

AMEREN MISSOURI

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SIOUX						
INTERIM SURVIVOR CURVE.. IOWA 90-R1.5						
PROBABLE RETIREMENT YEAR.. 9-2033						
NET SALVAGE PERCENT.. -1						
1967	5,632,254.05	4,347,722	4,257,276	1,431,301	13.98	102,382
1968	3,980,458.99	3,059,300	2,995,657	1,024,607	14.00	73,186
1969	25,172.31	19,260	18,859	6,565	14.02	468
1971	11,285.31	8,554	8,376	3,022	14.05	215
1972	11,180.63	8,432	8,257	3,036	14.07	216
1973	28,622.32	21,472	21,025	7,883	14.09	559
1974	12,106.94	9,035	8,847	3,381	14.10	240
1975	13,729.60	10,187	9,975	3,892	14.12	276
1976	11,884.39	8,765	8,583	3,421	14.14	242
1977	770,922.47	565,193	553,435	225,196	14.15	15,915
1978	213,031.82	155,212	151,983	63,179	14.16	4,462
1979	106,942.56	77,386	75,776	32,236	14.18	2,273
1980	246,908.33	177,454	173,762	75,615	14.19	5,329
1981	126,977.77	90,579	88,695	39,553	14.21	2,783
1982	240,293.88	170,118	166,579	76,118	14.22	5,353
1983	129,297.10	90,815	88,926	41,664	14.23	2,928
1984	215,876.61	150,364	147,236	70,799	14.24	4,972
1985	87,025.57	60,067	58,817	29,078	14.26	2,039
1986	670,105.14	458,299	448,765	228,041	14.27	15,980
1987	213,182.23	144,387	141,383	73,931	14.28	5,177
1988	135,780.94	91,018	89,125	48,014	14.29	3,360
1989	52,972.16	35,124	34,393	19,109	14.30	1,336
1990	241,100.95	158,042	154,754	88,758	14.31	6,203
1991	132,164.65	85,578	83,798	49,689	14.32	3,470
1992	858,169.56	548,437	537,028	329,723	14.33	23,009
1993	992,096.86	625,379	612,369	389,649	14.34	27,172
1994	2,048,993.44	1,272,463	1,245,992	823,492	14.35	57,386
1995	578,467.50	353,636	346,279	237,973	14.36	16,572
1996	708,759.04	426,201	417,335	298,512	14.36	20,788
1997	591,569.73	349,266	342,000	255,485	14.37	17,779
1998	158,178.48	91,570	89,665	70,095	14.38	4,874
1999	207,334.73	117,509	115,064	94,344	14.39	6,556
2000	126,784.70	70,230	68,769	59,284	14.40	4,117
2001	62,659.05	33,869	33,164	30,121	14.40	2,092
2002	406,526.49	213,766	209,319	201,273	14.41	13,968
2003	1,774,789.56	905,500	886,663	905,875	14.42	62,821
2004	950,455.76	469,094	459,335	500,625	14.43	34,693
2005	2,281,331.18	1,086,243	1,063,646	1,240,499	14.43	85,967
2006	46,975.83	21,465	21,018	26,427	14.44	1,830
2007	6,317,409.91	2,756,412	2,699,070	3,681,514	14.45	254,776
2008	6,022,638.04	2,496,651	2,444,713	3,638,152	14.45	251,775

Schedule JJS-D2

AMEREN MISSOURI

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YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SIOUX						
INTERIM SURVIVOR CURVE.. IOWA 90-R1.5						
PROBABLE RETIREMENT YEAR.. 9-2033						
NET SALVAGE PERCENT.. -1						
2009	9,389,325.01	3,665,359	3,589,108	5,894,110	14.46	407,615
2010	2,121,027.21	772,448	756,379	1,385,859	14.47	95,775
2011	261,451.14	87,900	86,071	177,994	14.47	12,301
2012	1,184,093.80	360,969	353,460	842,475	14.48	58,182
2013	560,342.39	151,855	148,696	417,250	14.48	28,816
2014	663,772.83	154,791	151,571	518,840	14.49	35,807
2015	513,327.53	98,010	95,971	422,490	14.50	29,137
2016	3,459,178.23	499,714	489,318	3,004,452	14.50	207,204
2017	455,921.09	41,835	40,965	419,516	14.51	28,912
2018	1,593,561.37	52,582	51,488	1,558,009	14.51	107,375
	57,644,417.18	27,725,517	27,148,740	31,072,121		2,156,663

LABADIE  
INTERIM SURVIVOR CURVE.. IOWA 90-R1.5  
PROBABLE RETIREMENT YEAR.. 9-2042  
NET SALVAGE PERCENT.. -2

1957	669.13	483	533	150	21.03	7
1970	9,529,555.60	6,391,482	7,053,145	2,667,001	21.78	122,452
1971	5,176,143.04	3,447,305	3,804,179	1,475,487	21.83	67,590
1972	6,578,179.95	4,349,457	4,799,725	1,910,019	21.88	87,295
1973	5,011,318.05	3,288,563	3,629,004	1,482,541	21.93	67,603
1974	28,269.25	18,410	20,316	8,519	21.97	388
1975	16,534.05	10,682	11,788	5,077	22.01	231
1976	9,460.99	6,061	6,688	2,962	22.06	134
1977	143,717.26	91,278	100,727	45,864	22.10	2,075
1978	10,632.24	6,693	7,386	3,459	22.14	156
1979	25,391.21	15,838	17,478	8,421	22.17	380
1980	1,870,782.19	1,155,566	1,275,193	633,005	22.21	28,501
1981	570,928.25	349,094	385,233	197,114	22.25	8,859
1982	202,699.86	122,648	135,345	71,409	22.28	3,205
1983	474,175.57	283,748	313,122	170,537	22.32	7,641
1984	561,472.13	332,150	366,535	206,167	22.35	9,224
1985	858,773.05	501,971	553,936	322,012	22.38	14,388
1986	153,227.65	88,410	97,562	58,730	22.42	2,620
1987	243,547.64	138,677	153,033	95,385	22.45	4,249
1988	1,327,419.66	745,346	822,506	531,462	22.48	23,642
1989	1,586,116.93	877,645	968,501	649,338	22.51	28,847
1990	5,331,867.21	2,905,847	3,206,668	2,231,836	22.53	99,061

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ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

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RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LABADIE						
INTERIM SURVIVOR CURVE.. IOWA 90-R1.5						
PROBABLE RETIREMENT YEAR.. 9-2042						
NET SALVAGE PERCENT.. -2						
1991	2,318,630.11	1,242,927	1,371,598	993,405	22.56	44,034
1992	593,686.79	312,760	345,138	260,423	22.59	11,528
1993	1,089,692.52	563,735	622,094	489,392	22.61	21,645
1994	721,917.93	366,219	404,131	332,225	22.64	14,674
1995	429,336.21	213,413	235,506	202,417	22.66	8,933
1996	3,809,159.58	1,851,716	2,043,411	1,841,932	22.69	81,178
1997	821,404.69	390,028	430,405	407,428	22.71	17,940
1998	126,680.05	58,663	64,736	64,478	22.73	2,837
1999	140,509.05	63,346	69,904	73,415	22.75	3,227
2000	467,112.81	204,433	225,596	250,859	22.78	11,012
2001	2,012,635.19	853,344	941,684	1,111,203	22.80	48,737
2002	1,467,615.73	601,527	663,799	833,169	22.82	36,510
2003	468,855.97	185,081	204,241	273,992	22.84	11,996
2004	132,016.25	50,042	55,222	79,434	22.86	3,475
2005	2,835,891.80	1,027,773	1,134,171	1,758,439	22.88	76,855
2006	481,298.79	166,055	183,245	307,679	22.89	13,442
2007	534,842.38	174,562	192,633	352,906	22.91	15,404
2008	2,831,620.37	868,498	958,407	1,929,846	22.93	84,162
2009	2,030,007.23	580,474	640,566	1,430,041	22.95	62,311
2010	619,311.86	163,326	180,234	451,464	22.97	19,655
2011	396,903.88	95,352	105,223	299,619	22.98	13,038
2012	1,931,197.55	415,061	458,029	1,511,792	23.00	65,730
2013	98,382.01	18,491	20,405	79,944	23.02	3,473
2014	1,669,034.52	266,275	293,841	1,408,575	23.03	61,163
2015	559,088.98	71,797	79,230	491,041	23.05	21,303
2016	13,797,233.23	1,316,546	1,452,838	12,620,340	23.06	547,283
2017	1,354,275.85	80,589	88,932	1,292,430	23.08	55,998
2018	46,508,861.96	965,859	1,065,847	46,373,192	23.09	2,008,367
	129,958,084.20	38,295,246	42,259,673	90,297,573		3,944,458

RUSH ISLAND

INTERIM SURVIVOR CURVE.. IOWA 90-R1.5

PROBABLE RETIREMENT YEAR.. 9-2045

NET SALVAGE PERCENT.. -2

1974	6,007.21	3,747	4,323	1,804	24.44	74
1976	28,855,806.04	17,681,828	20,399,490	9,033,432	24.55	367,961
1977	7,594,210.92	4,609,159	5,317,578	2,428,517	24.61	98,680
1978	40,465.59	24,322	28,060	13,215	24.66	536

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RUSH ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 90-R1.5						
PROBABLE RETIREMENT YEAR.. 9-2045						
NET SALVAGE PERCENT.. -2						
1979	54,168.73	32,233	37,187	18,065	24.71	731
1980	411,692.49	242,407	279,664	140,262	24.76	5,665
1981	162,776.05	94,801	109,372	56,660	24.81	2,284
1982	118,290.17	68,119	78,589	42,067	24.85	1,693
1983	35,376.92	20,128	23,222	12,863	24.90	517
1984	44,411.53	24,962	28,799	16,501	24.94	662
1985	44,777.88	24,842	28,660	17,013	24.98	681
1986	5,720.49	3,131	3,612	2,223	25.02	89
1988	22,952.41	12,202	14,077	9,334	25.10	372
1991	57,148.35	28,907	33,350	24,941	25.21	989
1992	956,149.41	474,948	547,947	427,326	25.24	16,931
1993	7,940.38	3,867	4,461	3,638	25.28	144
1994	38,928.55	18,572	21,426	18,281	25.31	722
1995	229,040.42	106,910	123,342	110,279	25.34	4,352
1996	530,151.30	241,739	278,894	261,861	25.37	10,322
1997	227,634.72	101,248	116,810	115,378	25.40	4,542
1998	242,095.60	104,864	120,981	125,956	25.43	4,953
1999	38,736.00	16,306	18,812	20,699	25.46	813
2000	2,227.92	909	1,049	1,224	25.49	48
2001	2,792,349.30	1,102,195	1,271,600	1,576,596	25.52	61,779
2002	3,019,637.43	1,150,576	1,327,417	1,752,613	25.54	68,622
2003	2,549,537.45	933,980	1,077,531	1,522,997	25.57	59,562
2004	722,145.83	253,519	292,484	444,104	25.59	17,355
2005	676,658.09	226,686	261,527	428,664	25.62	16,732
2006	869,571.64	276,608	319,122	567,841	25.64	22,147
2007	74,131.93	22,260	25,681	49,933	25.67	1,945
2008	165,675.20	46,663	53,835	115,154	25.69	4,482
2009	554,766.78	145,268	167,595	398,267	25.71	15,491
2010	4,770,294.64	1,149,619	1,326,313	3,539,387	25.73	137,559
2011	4,815,402.30	1,053,022	1,214,869	3,696,841	25.76	143,511
2012	799,797.53	156,306	180,330	635,464	25.78	24,649
2013	2,057,532.95	350,900	404,833	1,693,851	25.80	65,653
2014	1,934,747.15	278,354	321,136	1,652,306	25.82	63,993
2015	35,403.48	4,090	4,719	31,393	25.84	1,215



