD Data Center II-Britton, LLC [Note I]	Non-regulated energy-related services and products		3/18/2019
	04 NM RD Data Center III, LLC [Note I]	Non-regulated energy-related services and products		7/24/2018
	05 NM RD Data Center III-Enigma, LLC [Note I]	Non-regulated energy-related services and products		3/18/2019
	03 North Smithfield Solar Power 1, LLC [Note I]	Non-regulated energy-related services and products		9/12/2018
	03 Northwest Jacksonville Solar Partners, LLC [Note I]	Non-regulated energy-related services and products		9/16/2016
	03 Ogdenburg Solar Partners, LLC [Note I]	Non-regulated energy-related services and products		10/1/2014
	03 Pine Hill Solar Partners, LLC [Note I]	Non-regulated energy-related services and products		3/13/2019
	03 Quincy II Solar Garden, LLC [Note I]	Non-regulated energy-related services and products		8/25/2017
	03 Rutland Renewable Energy, LLC [Note I]	Non-regulated energy-related services and products		8/19/2016
	03 Sunset Lakeview PNL, LLC [Note I]	Non-regulated energy-related services and products		1/16/2015
	03 SoCore Sherburne 1, LLC [Note I]	Non-regulated energy-related services and products		7/25/2017
	03 Trout Creek Solar, LLC [Note I]	Non-regulated energy-related services and products		10/25/2017
	03 Twin Lantern Solar Partners, LLC [Note I]	Non-regulated energy-related services and products		1/12/2017
	02 AEP Renewables, LLC [Note I]	Non-regulated energy-related services and products		4/8/2016
	03 Boulder Solar II, LLC [Note I]	Non-regulated energy-related services and products		12/16/2016
	03 Great Bend Solar, LLC [Note I]	Non-regulated energy-related services and products		5/7/2020
	03 Jaenumba Solar, LLC [Note I]	Non-regulated energy-related services and products		5/22/2014
	03 Pavant Solar III, LLC [Note I]	Non-regulated energy-related services and products		7/7/2015
	03 Santa Rita East Wind Energy Holdings, LLC [Note X], [VIE]	Wind Power Generation		7/19/2019
	04 Santa Rita East Wind Energy, LLC [Note X]	Wind Power Generation		7/19/2019
	02 AEP Retail Energy Partners LLC [Note I]	Non-regulated energy-related services and products		12/22/2009
	03 AEP Energy, Inc [Note I]	Non-regulated energy-related services and products	X	4/5/2002
	03 BSE Solutions LLC [Note I]	Non-regulated energy-related services and products		1/15/2009
	02 CSW Energy, Inc [Note S]	Independent Power		8/1/1983
	03 AEP Properties, LLC [Note X]	Wind Power Generation		3/27/2000
	03 Desert Sky Wind Farm LLC [Note X]	Wind Power Generation		3/3/1999
	03 Trent Wind Farm, LP [Note X]	Wind Power Generation		9/22/2000
	01 AEP Generating Company [Note E], [Note VIE]	Generation	X	3/16/1982
	01 AEP Investments, Inc [Note F]	Investor in companies developing energy-related ideas, products and technologies		10/18/1991
	02 AEP Cyber Risk, LLC [Note I]	Non-regulated energy-related services and products		1/21/2020
	02 AEP Energy Services, Inc [Note D]	Broker and market energy commodities		9/24/1996
	03 AEP Energy Services Gas Holding Company [Note W]	Marketing of natural gas, electricity or energy-related products		11/18/1998
	02 AEP Ventures, LLC [Note GG]	Broadband Services		6/18/2020
	02 Braemar Energy Ventures III, LP [Note DD]	Domestic energy-related investments, trading and other projects		8/20/2010
	02 Chargepoint, Inc [Note DD]	Domestic energy-related investments, trading and other projects		11/28/2018
	02 ClearSky, Inc [Note DD]	Domestic energy-related investments, trading and other projects		11/22/2017
	02 Columbus Collaboratory, LLC [Note DD]	Domestic energy-related investments, trading and other projects		4/18/2014
	02 EmerBio, Inc [Note DD]	Domestic energy-related investments, trading and other projects		10/1/2017
	02 Eta Gen, Inc [Note DD]	Domestic energy-related investments, trading and other projects		10/1/2017

Southwestern Electric Power Company
Schedule F - List of Affiliates
For the Test Year Ended March 31, 2020