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YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RUSH ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 90-R1.5						
PROBABLE RETIREMENT YEAR.. 9-2045						
NET SALVAGE PERCENT.. -2						
2016	671,925.96	57,317	66,127	619,238	25.86	23,946
2017	359,374.02	19,065	21,995	344,566	25.88	13,314
2018	30,912,756.44	561,883	648,243	30,882,768	25.90	1,192,385
	97,508,417.20	31,728,462	36,605,064	62,853,522		2,458,101
	336,781,386.97	139,214,379	145,248,740	196,697,950		11,637,374
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						16.9 3.46

AMEREN MISSOURI

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COMMON - ALL STEAM PLANTS						
INTERIM SURVIVOR CURVE.. IOWA 55-R0.5						
PROBABLE RETIREMENT YEAR.. 9-2042						
NET SALVAGE PERCENT.. -6						
1961	61,412.07	43,871	51,812	13,285	17.06	779
1971	55,361.78	36,863	43,536	15,148	18.45	821
2001	33,860,254.06	14,157,907	16,720,626	19,171,243	21.00	912,916
2002	654,460.56	264,352	312,202	381,526	21.05	18,125
2003	1,756,471.03	683,544	807,272	1,054,587	21.10	49,980
2016	7,149.90	672	794	6,785	21.60	314
	36,395,109.40	15,187,209	17,936,242	20,642,574		982,935

MERAMEC  
INTERIM SURVIVOR CURVE.. IOWA 55-R0.5  
PROBABLE RETIREMENT YEAR.. 9-2022  
NET SALVAGE PERCENT.. -1

1953	5,679,044.62	5,321,019	4,701,818	1,034,017	3.54	292,095
1954	4,875,770.62	4,564,742	4,033,549	890,980	3.55	250,980
1955	151,515.92	141,765	125,268	27,763	3.55	7,821
1956	25,699.16	24,025	21,229	4,727	3.56	1,328
1957	47,345.22	44,231	39,084	8,735	3.56	2,454
1958	11,255.70	10,506	9,283	2,085	3.57	584
1959	14,357,229.56	13,390,910	11,832,626	2,668,176	3.57	747,388
1960	49,851.33	46,449	41,044	9,306	3.58	2,599
1961	17,004,613.55	15,831,601	13,989,297	3,185,363	3.58	889,766
1962	84,726.96	78,797	69,627	15,947	3.59	4,442
1963	97,814.50	90,888	80,311	18,481	3.59	5,148
1964	888,171.04	824,320	728,395	168,658	3.60	46,849
1965	61,699.02	57,207	50,550	11,766	3.60	3,268
1966	5,372.69	4,975	4,396	1,030	3.61	285
1967	61,862.07	57,224	50,565	11,916	3.61	3,301
1968	14,900.32	13,768	12,166	2,883	3.61	799
1970	44,937.37	41,411	36,592	8,795	3.62	2,430
1972	84,528.62	77,666	68,628	16,746	3.63	4,613
1973	24,756.91	22,715	20,072	4,933	3.63	1,359
1975	2,206.32	2,017	1,782	446	3.64	123
1976	10,021.97	9,149	8,084	2,038	3.64	560
1977	435,376.56	396,751	350,582	89,149	3.64	24,491
1978	157,108.55	142,907	126,277	32,403	3.64	8,902
1979	221,850.40	201,337	177,908	46,161	3.65	12,647
1980	33,906.41	30,709	27,135	7,110	3.65	1,948
1981	44,010,151.90	39,771,864	35,143,661	9,306,593	3.65	2,549,752

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AMEREN MISSOURI

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
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YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MERAMEC						
INTERIM SURVIVOR CURVE.. IOWA 55-R0.5						
PROBABLE RETIREMENT YEAR.. 9-2022						
NET SALVAGE PERCENT.. -1						
1982	1,638,875.98	1,477,622	1,305,673	349,592	3.65	95,779
1983	599,254.24	538,803	476,103	129,144	3.66	35,285
1984	202,644.29	181,727	160,580	44,091	3.66	12,047
1985	583,888.46	522,192	461,425	128,302	3.66	35,055
1986	237,756.80	212,010	187,339	52,796	3.66	14,425
1987	809,633.88	719,464	635,741	181,989	3.67	49,588
1988	17,910.03	15,862	14,016	4,073	3.67	1,110
1989	234,689.42	207,122	183,019	54,017	3.67	14,719
1990	95,184.43	83,687	73,948	22,188	3.67	6,046
1991	2,018,453.20	1,767,458	1,561,781	476,857	3.67	129,934
1992	220,956.24	192,639	170,222	52,944	3.67	14,426
1993	490,167.85	425,161	375,686	119,384	3.68	32,441
1994	3,601,069.07	3,107,630	2,745,999	891,081	3.68	242,142
1995	6,515,254.78	5,592,030	4,941,292	1,639,115	3.68	445,412
1996	34,117,234.59	29,108,050	25,720,782	8,737,625	3.68	2,374,355
1997	3,469,132.23	2,940,759	2,598,546	905,277	3.68	245,999
1998	1,349,428.10	1,135,873	1,003,693	359,230	3.68	97,617
1999	4,679,337.41	3,908,463	3,453,640	1,272,491	3.68	345,786
2000	7,536,094.70	6,241,089	5,514,821	2,096,635	3.68	569,738
2001	43,116,365.86	35,348,836	31,235,335	12,312,195	3.69	3,336,638
2002	40,324,144.83	32,716,309	28,909,152	11,818,234	3.69	3,202,773
2003	34,787,643.54	27,896,549	24,650,262	10,485,258	3.69	2,841,533
2004	51,761,818.77	40,958,325	36,192,055	16,087,382	3.69	4,359,724
2005	25,261,893.84	19,695,673	17,403,711	8,110,801	3.69	2,198,049
2006	23,808,791.21	18,247,253	16,123,842	7,923,037	3.69	2,147,164
2007	2,478,474.96	1,862,701	1,645,941	857,319	3.69	232,336
2008	5,745,727.71	4,219,322	3,728,325	2,074,860	3.69	562,293
2009	11,499,990.28	8,218,883	7,262,462	4,352,529	3.69	1,179,547
2010	4,669,219.99	3,231,107	2,855,107	1,860,805	3.69	504,283
2011	1,818,498.59	1,207,454	1,066,944	769,740	3.70	208,038
2012	9,837,830.77	6,215,198	5,491,943	4,444,266	3.70	1,201,153
2013	9,114,966.85	5,400,216	4,771,799	4,434,317	3.70	1,198,464
2014	2,240,282.62	1,217,506	1,075,826	1,186,859	3.70	320,773
2015	3,122,983.23	1,503,487	1,328,528	1,825,685	3.70	493,428
2016	18,893,009.26	7,526,680	6,650,809	12,431,130	3.70	3,359,765
2017	2,237,828.34	636,361	562,308	1,697,898	3.70	458,891
2018	1,871,883.61	221,106	195,376	1,695,226	3.70	458,169
	449,450,037.25	355,899,560	314,483,961	139,460,577		37,890,857

Schedule JJS-D2



AMEREN MISSOURI

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SIOUX						
INTERIM SURVIVOR CURVE.. IOWA 55-R0.5						
PROBABLE RETIREMENT YEAR.. 9-2033						
NET SALVAGE PERCENT.. -3						
1967	19,554,927.85	14,870,324	14,360,512	5,781,064	12.52	461,746
1968	16,322,194.79	12,354,700	11,931,133	4,880,727	12.58	387,975
1969	551,551.18	415,598	401,350	166,748	12.63	13,203
1970	475,603.59	356,690	344,461	145,410	12.68	11,468
1971	68,031.41	50,753	49,013	21,059	12.74	1,653
1972	31,433.82	23,331	22,531	9,846	12.79	770
1973	9,548,105.26	7,050,978	6,809,243	3,025,305	12.83	235,799
1974	43,160.20	31,694	30,607	13,848	12.88	1,075
1975	87,927.25	64,191	61,990	28,575	12.93	2,210
1976	18,532.27	13,450	12,989	6,099	12.97	470
1977	607,091.73	437,801	422,791	202,513	13.02	15,554
1978	150,805.06	108,053	104,349	50,981	13.06	3,904
1979	5,052.99	3,596	3,473	1,732	13.10	132
1980	239,180.34	169,042	163,247	83,109	13.14	6,325
1981	608,394.16	426,809	412,176	214,470	13.18	16,272
1982	13,219,780.15	9,205,622	8,890,018	4,726,356	13.21	357,786
1983	285,096.69	196,886	190,136	103,514	13.25	7,812
1984	1,264,508.64	865,774	836,092	466,352	13.29	35,090
1985	239,389.95	162,488	156,917	89,654	13.32	6,731
1986	12,896,317.70	8,672,473	8,375,147	4,908,060	13.35	367,645
1987	653,536.54	435,247	420,325	252,818	13.38	18,895
1988	339,577.65	223,815	216,142	133,623	13.41	9,964
1989	129,058.33	84,143	81,258	51,672	13.44	3,845
1990	1,126,840.33	726,135	701,240	459,405	13.47	34,106
1991	514,784.26	327,681	316,447	213,781	13.50	15,836
1992	483,929.82	303,983	293,561	204,886	13.53	15,143
1993	1,043,749.73	646,747	624,574	450,488	13.55	33,246
1994	15,464,152.23	9,440,253	9,116,605	6,811,472	13.58	501,581
1995	23,163,017.04	13,920,135	13,442,899	10,415,008	13.60	765,809
1996	46,935,921.67	27,741,721	26,790,628	21,553,371	13.62	1,582,480
1997	27,804,109.21	16,138,217	15,584,937	13,053,296	13.64	956,987
1998	2,489,611.25	1,417,340	1,368,748	1,195,551	13.66	87,522
1999	15,532,581.09	8,656,660	8,359,876	7,638,682	13.68	558,383
2000	2,516,261.20	1,370,750	1,323,755	1,267,994	13.70	92,554
2001	15,272,864.94	8,115,335	7,837,110	7,893,941	13.72	575,360
2002	30,175,785.56	15,602,381	15,067,471	16,013,588	13.74	1,165,472
2003	8,175,164.27	4,101,923	3,961,293	4,459,126	13.76	324,064
2004	20,642,933.49	10,027,264	9,683,491	11,578,731	13.77	840,866
2005	74,925.91	35,076	33,873	43,300	13.79	3,140
2006	13,835,854.41	6,223,809	6,010,433	8,240,497	13.80	597,137
2007	26,773,761.27	11,496,289	11,102,152	16,474,822	13.82	1,192,100

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SIOUX						
INTERIM SURVIVOR CURVE.. IOWA 55-R0.5						
PROBABLE RETIREMENT YEAR.. 9-2033						
NET SALVAGE PERCENT.. -3						
2008	14,499,181.84	5,914,972	5,712,184	9,221,973	13.83	666,809
2009	1,483,871.78	570,119	550,573	977,815	13.85	70,600
2010	492,562,390.56	176,746,852	170,687,288	336,651,974	13.86	24,289,464
2011	3,680,394.91	1,216,622	1,174,912	2,615,895	13.88	188,465
2012	8,426,107.68	2,528,421	2,441,737	6,237,154	13.89	449,039
2013	2,017,993.59	538,465	520,004	1,558,529	13.90	112,124
2014	35,828,555.64	8,242,008	7,959,440	28,943,972	13.91	2,080,803
2015	8,132,509.74	1,528,792	1,476,379	6,900,106	13.93	495,341
2016	35,855,058.68	5,112,688	4,937,405	31,993,305	13.94	2,295,072
2017	19,802,555.04	1,799,799	1,738,095	18,658,537	13.95	1,337,530
2018	7,524,479.69	247,232	238,756	7,511,458	13.96	538,070
	959,178,604.38	396,961,127	383,351,769	604,602,194		43,831,427

LABADIE

INTERIM SURVIVOR CURVE.. IOWA 55-R0.5  
PROBABLE RETIREMENT YEAR.. 9-2042  
NET SALVAGE PERCENT.. -6

1970	43,570,703.71	29,242,460	30,697,112	15,487,834	18.32	845,406
1971	40,252,049.00	26,802,237	28,135,501	14,531,671	18.45	787,624
1972	56,721,350.98	37,472,677	39,336,737	20,787,895	18.57	1,119,434
1973	46,567,937.41	30,514,610	32,032,544	17,329,469	18.69	927,205
1974	195,510.22	127,014	133,332	73,909	18.81	3,929
1975	408,923.37	263,383	276,485	156,974	18.92	8,297
1976	93,996.92	59,982	62,966	36,671	19.04	1,926
1977	2,009,782.21	1,270,595	1,333,800	796,569	19.15	41,596
1978	154,744.91	96,919	101,740	62,289	19.25	3,236
1979	840,177.22	520,914	546,827	343,761	19.36	17,756
1980	2,877,969.68	1,765,959	1,853,806	1,196,842	19.46	61,503
1981	325,040.06	197,333	207,149	137,393	19.56	7,024
1982	3,654,335.38	2,194,431	2,303,592	1,570,004	19.65	79,898
1983	50,873,025.26	30,201,463	31,703,820	22,221,587	19.74	1,125,714
1984	608,536.17	356,957	374,714	270,335	19.83	13,633
1985	456,309.48	264,258	277,403	206,285	19.92	10,356
1986	475,711.86	271,869	285,393	218,862	20.01	10,938
1987	1,009,368.44	569,000	597,305	472,626	20.09	23,525
1988	139,255.53	77,375	81,224	66,387	20.17	3,291
1989	648,588.51	354,999	372,658	314,846	20.25	15,548
1990	9,256,346.28	4,985,437	5,233,435	4,578,292	20.33	225,199

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AMEREN MISSOURI

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LABADIE						
INTERIM SURVIVOR CURVE.. IOWA 55-R0.5						
PROBABLE RETIREMENT YEAR.. 9-2042						
NET SALVAGE PERCENT.. -6						
1991	1,208,932.82	640,414	672,271	609,198	20.40	29,863
1992	12,125,974.09	6,310,056	6,623,947	6,229,586	20.47	304,328
1993	33,351,110.34	17,034,093	17,881,446	17,470,731	20.54	850,571
1994	19,656,359.30	9,847,179	10,337,022	10,498,719	20.60	509,647
1995	8,979,557.90	4,402,799	4,621,814	4,896,517	20.67	236,890
1996	14,531,775.91	6,969,550	7,316,247	8,087,436	20.73	390,132
1997	3,596,141.13	1,683,835	1,767,597	2,044,313	20.79	98,332
1998	528,805.95	241,388	253,396	307,139	20.85	14,731
1999	12,058,439.58	5,357,169	5,623,659	7,158,287	20.90	342,502
2000	15,003,641.54	6,475,893	6,798,033	9,105,827	20.95	434,646
2001	16,315,331.50	6,821,890	7,161,242	10,133,010	21.00	482,524
2002	33,352,589.36	13,471,898	14,142,051	21,211,694	21.05	1,007,681
2003	22,545,508.86	8,773,761	9,210,207	14,688,032	21.10	696,115
2004	4,210,727.96	1,572,089	1,650,292	2,813,080	21.15	133,006
2005	9,335,208.32	3,334,525	3,500,399	6,394,922	21.19	301,790
2006	14,947,860.85	5,080,455	5,333,180	10,511,553	21.23	495,127
2007	6,148,266.15	1,978,219	2,076,625	4,440,538	21.27	208,770
2008	25,820,005.31	7,804,055	8,192,264	19,176,942	21.31	899,903
2009	824,330.46	232,271	243,825	629,965	21.35	29,507
2010	3,330,668.86	865,822	908,892	2,621,617	21.39	122,563
2011	2,784,476.06	658,991	691,772	2,259,772	21.43	105,449
2012	62,012,267.07	13,156,461	13,810,923	51,922,080	21.46	2,419,482
2013	8,393,148.66	1,556,751	1,634,191	7,262,547	21.50	337,793
2014	203,965,873.58	32,071,676	33,667,066	182,536,760	21.53	8,478,252
2015	11,234,963.39	1,424,205	1,495,051	10,414,010	21.57	482,801
2016	98,097,702.07	9,213,984	9,672,329	94,311,235	21.60	4,366,261
2017	9,750,579.99	573,213	601,727	9,733,888	21.63	450,018
2018	104,393,672.41	2,154,497	2,261,671	108,395,621	21.66	5,004,415
	1,019,643,582.02	337,317,011	354,096,680	726,725,517		34,566,137

RUSH ISLAND

INTERIM SURVIVOR CURVE.. IOWA 55-R0.5

PROBABLE RETIREMENT YEAR.. 9-2045

NET SALVAGE PERCENT.. -7

1976	97,258,232.55	59,995,268	66,589,903	37,476,406	20.73	1,807,834
1977	64,205,125.34	39,192,369	43,500,365	25,199,119	20.87	1,207,433
1978	219,009.95	132,285	146,826	87,515	21.00	4,167
1979	218,727.64	130,668	145,031	89,008	21.13	4,212

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AMEREN MISSOURI

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RUSH ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 55-R0.5						
PROBABLE RETIREMENT YEAR.. 9-2045						
NET SALVAGE PERCENT.. -7						
1980	132,847.48	78,458	87,082	55,065	21.26	2,590
1981	35,687.79	20,834	23,124	15,062	21.38	704
1982	264,873.72	152,766	169,558	113,857	21.50	5,296
1983	553,036.17	314,893	349,506	242,243	21.62	11,205
1984	167,808.22	94,288	104,652	74,903	21.74	3,445
1985	504,548.10	279,640	310,378	229,489	21.85	10,503
1986	388,706.09	212,362	235,705	180,211	21.96	8,206
1987	47,175.78	25,398	28,190	22,288	22.06	1,010
1988	57,643.78	30,551	33,909	27,770	22.16	1,253
1989	67,505.28	35,200	39,069	33,161	22.26	1,490
1990	407,190.13	208,658	231,594	204,100	22.36	9,128
1991	548,159.52	275,898	306,225	280,306	22.45	12,486
1992	1,165,459.74	575,722	639,005	608,037	22.54	26,976
1993	3,254,658.91	1,575,685	1,748,883	1,733,602	22.63	76,606
1994	2,463,950.57	1,168,227	1,296,638	1,339,789	22.71	58,996
1995	10,813,228.53	5,009,646	5,560,303	6,009,852	22.80	263,590
1996	17,107,298.06	7,739,456	8,590,171	9,714,638	22.88	424,591
1997	804,634.38	355,094	394,126	466,833	22.95	20,341
1998	939,057.56	403,122	447,433	557,359	23.03	24,201
1999	1,526,722.36	636,873	706,878	926,715	23.10	40,118
2000	1,262,889.61	510,910	567,069	784,223	23.16	33,861
2001	17,468,505.17	6,834,474	7,585,714	11,105,586	23.23	478,071
2002	27,860,230.67	10,514,145	11,669,852	18,140,595	23.29	778,901
2003	3,000,897.68	1,088,484	1,208,129	2,002,831	23.36	85,738
2004	21,723,728.01	7,553,729	8,384,029	14,860,360	23.41	634,787
2005	5,887,399.88	1,952,284	2,166,878	4,132,640	23.47	176,082
2006	4,756,702.09	1,497,585	1,662,198	3,427,473	23.53	145,664
2007	37,659,515.51	11,193,737	12,424,144	27,871,537	23.58	1,181,999
2008	2,699,934.56	752,971	835,737	2,053,193	23.63	86,889
2009	6,592,097.55	1,708,651	1,896,465	5,157,080	23.68	217,782
2010	37,505,858.79	8,948,872	9,932,525	30,198,744	23.73	1,272,598
2011	1,822,649.44	394,494	437,856	1,512,378	23.78	63,599
2012	5,832,388.21	1,128,810	1,252,888	4,987,767	23.82	209,394
2013	5,232,150.00	883,036	980,099	4,618,302	23.87	193,477
2014	19,725,200.82	2,815,114	3,124,549	17,981,416	23.91	752,046
2015	8,723,835.11	998,512	1,108,268	8,226,236	23.96	343,332