Line No	Company Name	Note - Purpose	Organized	Transactions with SWEPCo During the Test Year
	02 GrdEdge Networks, Inc. [Note DD]	Domestic energy-related investments, trading and other projects	2/16/2001	
	02 Utilidata, Inc. [Note DD]	Domestic energy-related investments, trading and other projects	1/31/2012	
	02 Westly Capital Partners Fund III, L.P. [Note DD]	Domestic energy-related investments, trading and other projects	5/11/2018	
	01 AEP Nonutility Funding LLC [Note AA]	Non-regulated energy-related services and products	9/7/2004	
	01 AEP Pro Serv, Inc. [Note I]	Non-regulated energy-related services and products	3/16/1982	
	02 United Sciences Testing, Inc. [Note B]	Management, professional and technical services	5/7/1997	X
	01 AEP T&D Services, LLC [Note BB]	Energy services including operations, supply chain, transmission and distribution	12/12/2000	
	01 AEP Texas, Inc. [Note J]	Domestic electric utility	7/31/1925	X
	02 AEP Texas Central Transition Funding II LLC [Note AA] [Note VIE]	Finance Subsidiary	6/14/2006	
	02 AEP Texas Central Transition Funding III LLC [Note AA] [Note VIE]	Finance Subsidiary	1/5/2012	
	02 AEP Texas North Generation Company, LLC [Note E]	Generation	4/11/2006	
	02 AEP Texas Restoration Funding, LLC [Note AA] [Note VIE]	Finance Subsidiary	3/8/2019	
	02 926 Pulliam Street [Note T]	Real estate	2/24/2016	
	01 AEP Transmission Holding Company, LLC [Note P]	Electric transmission	9/19/2012	
	02 AEP Storage Holding Company, LLC [Note P]	Electric transmission	7/23/2019	
	03 AEP Storage New York, LLC [Note P]	Electric transmission	7/23/2019	
	02 AEP Transmission Company, LLC [Note P]	Electric transmission	1/27/2006	X
	03 AEP Appalachian Transmission Company, Inc. [Note P]	Electric transmission	10/2/2009	
	03 AEP Indiana Michigan Transmission Company Inc. [Note P]	Electric transmission	10/2/2009	
	03 AEP Kentucky Transmission Company, Inc. [Note P]	Electric transmission	10/2/2009	
	03 AEP Ohio Transmission Company Inc. [Note P]	Electric transmission	10/2/2009	
	03 AEP Oklahoma Transmission Company, Inc. [Note P]	Electric transmission	10/29/2009	X
	03 AEP Southwestern Transmission Company, Inc. [Note P]	Electric transmission	10/2/2009	
	03 AEP West Virginia Transmission Company, Inc. [Note P]	Electric transmission	10/2/2009	
	02 Bold Transmission LLC [Note P]	Electric transmission	4/7/2015	
	02 Electric Transmission Texas, LLC [Note P]	Electric transmission	1/5/2007	X
	02 Grid Assurance LLC [Note P]	Electric transmission	5/6/2016	X
	02 PATH West Virginia Series [Note VIE]	Non-regulated energy-related services and products	9/1/2007	
	03 PATH West Virginia Transmission Company, LLC [Note P]	Electric transmission	9/1/2007	
	02 Pioneer Transmission, LLC [Note P]	Electric transmission	7/31/2008	
	02 Potomac-Appalachian Transmission Highline, LLC [Note J]	Domestic electric utility	9/1/2007	
	02 Prairie Wind Transmission, LLC [Note P]	Electric transmission	5/13/2008	
	02 RITELine Indiana, LLC [Note P]	Electric transmission	7/12/2011	
	02 RITELine Transmission Development, LLC [Note P]	Electric transmission	7/12/2011	
	03 RITELine Illinois, LLC [Note P] [Note VIE]	Electric transmission	7/12/2011	
	03 RITELine Indiana, LLC [Note P] [Note VIE]	Electric transmission	7/12/2011	
	02 Transource Energy, LLC [Note P] [Note VIE]	Electric transmission	3/22/2012	
	03 Golden State Transmission, LLC [Note P]	Electric transmission	8/6/2014	
	03 Transource Delaware, Inc. [Note P]	Electric transmission	9/28/2017	
	03 Transource Illinois, LLC [Note P]	Electric transmission	9/28/2017	
	03 Transource Indiana, LLC [Note P]	Electric transmission	6/9/2016	
	03 Transource Kansas, LLC [Note P]	Electric transmission	10/23/2014	
	03 Transource Kentucky, LLC [Note P]	Electric transmission	6/29/2015	
	03 Transource Maryland, LLC [Note P]	Electric transmission	7/29/2016	
	03 Transource Michigan, Inc. [Note P]	Electric transmission	9/28/2017	
	03 Transource Missouri, LLC [Note P]	Electric transmission	6/19/2012	
	03 Transource New England, LLC [Note P]	Electric transmission	9/30/2019	
	03 Transource New Jersey, LLC [Note P]	Electric transmission	9/28/2017	