AMEREN MISSOURI

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RUSH ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 55-R0.5						
PROBABLE RETIREMENT YEAR.. 9-2045						
NET SALVAGE PERCENT.. -7						
2016	49,551,395.20	4,191,230	4,651,927	48,368,066	24.00	2,015,336
2017	2,459,053.36	129,060	143,246	2,487,941	24.04	103,492
2018	81,970,137.34	1,503,316	1,668,559	86,039,488	24.08	3,573,068
	544,885,856.65	183,242,775	203,384,684	379,643,183		16,372,497
	3,009,553,189.70	1,288,607,682	1,273,253,336	1,871,074,045		133,643,853
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						14.0 4.44

AMEREN MISSOURI

ACCOUNT 312.03 BOILER PLANT EQUIPMENT - ALUMINUM COAL CARS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 30-R2.5						
NET SALVAGE PERCENT.. +25						
1994	15,674,126.53	7,790,080	11,755,595			
1995	12,316,678.09	5,930,481	9,237,509			
1996	6,898,484.75	3,211,262	5,079,949	93,915	11.38	8,253
1997	14,308,616.27	6,420,956	10,157,418	574,044	12.05	47,639
1999	838,656.93	347,412	549,577	79,416	13.43	5,913
2000	28,320,005.43	11,214,722	17,740,758	3,499,246	14.16	247,122
	78,356,568.00	34,914,913	54,520,806	4,246,620		308,927
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						13.7 0.39



AMEREN MISSOURI

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MERAMEC						
INTERIM SURVIVOR CURVE.. IOWA 60-S0.5						
PROBABLE RETIREMENT YEAR.. 9-2022						
NET SALVAGE PERCENT.. 0						
1953	6,760,566.15	6,312,679	6,110,705	649,861	3.53	184,097
1954	4,324,538.30	4,035,097	3,905,994	418,544	3.54	118,233
1955	31,884.17	29,734	28,783	3,102	3.54	876
1959	606,078.34	563,580	545,548	60,530	3.56	17,003
1960	9,069,512.49	8,425,940	8,156,353	913,160	3.57	255,787
1961	10,912,077.59	10,130,336	9,806,217	1,105,861	3.57	309,765
1962	1,147.44	1,064	1,030	117	3.58	33
1963	1,539.59	1,427	1,381	158	3.58	44
1965	16,057.56	14,851	14,376	1,682	3.59	469
1966	47,000.63	43,420	42,031	4,970	3.60	1,381
1967	13,411.23	12,377	11,981	1,430	3.60	397
1968	44,534.65	41,058	39,744	4,790	3.60	1,331
1969	13,658.44	12,576	12,174	1,485	3.61	411
1970	13,491.68	12,408	12,011	1,481	3.61	410
1975	3,356.36	3,065	2,967	389	3.63	107
1976	2,466.54	2,249	2,177	289	3.63	80
1980	79,905.75	72,287	69,974	9,932	3.65	2,721
1982	48,906.62	44,056	42,646	6,260	3.65	1,715
1983	41,659.85	37,430	36,232	5,427	3.66	1,483
1984	39,926.64	35,785	34,640	5,287	3.66	1,445
1985	49,964.09	44,663	43,234	6,730	3.66	1,839
1986	48,293.79	43,036	41,659	6,635	3.67	1,808
1987	64,412.88	57,230	55,399	9,014	3.67	2,456
1988	56,545.12	50,080	48,478	8,067	3.67	2,198
1989	44,349.44	39,146	37,894	6,456	3.67	1,759
1991	1,921,934.37	1,682,999	1,629,152	292,783	3.68	79,561
1992	281,526.75	245,491	237,637	43,890	3.68	11,927
1993	23,181.12	20,114	19,470	3,711	3.69	1,006
1994	5,685,520.09	4,909,390	4,752,314	933,206	3.69	252,901
1995	204,519.25	175,660	170,040	34,479	3.69	9,344
1996	240,732.07	205,566	198,989	41,743	3.69	11,312
1997	3,695,044.11	3,134,026	3,033,753	661,291	3.70	178,727
1998	1,715,808.40	1,445,311	1,399,068	316,740	3.70	85,605
1999	287,304.15	240,183	232,498	54,806	3.70	14,812
2000	858,436.78	711,661	688,891	169,545	3.70	45,823
2001	2,793,590.70	2,293,398	2,220,021	573,570	3.71	154,601
2002	7,157,261.32	5,815,490	5,629,424	1,527,837	3.71	411,816
2003	113,435.40	91,109	88,194	25,241	3.71	6,804
2004	1,198,506.33	950,236	919,833	278,673	3.71	75,114
2005	20,075,166.43	15,671,879	15,170,458	4,904,708	3.72	1,318,470
2006	841,123.17	645,688	625,029	216,094	3.72	58,090

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MERAMEC						
INTERIM SURVIVOR CURVE.. IOWA 60-S0.5						
PROBABLE RETIREMENT YEAR.. 9-2022						
NET SALVAGE PERCENT.. 0						
2007	76,055.01	57,256	55,424	20,631	3.72	5,546
2008	528,705.62	389,022	376,575	152,130	3.72	40,895
2009	3,929,587.68	2,812,406	2,722,423	1,207,164	3.73	323,636
2010	7,817.67	5,416	5,243	2,575	3.73	690
2011	905,636.80	603,218	583,918	321,719	3.73	86,252
2012	16,384,921.30	10,387,221	10,054,883	6,330,039	3.73	1,697,061
2013	9,190,742.45	5,464,540	5,289,702	3,901,040	3.73	1,045,855
2014	151,433.53	82,533	79,892	71,541	3.74	19,129
2015	141,784.14	68,441	66,251	75,533	3.74	20,196
2016	548,345.71	219,163	212,151	336,195	3.74	89,892
2017	1,220,077.65	349,259	338,084	881,993	3.74	235,827
2018	321,992.00	37,969	36,754	285,238	3.74	76,267
	112,835,475.34	88,780,219	85,939,703	26,895,772		7,265,007

SIOUX  
INTERIM SURVIVOR CURVE.. IOWA 60-S0.5  
PROBABLE RETIREMENT YEAR.. 9-2033  
NET SALVAGE PERCENT.. -1

1967	7,576,954.48	5,830,993	5,192,070	2,460,654	12.40	198,440
1968	8,233,518.50	6,310,153	5,618,727	2,697,127	12.46	216,463
1969	24,738.70	18,883	16,814	8,172	12.51	653
1980	2,381.78	1,716	1,528	878	13.06	67
1981	11,490.03	8,220	7,319	4,286	13.11	327
1982	17,075.21	12,127	10,798	6,448	13.16	490
1983	7,493.51	5,283	4,704	2,864	13.20	217
1985	30,970.10	21,482	19,128	12,152	13.29	914
1987	351,730.60	239,597	213,343	141,904	13.38	10,606
1988	8,712.13	5,877	5,233	3,566	13.42	266
1989	151,201.77	100,950	89,889	62,825	13.46	4,668
1990	336,953.19	222,432	198,059	142,263	13.51	10,530
1991	69,414.39	45,292	40,329	29,779	13.55	2,198
1992	6,254.98	4,031	3,589	2,728	13.59	201
1993	19,711.63	12,535	11,161	8,747	13.63	642
1994	1,616,397.67	1,013,494	902,442	730,120	13.67	53,410
1995	4,182,043.52	2,582,428	2,299,462	1,924,402	13.71	140,365
1996	485,833.22	295,126	262,788	227,904	13.75	16,575
1997	162,467.65	96,965	86,340	77,752	13.79	5,638
1998	14,490.03	8,485	7,555	7,080	13.83	512

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AMEREN MISSOURI

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SIOUX						
INTERIM SURVIVOR CURVE.. IOWA 60-S0.5						
PROBABLE RETIREMENT YEAR.. 9-2033						
NET SALVAGE PERCENT.. -1						
1999	27,149,332.32	15,572,561	13,866,220	13,554,606	13.87	977,261
2000	498,080.58	279,355	248,745	254,316	13.91	18,283
2001	3,322,537.16	1,817,884	1,618,692	1,737,071	13.95	124,521
2002	2,680,938.75	1,428,879	1,272,312	1,435,437	13.98	102,678
2003	415,649.49	215,088	191,520	228,286	14.02	16,283
2004	11,899,339.38	5,959,651	5,306,631	6,711,702	14.06	477,361
2005	12,842,620.12	6,204,830	5,524,944	7,446,102	14.10	528,092
2006	1,153,586.18	535,560	476,877	688,245	14.13	48,708
2008	7,620,432.43	3,208,805	2,857,205	4,839,432	14.21	340,565
2009	23,456.67	9,317	8,296	15,395	14.24	1,081
2010	28,051,999.92	10,398,601	9,259,189	19,073,331	14.28	1,335,667
2011	11,652,328.00	3,986,345	3,549,547	8,219,304	14.31	574,375
2012	13,035,120.38	4,047,461	3,603,966	9,561,505	14.35	666,307
2013	125,329.97	34,604	30,812	95,771	14.38	6,660
2014	9,692,841.30	2,305,882	2,053,218	7,736,551	14.41	536,888
2016	4,241,920.60	626,499	557,851	3,726,489	14.48	257,354
2017	6,696,836.39	633,701	564,264	6,199,541	14.51	427,260
2018	180,945.48	6,071	5,406	177,349	14.55	12,189
	164,593,128.21	74,107,163	65,986,975	100,252,084		7,114,715

LABADIE

INTERIM SURVIVOR CURVE.. IOWA 60-S0.5

PROBABLE RETIREMENT YEAR.. 9-2042

NET SALVAGE PERCENT.. -2

1970	14,087,468.45	9,594,470	9,794,408	4,574,809	18.06	253,312
1971	8,268,953.18	5,595,336	5,711,937	2,722,395	18.18	149,747
1972	17,508,851.99	11,763,921	12,009,068	5,849,961	18.31	319,495
1973	13,165,493.75	8,783,646	8,966,688	4,462,116	18.43	242,112
1977	49,226.50	31,831	32,494	17,717	18.91	937
1979	2,377,992.81	1,511,144	1,542,635	882,918	19.14	46,129
1982	197,826.51	122,157	124,703	77,080	19.47	3,959
1983	9,199.67	5,622	5,739	3,645	19.58	186
1984	8,220,652.95	4,968,235	5,071,768	3,313,298	19.69	168,273
1985	5,269.79	3,148	3,214	2,162	19.80	109
1986	89,514.65	52,831	53,932	37,373	19.91	1,877
1987	158,714.17	92,472	94,399	67,489	20.02	3,371
1988	26,564.78	15,275	15,593	11,503	20.12	572
1989	92,634.52	52,514	53,608	40,879	20.23	2,021

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AMEREN MISSOURI

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LABADIE						
INTERIM SURVIVOR CURVE.. IOWA 60-S0.5						
PROBABLE RETIREMENT YEAR.. 9-2042						
NET SALVAGE PERCENT.. -2						
1990	793,836.06	443,496	452,738	356,975	20.33	17,559
1991	109,848.61	60,419	61,678	50,368	20.43	2,465
1992	625,591.90	338,246	345,295	292,809	20.54	14,256
1993	477,832.69	253,876	259,167	228,223	20.64	11,057
1994	486,877.02	253,864	259,154	237,460	20.74	11,449
1995	993,682.78	507,873	518,457	495,100	20.84	23,757
1996	295,269.71	147,729	150,808	150,368	20.94	7,181
1997	32,723.96	16,000	16,333	17,045	21.04	810
1998	134,284.88	64,053	65,388	71,583	21.14	3,386
1999	2,884,252.12	1,340,464	1,368,398	1,573,539	21.23	74,119
2000	8,453,158.86	3,817,834	3,897,394	4,724,828	21.33	221,511
2001	12,197,802.84	5,341,123	5,452,426	6,989,333	21.43	326,147
2002	18,496,864.46	7,833,873	7,997,123	10,869,679	21.52	505,097
2003	44,342,013.88	18,104,206	18,481,478	26,747,376	21.62	1,237,159
2004	3,093,799.89	1,213,799	1,239,093	1,916,583	21.71	88,281
2005	6,634,694.04	2,491,211	2,543,125	4,224,263	21.80	193,774
2006	3,870,630.73	1,383,158	1,411,982	2,536,062	21.90	115,802
2007	1,521,843.45	515,062	525,795	1,026,485	21.99	46,680
2008	25,860,338.00	8,233,751	8,405,334	17,972,211	22.08	813,959
2009	63,402.01	18,835	19,228	45,443	22.17	2,050
2010	28,350.10	7,771	7,933	20,984	22.26	943
2011	214,450.79	53,576	54,692	164,047	22.35	7,340
2012	33,900,159.63	7,589,215	7,747,366	26,830,797	22.44	1,195,668
2013	958,676.88	187,923	191,839	786,011	22.53	34,887
2014	8,499,301.89	1,414,394	1,443,868	7,225,419	22.62	319,426
2015	5,122,620.51	687,358	701,682	4,523,391	22.71	199,181
2016	4,809,730.55	479,701	489,697	4,416,228	22.79	193,779
2017	2,355,388.67	146,889	149,950	2,252,546	22.88	98,450
2018	2,096,419.12	45,547	46,496	2,091,851	22.97	91,069
	253,612,209.75	105,583,848	107,784,102	150,900,352		7,049,342

RUSH ISLAND  
INTERIM SURVIVOR CURVE.. IOWA 60-S0.5  
PROBABLE RETIREMENT YEAR.. 9-2045  
NET SALVAGE PERCENT.. -3

1976	33,158,985.67	21,057,498	20,755,716	13,398,039	20.43	655,802
1977	15,408,386.22	9,695,214	9,556,269	6,314,369	20.58	306,821
1978	39,759.39	24,790	24,435	16,517	20.72	797

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AMEREN MISSOURI

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RUSH ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 60-S0.5						
PROBABLE RETIREMENT YEAR.. 9-2045						
NET SALVAGE PERCENT.. -3						
1980	44,894.07	27,444	27,051	19,190	21.00	914
1982	56,617.03	33,873	33,388	24,928	21.28	1,171
1984	5,476.13	3,201	3,155	2,485	21.55	115
1985	10,754.59	6,210	6,121	4,956	21.68	229
1988	322,394.10	178,645	176,085	155,981	22.08	7,064
1991	12,105.58	6,394	6,302	6,166	22.47	274
1993	56,415.70	28,737	28,325	29,783	22.72	1,311
1994	42,404.30	21,168	20,865	22,812	22.85	998
1995	111,149.17	54,321	53,543	60,941	22.97	2,653
1996	671,654.91	320,852	316,254	375,551	23.10	16,258
1997	514,780.75	240,059	236,619	293,606	23.22	12,645
1999	47,621.92	21,053	20,751	28,299	23.46	1,206
2000	384,155.42	164,694	162,334	233,346	23.59	9,892
2001	10,204,405.67	4,234,906	4,174,214	6,336,324	23.71	267,243
2002	12,607,836.83	5,051,192	4,978,802	8,007,270	23.83	336,016
2003	2,909,124.54	1,121,702	1,105,627	1,890,772	23.95	78,947
2004	20,003,550.94	7,401,864	7,295,785	13,307,872	24.06	553,112
2005	11,543,985.67	4,077,542	4,019,105	7,871,200	24.18	325,525
2006	26,889.14	9,027	8,898	18,798	24.30	774
2007	4,580,406.20	1,453,607	1,432,775	3,285,044	24.41	134,578
2008	303,840.75	90,441	89,145	223,811	24.53	9,124
2009	47,486.27	13,160	12,971	35,939	24.64	1,459
2010	20,648,587.32	5,267,031	5,191,547	16,076,498	24.76	649,293
2011	21,192,711.03	4,916,431	4,845,972	16,982,520	24.87	682,852
2012	30,913.71	6,403	6,311	25,530	24.99	1,022
2013	2,154,468.12	389,297	383,718	1,835,384	25.10	73,123
2014	1,499,184.21	229,014	225,732	1,318,428	25.21	52,298
2015	284,248.12	34,928	34,427	258,348	25.32	10,203
2016	5,243,382.54	476,340	469,513	4,931,171	25.43	193,912
2017	920,036.39	52,234	51,485	896,152	25.54	35,088
2018	3,083,408.26	60,723	59,853	3,116,058	25.65	121,484
	168,172,020.66	66,769,995	65,813,092	107,404,089		4,544,203
	699,212,833.96	335,241,225	325,523,872	385,452,297		25,973,267
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						14.8 3.71

AMEREN MISSOURI

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COMMON - ALL STEAM PLANTS						
INTERIM SURVIVOR CURVE.. IOWA 75-S0						
PROBABLE RETIREMENT YEAR.. 9-2042						
NET SALVAGE PERCENT.. -2						
2001	3,104,233.98	1,338,213	1,308,001	1,858,318	21.98	84,546
2003	25,740.59	10,355	10,121	16,134	22.08	731
	3,129,974.57	1,348,568	1,318,122	1,874,452		85,277
MERAMEC						
INTERIM SURVIVOR CURVE.. IOWA 75-S0						
PROBABLE RETIREMENT YEAR.. 9-2022						
NET SALVAGE PERCENT.. 0						
1952	3,103.28	2,907	2,635	468	3.64	129
1953	3,210,088.37	3,005,317	2,724,078	486,011	3.64	133,520
1954	1,832,960.92	1,714,882	1,554,402	278,559	3.64	76,527
1955	33,319.97	31,152	28,237	5,083	3.64	1,396
1956	11,295.13	10,550	9,563	1,732	3.65	475
1957	5,567.93	5,197	4,711	857	3.65	235
1958	2,051.05	1,913	1,734	317	3.65	87
1959	2,416,224.49	2,251,631	2,040,922	375,302	3.65	102,822
1960	7,614.15	7,089	6,426	1,189	3.65	326
1961	4,042,832.13	3,760,885	3,408,939	633,893	3.65	173,669
1962	46,125.72	42,861	38,850	7,276	3.66	1,988
1963	8,133.84	7,551	6,844	1,289	3.66	352
1964	2,583.30	2,396	2,172	412	3.66	113
1965	7,117.73	6,594	5,977	1,141	3.66	312
1966	435.28	403	365	70	3.66	19
1967	6,734.65	6,226	5,643	1,091	3.66	298
1968	25,540.67	23,577	21,371	4,170	3.67	1,136
1970	1,137.91	1,048	950	188	3.67	51
1972	742.63	682	618	124	3.67	34
1973	3,247.38	2,978	2,699	548	3.67	149
1974	4,124.41	3,775	3,422	703	3.68	191
1975	126,416.63	115,525	104,714	21,703	3.68	5,898
1981	965,649.06	872,049	790,442	175,207	3.69	47,482
1984	10,297.18	9,231	8,367	1,930	3.69	523
1985	23,578.07	21,080	19,107	4,471	3.69	1,212
1986	33,372.74	29,750	26,966	6,407	3.69	1,736
1987	644.37	573	519	125	3.69	34
1988	80,456.75	71,268	64,599	15,858	3.69	4,298
1989	3,002.46	2,649	2,401	601	3.70	162
1990	854,406.48	751,066	680,781	173,626	3.70	46,926

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AMEREN MISSOURI

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MERAMEC						
INTERIM SURVIVOR CURVE.. IOWA 75-S0						
PROBABLE RETIREMENT YEAR.. 9-2022						
NET SALVAGE PERCENT.. 0						
1991	135,851.68	118,945	107,814	28,038	3.70	7,578
1992	127,199.95	110,887	100,510	26,690	3.70	7,214
1993	872,118.52	756,755	685,937	186,181	3.70	50,319
1994	300,263.47	259,253	234,992	65,272	3.70	17,641
1995	1,437,036.88	1,234,012	1,118,532	318,504	3.70	86,082
1996	1,203,783.34	1,027,261	931,129	272,654	3.71	73,492
1997	810,393.83	687,125	622,823	187,570	3.71	50,558
1998	42,246.74	35,571	32,242	10,004	3.71	2,696
1999	1,678,402.08	1,402,389	1,271,153	407,249	3.71	109,771
2000	48,393.54	40,097	36,345	12,049	3.71	3,248
2001	3,747,563.45	3,076,225	2,788,350	959,213	3.71	258,548
2002	4,573,967.15	3,715,616	3,367,907	1,206,061	3.71	325,084
2003	2,856,137.70	2,292,193	2,077,688	778,449	3.72	209,260
2004	2,391,167.55	1,893,948	1,716,711	674,456	3.72	181,305
2005	1,253,843.34	978,499	886,931	366,913	3.72	98,633
2006	3,106,142.63	2,383,499	2,160,450	945,693	3.72	254,219
2007	113,515.61	85,420	77,426	36,089	3.72	9,701
2008	141,954.86	104,423	94,651	47,304	3.72	12,716
2009	1,601,535.44	1,145,530	1,038,331	563,205	3.73	150,993
2010	283,384.42	196,244	177,879	105,505	3.73	28,286
2011	805,099.12	535,769	485,631	319,468	3.73	85,648
2012	8,065,599.19	5,107,460	4,629,501	3,436,098	3.73	921,206
2013	3,413,598.67	2,028,087	1,838,297	1,575,301	3.73	422,333
2014	673,382.39	367,451	333,065	340,318	3.73	91,238
2015	30,988.27	14,936	13,538	17,450	3.74	4,666
2016	28,444.78	11,369	10,305	18,140	3.74	4,850
2017	3,592,544.58	1,028,402	932,164	2,660,381	3.74	711,332
2018	740,331.52	87,300	79,130	661,201	3.74	176,792
	57,843,695.38	43,487,471	39,417,889	18,425,806		4,957,509