Southwestern Electric Power Company
Schedule F - List of Affiliates
For the Test Year Ended March 31, 2020

Line No	Company Name	Note - Purpose	Organized	Test Year	Transactions with SWEPCo During the
	03 Transource New York, LLC [Note P]	Electric transmission		11/17/2016	
	04 Transource New York Development Company, Inc [Note T]	Real estate		11/15/2016	
	03 Transource North Carolina, LLC [Note P]	Electric transmission		9/29/2017	
	03 Transource Ohio, LLC [Note P]	Electric transmission		9/28/2017	
	03 Transource Pennsylvania, LLC [Note P]	Electric transmission		7/28/2016	
	03 Transource Projectco, LLC [Note P]	Electric transmission		6/1/2016	
	03 Transource Tennessee, Inc [Note P]	Electric transmission		9/28/2017	
	03 Transource Texas, LLC [Note P]	Electric transmission		6/22/2018	
	03 Transource Virginia, Inc [Note P]	Electric transmission		9/29/2017	
	03 Transource West Virginia, LLC [Note P]	Electric transmission		10/22/2015	X
	03 Transource Wisconsin, LLC [Note P]	Electric transmission		8/12/2014	
	01 AEP Utility Funding, LLC [Note O]	Subsidiary public utility holding company		9/7/2004	
	01 American Electric Power Service Corporation [Note B] [VIE]	Management, professional and technical services		12/17/1937	X
	02 American Electric Power Foundation [Note FF]	Non-profit		11/28/2005	
	01 Appalachian Power Company [Note J]	Domestic electric utility		3/4/1926	X
	02 Cedar Coal Co. (inactive) [Note K]	Coal mining (inactive)		8/19/2013	
	02 Center McCuire Master Tenant LLC [Note BD]	Domestic energy-related investments, trading and other projects		12/16/1968	
	03 Center Landford LLC [Note DD]	Domestic energy-related investments, trading and other projects		5/22/1948	
	02 Central Appalachian Coal Company (inactive) [Note K]	Coal mining (inactive)		5/6/1948	
	02 Central Coal Company (inactive) [Note K]	Coal mining (inactive)		1/31/1972	
	01 Franklin Real Estate Company [Note T]	Real estate		5/3/1903	
	02 Indiana Franklin Realty, Inc [Note T]	Real estate		11/5/1934	
	01 Indiana Michigan Power Company [Note J]	Domestic electric utility		5/1/1907	X
	02 Blackhawk Coal Company (inactive) [Note K]	Coal mining (inactive)		9/5/1978	
	02 Price River Coal Company, Inc (inactive) [Note K]	Coal mining (inactive)		3/5/1956	
	01 Kentucky Power Company [Note J]	Domestic electric utility		7/21/1919	X
	01 Kingsport Power Company [Note J]	Domestic electric utility		5/21/1917	X
	01 Kyle Works, LLC [Note I]	Non-regulated energy-related services and products		11/8/2018	
	01 NCT Ventures Fund II [Note AA]	Domestic electric utility		5/8/1907	X
	02 Ohio Phase-In-Recovery Funding LLC [Note AA] [Note VIE]	Finance Subsidiary		5/15/2013	
	02 Ohio Valley Electric Corporation [Note E]	Generation		10/1/1952	
	03 Indiana-Kentucky Electric Corporation [Note E]	Generation		10/1/1952	
	02 Rev1 Ventures Fund I [Note DD]	Domestic energy-related investments, trading and other projects		9/1/2016	
	01 Ohio Valley Electric Corporation [Note E]	Generation		10/1/1952	
	02 Indiana-Kentucky Electric Corporation [Note E]	Generation		10/1/1952	
	01 Casualty Insurance, Ltd [Note I]	Non-regulated energy-related services and products		5/4/1986	
	01 PowerTree Carbon Company, LLC [Note D]	Broker and market energy commodities		6/9/2003	
	01 Public Service Company of Oklahoma [Note J]	Domestic electric utility		5/29/1913	X
	01 Southwestern Electric Power Company [Note J]	Domestic electric utility		6/29/1912	
	02 Arkansas Coalition for Affordable and Reliable Electricity, LLC [ACARE] [Note F] [Note VIE]	Investor in companies developing energy-related ideas, products and technologies		1/1/2011	
	02 Dotel Hills Lignite Company, LLC [Note L] [Note VIE]	Coal mining (active)		4/9/2001	X
	02 Mutual Energy SWEPCo, LLC [Note W]	Marketing of natural gas, electricity or energy-related products		4/4/2001	
	02 Oxbow Lignite Company, LLC [Note L]	Coal mining (active)		11/12/2009	
	02 Southwest Arkansas Corporation [Note T]	Real estate		3/7/1928	
	02 926 Pulliam Street [Note T]	Real estate		2/24/2016	