SIOUX  
INTERIM SURVIVOR CURVE.. IOWA 75-S0  
PROBABLE RETIREMENT YEAR.. 9-2033  
NET SALVAGE PERCENT.. -1

1967	4,043,295.63	3,095,262	2,315,604	1,768,124	13.40	131,950
1968	4,018,480.99	3,063,643	2,291,950	1,766,716	13.43	131,550
1969	82,531.94	62,664	46,880	36,478	13.45	2,712
1970	66,977.73	50,641	37,885	29,762	13.47	2,210

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SIOUX						
INTERIM SURVIVOR CURVE.. IOWA 75-S0						
PROBABLE RETIREMENT YEAR.. 9-2033						
NET SALVAGE PERCENT.. -1						
1971	15,755.68	11,860	8,873	7,041	13.49	522
1972	1,434.63	1,075	804	645	13.52	48
1973	40,941.53	30,524	22,835	18,516	13.54	1,368
1974	25,391.66	18,836	14,091	11,554	13.56	852
1975	11,696.07	8,631	6,457	5,356	13.58	394
1976	4,232.02	3,106	2,324	1,951	13.60	143
1977	1,719.55	1,255	939	798	13.62	59
1978	1,485.74	1,078	806	694	13.65	51
1980	30,169.52	21,605	16,163	14,308	13.69	1,045
1982	78,821.52	55,655	41,636	37,974	13.73	2,766
1983	31,251.42	21,902	16,385	15,179	13.75	1,104
1984	27,892.56	19,393	14,508	13,663	13.77	992
1985	27,932.00	19,258	14,407	13,804	13.79	1,001
1986	58,693.68	40,113	30,009	29,272	13.81	2,120
1987	157,501.95	106,645	79,782	79,295	13.83	5,734
1988	16,705.22	11,199	8,378	8,494	13.85	613
1989	17,531.74	11,632	8,702	9,005	13.87	649
1991	22,106.28	14,335	10,724	11,603	13.91	834
1992	166,199.87	106,441	79,630	88,232	13.93	6,334
1993	21,200.11	13,398	10,023	11,389	13.95	816
1994	81,749.04	50,930	38,101	44,465	13.97	3,183
1995	368,334.52	226,027	169,094	202,924	13.99	14,505
1996	2,912,158.18	1,757,856	1,315,074	1,626,206	14.01	116,075
1997	2,963,354.74	1,757,573	1,314,862	1,678,126	14.03	119,610
1998	363,118.74	211,310	158,084	208,666	14.05	14,852
1999	374,022.20	213,258	159,541	218,221	14.07	15,510
2000	38,419.84	21,419	16,024	22,780	14.09	1,617
2001	187,142.77	101,830	76,180	112,834	14.11	7,997
2002	3,430,196.56	1,817,892	1,359,988	2,104,511	14.13	148,939
2003	807,781.36	415,427	310,786	505,073	14.16	35,669
2004	4,992,001.41	2,485,819	1,859,672	3,182,249	14.18	224,418
2005	6,770,791.96	3,253,895	2,434,280	4,404,220	14.20	310,156
2006	1,765,380.44	814,918	609,650	1,173,384	14.22	82,516
2007	6,495,960.49	2,868,106	2,145,666	4,415,254	14.24	310,060
2008	1,059,647.29	444,066	332,211	738,032	14.27	51,719
2009	512,384.94	202,553	151,532	365,976	14.29	25,611
2010	78,256,413.37	28,903,764	21,623,267	57,415,710	14.31	4,012,279
2011	330,426.39	112,581	84,223	249,507	14.34	17,399
2012	80,606.36	24,963	18,675	62,737	14.36	4,369
2013	164,370.01	45,177	33,797	132,216	14.39	9,188
2014	4,005,098.94	951,177	711,587	3,333,563	14.41	231,337

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AMEREN MISSOURI

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SIOUX						
INTERIM SURVIVOR CURVE.. IOWA 75-S0						
PROBABLE RETIREMENT YEAR.. 9-2033						
NET SALVAGE PERCENT.. -1						
2015	866,387.32	168,754	126,247	748,804	14.44	51,856
2016	621,780.40	91,568	68,503	559,495	14.47	38,666
2017	1,309,073.73	123,199	92,167	1,229,998	14.50	84,827
2018	98,448.24	3,308	2,475	96,958	14.53	6,673
	127,824,998.28	53,857,521	40,291,485	88,811,763		6,234,898

LABADIE  
INTERIM SURVIVOR CURVE.. IOWA 75-S0  
PROBABLE RETIREMENT YEAR.. 9-2042  
NET SALVAGE PERCENT.. -2

1970	9,794,059.45	6,518,636	6,990,552	2,999,389	20.39	147,101
1971	4,804,054.28	3,177,738	3,407,790	1,492,345	20.44	73,011
1972	9,071,528.80	5,960,386	6,391,887	2,861,072	20.50	139,564
1973	6,579,247.20	4,293,926	4,604,784	2,106,048	20.55	102,484
1974	81,883.41	53,054	56,895	26,626	20.61	1,292
1977	14,104.26	8,932	9,579	4,808	20.77	231
1979	175,810.30	109,477	117,403	61,924	20.87	2,967
1980	324,190.27	200,051	214,534	116,140	20.92	5,552
1981	56,422.93	34,493	36,990	20,561	20.97	980
1982	5,213.95	3,155	3,383	1,935	21.03	92
1983	2,857,476.90	1,711,556	1,835,464	1,079,163	21.08	51,194
1984	897,944.18	532,066	570,585	345,318	21.13	16,343
1985	194,295.55	113,843	122,085	76,097	21.18	3,593
1986	906,604.29	524,899	562,899	361,837	21.23	17,044
1987	6,310.99	3,608	3,869	2,568	21.28	121
1988	2,712,190.91	1,530,392	1,641,185	1,125,250	21.33	52,754
1989	3,101,649.25	1,726,073	1,851,032	1,312,650	21.38	61,396
1991	516,854.08	279,021	299,221	227,970	21.48	10,613
1992	192,178.50	102,069	109,458	86,564	21.53	4,021
1993	2,265,485.12	1,182,318	1,267,912	1,042,883	21.58	48,326
1994	3,192,711.50	1,635,415	1,753,811	1,502,755	21.63	69,475
1995	1,275,602.18	640,656	687,036	614,078	21.68	28,325
1996	1,826,848.97	898,394	963,433	899,953	21.73	41,415
1997	77,965.33	37,474	40,187	39,338	21.78	1,806
1998	96,254.68	45,168	48,438	49,742	21.83	2,279
1999	1,820,361.04	832,148	892,391	964,377	21.88	44,076
2000	1,724,299.79	766,250	821,723	937,063	21.93	42,730
2001	640,370.46	276,059	296,044	357,134	21.98	16,248

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AMEREN MISSOURI

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LABADIE						
INTERIM SURVIVOR CURVE.. IOWA 75-S0						
PROBABLE RETIREMENT YEAR.. 9-2042						
NET SALVAGE PERCENT.. -2						
2002	1,941,518.14	809,784	868,408	1,111,940	22.03	50,474
2003	1,343,991.74	540,672	579,814	791,058	22.08	35,827
2004	1,977,184.64	764,259	819,587	1,197,141	22.14	54,071
2005	2,490,904.21	921,571	988,288	1,552,434	22.19	69,961
2006	346,762.20	122,270	131,122	222,576	22.24	10,008
2007	672,626.16	224,554	240,811	445,268	22.30	19,967
2008	7,613,831.11	2,393,980	2,567,292	5,198,816	22.35	232,609
2009	911,152.37	267,140	286,480	642,896	22.41	28,688
2010	899,162.93	243,750	261,396	655,750	22.46	29,196
2011	60,698.55	15,015	16,102	45,811	22.52	2,034
2012	19,998,878.02	4,433,283	4,754,230	15,644,626	22.58	692,853
2013	3,223,331.37	626,523	671,880	2,615,918	22.64	115,544
2014	6,493,128.05	1,073,256	1,150,954	5,472,036	22.70	241,059
2015	36,714.01	4,890	5,244	32,204	22.77	1,414
2016	3,212,981.23	318,646	341,714	2,935,527	22.84	128,526
2017	1,124,827.72	69,620	74,660	1,072,664	22.91	46,821
2018	9,972,178.23	216,554	232,231	9,939,390	22.98	432,523
	117,531,789.25	46,243,024	49,590,782	70,291,643		3,176,608

RUSH ISLAND  
INTERIM SURVIVOR CURVE.. IOWA 75-S0  
PROBABLE RETIREMENT YEAR.. 9-2045  
NET SALVAGE PERCENT.. -2

1976	11,488,373.58	7,019,401	7,876,361	3,841,780	22.88	167,910
1977	5,245,810.44	3,178,225	3,566,237	1,784,490	22.94	77,789
1979	14,870.22	8,847	9,927	5,241	23.07	227
1980	5,304.80	3,125	3,507	1,904	23.14	82
1981	80,169.12	46,758	52,466	29,306	23.20	1,263
1982	1,339.29	773	867	499	23.27	21
1984	61,645.51	34,779	39,025	23,853	23.39	1,020
1985	6,248.05	3,482	3,907	2,466	23.46	105
1987	10,740.56	5,832	6,544	4,411	23.58	187
1992	5,621.36	2,822	3,167	2,567	23.89	107
1993	84,061.07	41,428	46,486	39,257	23.95	1,639
1994	95,124.63	45,951	51,561	45,466	24.02	1,893
1995	1,120,400.88	530,195	594,924	547,885	24.08	22,753
1996	2,625,676.83	1,215,149	1,363,500	1,314,691	24.14	54,461
1997	154,361.96	69,756	78,272	79,177	24.20	3,272

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AMEREN MISSOURI

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RUSH ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 75-S0						
PROBABLE RETIREMENT YEAR.. 9-2045						
NET SALVAGE PERCENT.. -2						
1998	4,525.00	1,993	2,236	2,379	24.27	98
1999	169,650.50	72,706	81,582	91,461	24.33	3,759
2000	35,227.63	14,656	16,445	19,487	24.39	799
2001	1,763,013.01	710,318	797,037	1,001,236	24.46	40,934
2002	1,723,840.18	670,956	752,869	1,005,448	24.52	41,005
2003	86,331.44	32,337	36,285	51,773	24.59	2,105
2004	5,628,659.57	2,023,842	2,270,922	3,470,311	24.65	140,783
2005	47,499.02	16,314	18,306	30,143	24.72	1,219
2006	201,949.01	65,988	74,044	131,944	24.78	5,325
2007	6,582,758.99	2,034,132	2,282,468	4,431,946	24.85	178,348
2008	221,395.88	64,206	72,045	153,779	24.92	6,171
2009	2,180,443.28	588,885	660,779	1,563,273	24.99	62,556
2010	2,093,674.09	521,159	584,784	1,550,763	25.06	61,882
2011	3,302,376.61	748,531	839,915	2,528,509	25.13	100,617
2012	2,827,936.95	572,313	642,184	2,242,312	25.21	88,945
2013	1,684,177.12	298,203	334,609	1,383,252	25.28	54,717
2014	3,401,432.74	509,976	572,236	2,897,225	25.36	114,244
2015	103,394.64	12,466	13,988	91,475	25.44	3,596
2016	645,760.38	57,693	64,736	593,939	25.52	23,273
2017	302,732.39	16,869	18,928	289,859	25.61	11,318
2018	2,052,959.42	39,179	43,962	2,050,056	25.70	79,769
	56,059,486.15	21,279,245	23,877,111	33,303,565		1,354,192
	362,389,943.63	166,215,829	154,495,389	212,707,229		15,808,484
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						13.5 4.36

AMEREN MISSOURI

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COMMON - ALL STEAM PLANTS						
INTERIM SURVIVOR CURVE.. IOWA 40-L0						
PROBABLE RETIREMENT YEAR.. 9-2042						
NET SALVAGE PERCENT.. 0						
2001	17,331.45	6,869	6,124	11,207	18.26	614
	17,331.45	6,869	6,124	11,207		614
MERAMEC						
INTERIM SURVIVOR CURVE.. IOWA 40-L0						
PROBABLE RETIREMENT YEAR.. 9-2022						
NET SALVAGE PERCENT.. 0						
1952	27,062.99	24,617	13,646	13,417	3.43	3,912
1953	38,955.04	35,422	19,636	19,319	3.43	5,632
1954	21,452.60	19,494	10,806	10,646	3.44	3,095
1955	225.38	205	114	112	3.44	33
1956	1,956.28	1,776	985	972	3.44	283
1959	355.75	322	178	177	3.46	51
1960	25,565.75	23,152	12,834	12,732	3.46	3,680
1961	1,580.89	1,430	793	788	3.47	227
1962	37,639.06	34,035	18,867	18,772	3.47	5,410
1963	252.60	228	126	126	3.48	36
1964	1,487.19	1,343	744	743	3.48	214
1965	1,620.47	1,461	810	811	3.49	232
1967	1,591.52	1,433	794	797	3.49	228
1968	2,323.72	2,090	1,159	1,165	3.50	333
1969	2,844.26	2,556	1,417	1,427	3.50	408
1971	2,472.24	2,216	1,228	1,244	3.51	354
1972	2,565.32	2,297	1,273	1,292	3.51	368
1973	243.24	218	121	122	3.52	35
1975	4,591.52	4,094	2,269	2,322	3.53	658
1976	18,233.44	16,237	9,001	9,233	3.53	2,616
1977	24,075.97	21,409	11,868	12,208	3.53	3,458
1978	19,930.99	17,690	9,806	10,125	3.54	2,860
1979	33,500.71	29,686	16,456	17,044	3.54	4,815
1980	9,192.31	8,132	4,508	4,684	3.54	1,323
1981	17,563.28	15,502	8,593	8,970	3.55	2,527
1982	112,879.67	99,441	55,125	57,755	3.55	16,269
1983	43,146.46	37,930	21,026	22,120	3.55	6,231
1984	117,534.88	103,057	57,129	60,406	3.56	16,968
1985	73,431.73	64,234	35,608	37,824	3.56	10,625
1986	31,830.13	27,773	15,396	16,434	3.56	4,616
1987	97,718.64	84,996	47,117	50,602	3.57	14,174

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AMEREN MISSOURI

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MERAMEC						
INTERIM SURVIVOR CURVE.. IOWA 40-LO						
PROBABLE RETIREMENT YEAR.. 9-2022						
NET SALVAGE PERCENT.. 0						
1988	38,442.06	33,338	18,481	19,961	3.57	5,591
1989	172,570.28	149,199	82,708	89,863	3.57	25,172
1990	84,140.92	72,470	40,173	43,968	3.58	12,282
1991	91,726.96	78,716	43,636	48,091	3.58	13,433
1992	137,243.79	117,320	65,036	72,208	3.58	20,170
1993	514,941.54	438,107	242,862	272,079	3.59	75,788
1994	158,230.51	134,007	74,286	83,945	3.59	23,383
1995	308,584.27	260,038	144,151	164,434	3.59	45,803
1996	422,632.72	354,035	196,257	226,375	3.60	62,882
1997	206,894.30	172,283	95,504	111,390	3.60	30,942
1998	161,090.42	133,277	73,881	87,209	3.60	24,225
1999	185,393.08	152,195	84,368	101,025	3.61	27,985
2000	227,742.24	185,473	102,816	124,926	3.61	34,606
2001	240,647.40	194,265	107,690	132,958	3.61	36,830
2002	273,844.84	218,923	121,359	152,486	3.61	42,240
2003	359,279.45	283,881	157,368	201,912	3.62	55,777
2004	312,652.83	243,976	135,247	177,406	3.62	49,007
2005	472,472.36	363,534	201,523	270,949	3.62	74,848
2006	271,881.58	205,646	113,999	157,883	3.63	43,494
2007	310,437.42	230,404	127,723	182,714	3.63	50,334
2008	595,668.74	432,152	239,561	356,108	3.64	97,832
2009	973,829.45	688,196	381,497	592,332	3.64	162,729
2010	121,268.46	82,945	45,980	75,288	3.65	20,627
2011	154,729.18	101,849	56,459	98,270	3.65	26,923
2012	300,654.18	188,255	104,358	196,296	3.66	53,633
2013	616,238.61	362,533	200,968	415,271	3.66	113,462
2014	83,686.25	45,199	25,056	58,630	3.67	15,975
2015	186,769.52	89,543	49,638	137,132	3.67	37,366
2016	468,529.06	186,339	103,296	365,233	3.68	99,248
2017	365,751.48	104,195	57,760	307,992	3.69	83,467
2018	451,123.87	52,759	29,247	421,877	3.70	114,021
	10,042,921.80	7,039,528	3,902,321	6,140,601		1,691,746

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AMEREN MISSOURI

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SIOUX						
INTERIM SURVIVOR CURVE.. IOWA 40-L0						
PROBABLE RETIREMENT YEAR.. 9-2033						
NET SALVAGE PERCENT.. 0						
1967	267,521.27	188,038	94,747	172,774	11.10	15,565
1968	83,511.92	58,481	29,467	54,045	11.15	4,847
1969	6,867.52	4,790	2,414	4,454	11.20	398
1970	10,378.34	7,209	3,632	6,746	11.25	600
1971	12,762.16	8,827	4,448	8,314	11.30	736
1972	4,840.88	3,333	1,679	3,161	11.35	279
1973	27,167.91	18,629	9,387	17,781	11.39	1,561
1974	25,263.60	17,242	8,688	16,576	11.44	1,449
1975	12,844.18	8,722	4,395	8,449	11.49	735
1976	46,019.72	31,085	15,663	30,357	11.54	2,631
1977	11,513.24	7,737	3,898	7,615	11.58	658
1978	17,869.80	11,942	6,017	11,853	11.63	1,019
1979	16,939.92	11,258	5,673	11,267	11.67	965
1980	64,295.76	42,460	21,394	42,901	11.72	3,660
1981	33,099.85	21,725	10,947	22,153	11.76	1,884
1982	66,402.20	43,283	21,809	44,593	11.81	3,776
1983	59,139.60	38,289	19,293	39,847	11.85	3,363
1984	42,125.65	27,067	13,638	28,487	11.90	2,394
1985	140,766.69	89,757	45,226	95,540	11.94	8,002
1986	74,638.04	47,187	23,776	50,862	11.99	4,242
1987	48,835.98	30,613	15,425	33,411	12.03	2,777
1988	19,277.80	11,977	6,035	13,243	12.07	1,097
1989	122,921.56	75,612	38,099	84,823	12.12	6,999
1990	41,979.26	25,560	12,879	29,100	12.16	2,393
1991	172,476.91	103,891	52,348	120,129	12.20	9,847
1992	145,238.46	86,471	43,570	101,668	12.24	8,306
1993	138,952.53	81,732	41,183	97,770	12.28	7,962
1994	228,633.97	132,695	66,862	161,772	12.32	13,131
1995	205,206.62	117,372	59,141	146,066	12.37	11,808
1996	190,665.24	107,409	54,121	136,545	12.41	11,003
1997	293,823.98	162,849	82,055	211,769	12.45	17,010
1998	53,278.98	29,010	14,617	38,662	12.49	3,095
1999	282,083.18	150,641	75,904	206,179	12.53	16,455
2000	104,751.03	54,799	27,612	77,139	12.57	6,137
2001	59,777.19	30,572	15,404	44,373	12.61	3,519
2002	199,927.24	99,726	50,249	149,678	12.65	11,832
2003	56,020.96	27,193	13,702	42,319	12.69	3,335
2004	293,925.14	138,412	69,742	224,183	12.73	17,611
2005	151,604.38	69,047	34,791	116,813	12.77	9,147
2006	323,357.08	141,698	71,398	251,959	12.82	19,654
2007	932,222.26	391,720	197,378	734,845	12.86	57,142

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AMEREN MISSOURI

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SIOUX						
INTERIM SURVIVOR CURVE.. IOWA 40-L0						
PROBABLE RETIREMENT YEAR.. 9-2033						
NET SALVAGE PERCENT.. 0						
2008	966,726.27	386,778	194,887	771,839	12.91	59,786
2009	242,331.92	91,703	46,207	196,125	12.96	15,133
2010	1,460,187.48	517,155	260,581	1,199,606	13.02	92,136
2011	260,792.15	85,545	43,104	217,688	13.07	16,656
2012	1,147,104.17	342,973	172,815	974,289	13.13	74,203
2013	911,833.83	243,159	122,522	789,312	13.20	59,796
2014	993,994.18	229,911	115,846	878,148	13.26	66,225
2015	178,230.65	33,958	17,111	161,120	13.34	12,078
2016	1,266,001.80	183,849	92,637	1,173,365	13.42	87,434
2017	225,721.90	21,209	10,687	215,035	13.50	15,929
2018	1,022,609.79	34,135	17,200	1,005,410	13.61	73,873
	13,764,462.14	4,926,435	2,482,303	11,282,159		872,273