Southwestern Electric Power Company
Schedule F - List of Affiliates
For the Test Year Ended March 31, 2020

Line No	Company Name	Note - Purpose	Organized	Transactions with SWEPCo During the Test Year
1	01 Wheeling Power Company [Note J]	Domestic electric utility	2/17/1883	X
2				
3	Notes			
4	A Public utility holding company			
5	B Management, professional and technical services			
6	C Telecommunications			
7	D Broker and market energy commodities			
8	E Generation			
9	F Investor in companies developing energy-related ideas, products and technologies			
10	G Distributed generation products			
11	H International energy-related investments, trading and other projects			
12	I Non-regulated energy-related services and products			
13	J Domestic electric utility			
14	K Coal mining (inactive)			
15	L Coal mining (active)			
16	M Coal preparation			
17	N Inactive			
18	O Subsidiary public utility holding company			
19	P Electric transmission			
20	Q Leasing			
21	R Accounts receivable factoring			
22	S Independent power			
23	T Real estate			
24	U Staff augmentation to power plants			
25	V Retail energy sales			
26	W Marketing of natural gas, electricity or energy-related products			
27	X Wind Power Generation			
28	Y Barging Services			
29	AA Finance Subsidiary			
30	BB Energy services including operations, supply chain, transmission and distribution			
31	CC Gas pipeline and processing			
32	DD Domestic energy-related investments, trading and other projects			
33	EE Trust			
33	FF Nonprofit			
34	GG Broadband Services			

SOUTHWESTERN ELECTRIC POWER COMPANY
Payroll Information
For the test year ended March 31, 2020

SWEPCo performs its payroll processing on a bi-weekly basis. The pay cycles begin at 12.00 a.m. Saturday (Week 1) through 11:59 p.m. Friday (Week 2) for all employees except those in the Generation business unit. The pay cycle for the employees in the Generation business unit begins at 12:00 a.m. Sunday (Week 1) through 11:59 p.m. Saturday (Week 2).

Payroll checks are issued on a biweekly Friday following the Friday or Saturday pay period end date. For example, a pay period began at 12:00 a.m., Saturday, March 7, 2020 and ended at 11:59 p.m., Friday, March 20, 2020. The paychecks for this period were distributed Friday, March 27, 2020.

SOUTHWESTERN ELECTRIC POWER COMPANY
Regular and Overtime Payroll
For the Test Year Ended March 31, 2020

	(1)	(2)	(3)	(4)	(5)
Line No.	Month	Regular Payroll	Overtime Payroll	Other	Total Payroll
1	April 2019	\$ 9,329,390	\$ 1,778,141	\$ 1,155,506	\$ 12,263,037
2	May	9,137,100	2,772,578	1,009,762	12,919,440
3	June	9,292,550	1,514,798	932,631	11,739,978
4	July	9,107,877	2,134,778	1,017,238	12,259,892
5	August	14,001,980	1,605,167	938,187	16,545,334
6	September	9,333,352	1,744,054	3,509,058	14,586,465
7	October	9,438,585	1,521,733	1,729,623	12,689,941
8	November	9,371,246	2,069,047	1,742,219	13,182,512
9	December	9,655,689	1,078,129	5,109,139	15,842,958
10	January 2020	14,226,986	1,610,134	1,370,420	17,207,541
11	February	9,487,682	814,938	1,119,655	11,422,275
12	March	9,462,259	891,228	(810,770)	9,542,718
13					
14	Total Test Year	\$ 121,844,696	\$ 19,534,726	\$ 18,822,669	\$ 160,202,091
15					
16	April 2020				\$ -
17	May				\$ -
18					
19	Prior Year 2018	\$ 119,780,884	\$ 18,354,158	\$ 17,313,981	\$ 155,449,023
20	Prior Year 2017	\$ 116,752,903	\$ 19,741,861	\$ 12,013,232	\$ 148,507,996
21	Prior Year 2016	\$ 112,239,629	\$ 17,417,770	\$ 19,863,275	\$ 149,520,674

SOUTHWESTERN ELECTRIC POWER COMPANY
Regular Payroll by Category
For the Test Year Ended March 31, 2020

Line No.	(1) Month	(2) Union Payroll		(3) Non-union Payroll		(4) Total Regular Payroll
1	April 2019	\$	4,832,796	\$	4,496,594	\$ 9,329,390
2	May		4,737,015		4,400,084	9,137,100
3	June		4,817,840		4,474,710	9,292,550
4	July		4,713,828		4,394,048	9,107,877
5	August		7,251,757		6,750,223	14,001,980
6	September		4,903,355		4,429,997	9,333,352
7	October		4,942,996		4,495,588	9,438,585
8	November		4,903,952		4,467,295	9,371,246
9	December		5,086,032		4,569,657	9,655,689
10	January 2020		7,456,493		6,770,493	14,226,986
11	February		4,966,220		4,521,462	9,487,682
12	March		4,971,559		4,490,701	9,462,259
13						
14	Total Test Year	\$	63,583,843	\$	58,260,853	\$ 121,844,696
15						
16	April 2020					\$ -
17	May					\$ -
18						
19	Prior Year 2018	\$	63,089,903	\$	56,690,982	\$ 119,780,884
20	Prior Year 2017	\$	62,133,443	\$	54,619,460	\$ 116,752,903
21	Prior Year 2016	\$	60,367,703	\$	51,871,926	\$ 112,239,629

SOUTHWESTERN ELECTRIC POWER COMPANY
Payroll Capitalized vs Expensed
For the Test Year Ended March 31, 2020

	(1)	(2)	(3)	(4)	(5)
Line No.	Month	Payroll Expensed	Payroll Capitalized	Other Payroll	Total Payroll
1	April 2019	\$ 8,705,322	\$ 3,480,213	\$ 77,502	\$ 12,263,037
2	May	9,337,985	3,368,333	213,122	12,919,440
3	June	8,217,295	3,259,964	262,719	11,739,978
4	July	8,891,794	3,344,136	23,963	12,259,892
5	August	11,758,857	4,715,821	70,657	16,545,334
6	September	10,136,374	3,671,327	778,765	14,586,465
7	October	8,188,529	4,437,685	63,728	12,689,941
8	November	8,919,001	3,745,942	517,570	13,182,512
9	December	11,196,859	4,589,306	56,793	15,842,958
10	January 2020	12,121,982	4,814,363	271,196	17,207,541
11	February	8,047,975	3,342,331	31,969	11,422,275
12	March	6,158,304	3,350,320	34,094	9,542,718
13					
14	Total Test Year	\$ 111,680,277	\$ 46,119,738	\$ 2,402,076	\$ 160,202,091
15					
16	April 2020				
17	May				
18					
19	Prior Year 2018	\$ 107,290,855	\$ 45,523,592	\$ 2,634,540	\$ 155,448,986

SOUTHWESTERN ELECTRIC POWER COMPANY
Payroll by Company
For the Test Year Ended March 31, 2020

Line No	Month	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		Company's Share of Payroll			Other Participant's Share of Payroll			Total Payroll			
		Union	Non-Union	Total	Union	Non-Union	Total	Union	Non-Union	Total	
1	April 2019	\$ 6,110,735	\$ 5,568,908	\$ 11,679,643	\$ 241,745	\$ 341,650	\$ 583,394	\$ 6,352,479	\$ 5,910,558	\$ 12,263,037	
2	May	6,407,243	5,811,153	12,218,395	290,679	410,365	701,044	6,697,922	6,221,517	12,919,440	
3	June	5,877,075	5,363,712	11,240,787	209,665	289,526	499,191	6,086,740	5,653,238	11,739,978	
4	July	6,137,048	5,627,682	11,764,730	208,122	287,040	495,162	6,345,170	5,914,722	12,259,892	
5	August	8,226,115	7,496,216	15,722,331	342,869	480,134	823,003	8,568,984	7,976,350	16,545,334	
6	September	7,428,231	6,603,837	14,032,068	234,891	319,506	554,397	7,663,122	6,923,343	14,586,465	
7	October	6,341,640	5,632,211	11,973,852	304,095	411,994	716,089	6,645,735	6,044,206	12,689,941	
8	November	6,605,325	5,881,704	12,487,028	293,054	402,430	695,484	6,898,379	6,284,134	13,182,512	
9	December	8,035,990	7,074,877	15,110,867	309,121	422,971	732,091	8,345,110	7,497,848	15,842,958	
10	January 2020	8,694,220	7,743,516	16,437,737	324,409	445,396	769,804	9,018,629	8,188,912	17,207,541	
11	February	5,734,517	5,105,095	10,839,613	244,344	338,319	582,663	5,978,861	5,443,414	11,422,275	
12	March	4,765,290	4,184,682	8,949,972	248,542	344,204	592,745	5,013,832	4,528,886	9,542,718	
13											
14	Total Test Year	\$ 80,363,428	\$ 72,093,593	\$ 152,457,022	\$ 3,251,535	\$ 4,493,535	\$ 7,745,070	\$ 83,614,963	\$ 76,587,128	\$ 160,202,091	
15											
16	April 2020										
17	May										
18											
19	Prior Year 2018	\$ 78,408,534	\$ 68,820,227	\$ 147,228,761	\$ 3,468,167	\$ 4,752,094	\$ 8,220,262	\$ 81,876,702	\$ 73,572,321	\$ 155,449,023	
20	Prior Year 2017	\$ 75,439,984	\$ 64,599,422	\$ 140,039,405	\$ 3,592,852	\$ 4,875,738	\$ 8,468,591	\$ 79,032,836	\$ 69,475,160	\$ 148,507,996	
21	Prior Year 2016	\$ 76,530,868	\$ 63,832,153	\$ 140,363,021	\$ 3,888,318	\$ 5,269,335	\$ 9,157,654	\$ 80,419,186	\$ 69,101,488	\$ 149,520,674	

SOUTHWESTERN ELECTRIC POWER COMPANY
Number of Employees
For the Test Year Ended March 31, 2020

	(1)	(2)	(3)	(4)	(5)
Line No	Month	Full-time Employees	Part-time Employees	Total Employees	% Change
1	April 2019	1,461	0	1,461	-1.0%
2	May	1,463	0	1,463	0.1%
3	June	1,457	0	1,457	-0.4%
4	July	1,458	0	1,458	0.1%
5	August	1,456	0	1,456	-0.1%
6	September	1,461	0	1,461	0.3%
7	October	1,458	0	1,458	-0.2%
8	November	1,459	0	1,459	0.1%
9	December	1,463	0	1,463	0.3%
10	January 2020	1,465	0	1,465	0.1%
11	February	1,460	0	1,460	-0.3%
12	March	1,456	0	1,456	-0.3%
13					
14	April 2020				
15	May				
16					
17	Prior Year 2018	1,475	1	1,476	
18	Prior Year 2017	1,475	3	1,478	
19	Prior Year 2016	1,482	1	1,483	

SOUTHWESTERN ELECTRIC POWER COMPANY
 Payments Other Than Standard Pay
 For the Test Year Ended March 31, 2020

	(1)	(2)	(3)	(4)	(5)	(6)
Line No	Month	Employee Awards	Severance Pay	Relocation	Other Lump Sum Payments	Total
1	April 2019	\$ -	\$ 144,837	\$ 7,468	\$ 32,728	\$ 185,033
2	May	212,576		16,500	41,300	270,376
3	June	-		5,366	23,260	28,626
4	July	4,217,300		-	61,859	4,279,159
5	August	-		23,542	(40,584)	(17,042)
6	September	-	236,754	49,952	74,708	361,414
7	October	47,386		-	35,186	82,572
8	November	-		10,694	37,989	48,684
9	December	-		14,544	29,644	44,189
10	January 2020	-	210,399	6,163	53,205	269,766
11	February	1,715,974	84,898	643	16,662	1,818,178
12	March	18,099,411	300,586	16,675	14,495	18,431,166
13						
14	Total Test Year	\$ 24,292,647	\$ 977,473	\$ 151,548	\$ 380,453	\$ 25,802,121
15						
16	April 2020					
17	May					
18						
19	Prior Year 2018	\$ 12,267,475	\$ -	\$ 229,684	\$ 382,243	\$ 12,879,402
20	Prior Year 2017	\$ 18,590,616	\$ -	\$ 93,758	\$ 378,842	\$ 19,063,216
21	Prior Year 2016	\$ 19,216,208	\$ 9,880	\$ 289,259	\$ 391,468	\$ 19,906,815

22 The Company is requesting recovery of these amounts charged to O&M expense during the test
 23 year as a part of its requested payroll.