LABADIE  
INTERIM SURVIVOR CURVE.. IOWA 40-L0  
PROBABLE RETIREMENT YEAR.. 9-2042  
NET SALVAGE PERCENT.. 0

1970	907,591.23	544,645	406,893	500,698	15.28	32,768
1971	498,156.91	296,956	221,850	276,307	15.38	17,965
1972	953,123.51	564,335	421,603	531,520	15.48	34,336
1973	489,661.04	287,945	215,118	274,543	15.58	17,622
1974	33,270.16	19,421	14,509	18,761	15.68	1,196
1975	21,793.96	12,628	9,434	12,360	15.78	783
1976	61,105.50	35,133	26,247	34,858	15.88	2,195
1977	19,621.97	11,193	8,362	11,260	15.98	705
1978	32,420.91	18,339	13,701	18,720	16.08	1,164
1979	52,604.02	29,500	22,039	30,565	16.18	1,889
1980	242,339.20	134,692	100,626	141,714	16.28	8,705
1981	58,096.54	31,989	23,898	34,198	16.38	2,088
1982	139,910.11	76,286	56,992	82,918	16.48	5,031
1983	199,407.80	107,646	80,420	118,988	16.58	7,177
1984	133,437.82	71,304	53,270	80,168	16.67	4,809
1985	175,310.22	92,634	69,205	106,105	16.77	6,327
1986	180,684.42	94,359	70,494	110,191	16.87	6,532
1987	78,502.76	40,528	30,278	48,225	16.96	2,843
1988	29,835.47	15,205	11,359	18,476	17.06	1,083
1989	136,586.23	68,708	51,330	85,256	17.15	4,971
1990	261,250.49	129,557	96,789	164,461	17.25	9,534

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ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LABADIE						
INTERIM SURVIVOR CURVE.. IOWA 40-L0						
PROBABLE RETIREMENT YEAR.. 9-2042						
NET SALVAGE PERCENT.. 0						
1991	307,828.88	150,467	112,411	195,418	17.34	11,270
1992	356,644.66	171,689	128,265	228,379	17.43	13,103
1993	624,621.11	295,708	220,918	403,704	17.53	23,029
1994	524,879.23	244,200	182,437	342,442	17.62	19,435
1995	375,604.50	171,557	128,167	247,438	17.71	13,972
1996	101,883.52	45,601	34,068	67,816	17.81	3,808
1997	193,204.76	84,689	63,269	129,935	17.90	7,259
1998	154,459.59	66,218	49,470	104,989	17.99	5,836
1999	122,719.87	51,353	38,365	84,355	18.08	4,666
2000	251,639.45	102,609	76,657	174,982	18.17	9,630
2001	383,373.23	151,954	113,522	269,851	18.26	14,778
2002	288,670.90	111,034	82,951	205,720	18.35	11,211
2003	271,213.70	100,780	75,291	195,923	18.45	10,619
2004	501,442.49	179,757	134,293	367,150	18.54	19,803
2005	565,060.88	194,449	145,269	419,792	18.64	22,521
2006	785,863.86	258,581	193,181	592,683	18.74	31,627
2007	587,538.22	183,847	137,348	450,190	18.84	23,895
2008	469,440.16	138,616	103,557	365,883	18.95	19,308
2009	521,271.86	144,356	107,845	413,426	19.06	21,691
2010	500,784.79	128,832	96,248	404,537	19.17	21,103
2011	530,255.94	125,003	93,387	436,869	19.29	22,647
2012	663,600.42	141,281	105,548	558,052	19.41	28,751
2013	178,825.20	33,594	25,097	153,728	19.54	7,867
2014	788,336.32	126,741	94,686	693,651	19.68	35,246
2015	1,021,410.20	133,835	99,985	921,425	19.83	46,466
2016	1,523,087.72	149,704	111,841	1,411,247	20.00	70,562
2017	352,550.62	21,953	16,401	336,150	20.18	16,658
2018	480,475.05	10,830	8,091	472,384	20.38	23,179
	18,131,397.40	6,402,241	4,782,986	13,348,411		729,663

RUSH ISLAND  
INTERIM SURVIVOR CURVE.. IOWA 40-L0  
PROBABLE RETIREMENT YEAR.. 9-2045  
NET SALVAGE PERCENT.. 0

1942	7,822.56	5,323	3,062	4,760	12.74	374
1943	330.94	224	129	202	12.87	16
1959	60,279.56	37,445	21,541	38,739	14.91	2,598
1975	3,678.87	2,044	1,176	2,503	16.86	148

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ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RUSH ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 40-L0						
PROBABLE RETIREMENT YEAR.. 9-2045						
NET SALVAGE PERCENT.. 0						
1976	1,336,196.48	736,284	423,553	912,643	16.98	53,748
1977	470,223.72	256,893	147,780	322,444	17.09	18,867
1978	100,691.72	54,505	31,354	69,337	17.21	4,029
1979	70,281.46	37,680	21,676	48,606	17.33	2,805
1980	26,627.56	14,137	8,132	18,495	17.45	1,060
1981	72,968.66	38,337	22,054	50,915	17.57	2,898
1982	71,107.90	36,983	21,275	49,833	17.68	2,819
1983	85,236.29	43,839	25,219	60,018	17.80	3,372
1984	66,322.18	33,734	19,406	46,916	17.91	2,620
1985	49,618.91	24,933	14,343	35,276	18.03	1,957
1986	182,267.53	90,450	52,032	130,235	18.15	7,175
1987	23,152.90	11,344	6,526	16,627	18.26	911
1988	12,753.82	6,165	3,546	9,207	18.37	501
1989	25,874.34	12,325	7,090	18,784	18.49	1,016
1990	16,149.11	7,582	4,362	11,788	18.60	634
1991	24,440.90	11,289	6,494	17,947	18.72	959
1992	83,331.57	37,863	21,781	61,551	18.83	3,269
1993	116,955.98	52,223	30,042	86,914	18.94	4,589
1994	74,365.03	32,600	18,753	55,612	19.05	2,919
1995	57,506.64	24,707	14,213	43,294	19.17	2,258
1996	93,210.14	39,227	22,566	70,644	19.28	3,664
1997	50,661.51	20,849	11,994	38,668	19.39	1,994
1998	142,403.08	57,223	32,918	109,485	19.50	5,615
1999	160,392.68	62,834	36,146	124,247	19.61	6,336
2000	129,655.02	49,430	28,435	101,220	19.72	5,133
2001	376,471.13	139,400	80,191	296,280	19.83	14,941
2002	310,583.65	111,388	64,077	246,507	19.94	12,362
2003	240,569.14	83,273	47,903	192,666	20.06	9,604
2004	536,871.18	178,896	102,911	433,960	20.17	21,515
2005	461,209.64	147,393	84,789	376,421	20.29	18,552
2006	704,288.87	214,695	123,505	580,784	20.41	28,456
2007	96,576.90	27,971	16,091	80,486	20.53	3,920
2008	149,356.60	40,782	23,460	125,896	20.66	6,094
2009	275,006.03	70,303	40,442	234,564	20.79	11,283
2010	301,725.11	71,415	41,082	260,643	20.93	12,453
2011	654,107.20	141,575	81,442	572,665	21.07	27,179
2012	789,229.27	153,892	88,528	700,702	21.22	33,021
2013	1,091,996.19	187,856	108,066	983,931	21.37	46,043
2014	2,113,869.28	309,872	178,256	1,935,613	21.54	89,861
2015	404,520.19	48,227	27,743	376,777	21.72	17,347

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AMEREN MISSOURI

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RUSH ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 40-L0						
PROBABLE RETIREMENT YEAR.. 9-2045						
NET SALVAGE PERCENT.. 0						
2016	484,637.29	43,307	24,913	459,725	21.91	20,982
2017	1,132,284.34	64,223	36,945	1,095,340	22.12	49,518
2018	664,373.96	13,394	7,705	656,669	22.36	29,368
	14,402,183.03	3,886,334	2,235,645	12,166,538		596,783
	56,358,295.82	22,261,407	13,409,379	42,948,916		3,891,079
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						11.0 6.90



AMEREN MISSOURI

ACCOUNT 316.21 MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MERAMEC						
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
1999	1,487.75	1,451	1,362	126	0.50	126
2000	20,855.33	19,291	18,106	2,750	1.50	1,833
2001	47,546.50	41,603	39,046	8,500	2.50	3,400
2002	10,850.34	8,952	8,402	2,448	3.50	699
2003	1,625.29	1,260	1,183	443	4.50	98
2004	611.53	443	416	196	5.50	36
2005	1,219.78	823	772	447	6.50	69
2006	6,877.38	4,298	4,034	2,844	7.50	379
2007	36,794.46	21,157	19,857	16,938	8.50	1,993
2008	86,552.81	45,440	42,648	43,905	9.50	4,622
2009	64,123.25	30,459	28,587	35,536	10.50	3,384
2010	30,552.33	12,985	12,187	18,365	11.50	1,597
2011	27,361.25	10,260	9,629	17,732	12.50	1,419
2012	104,406.99	33,932	31,847	72,560	13.50	5,375
2013	542.40	149	140	403	14.50	28
2014	11,299.43	2,542	2,386	8,914	15.50	575
2017	5,399.94	405	380	5,020	18.50	271
2018	20,851.41	521	489	20,362	19.50	1,044
	478,958.17	235,971	221,470	257,488		26,948

SIOUX  
SURVIVOR CURVE.. 20-SQUARE  
NET SALVAGE PERCENT.. 0

1999	549.90	536	490	60	0.50	60
2000	10,843.61	10,030	9,162	1,682	1.50	1,121
2001	18,851.42	16,495	15,067	3,784	2.50	1,514
2002	794.82	656	599	196	3.50	56
2005	95,929.12	64,752	59,148	36,781	6.50	5,659
2008	22,370.48	11,745	10,729	11,642	9.50	1,225
2009	10,176.71	4,834	4,416	5,761	10.50	549
2010	81,027.90	34,437	31,457	49,571	11.50	4,311
2011	13,073.74	4,903	4,479	8,595	12.50	688
2012	81,099.30	26,357	24,076	57,023	13.50	4,224
2013	7,533.99	2,072	1,893	5,641	14.50	389
2014	22,486.93	5,060	4,622	17,865	15.50	1,153
2015	35,912.16	6,285	5,741	30,171	16.50	1,829

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AMEREN MISSOURI

ACCOUNT 316.21 MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SIOUX						
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2016	558,349.53	69,794	63,754	494,596	17.50	28,263
2017	99,421.29	7,457	6,812	92,610	18.50	5,006
2018	95,080.68	2,377	2,171	92,909	19.50	4,765
	1,153,501.58	267,790	244,615	908,887		60,812

LABADIE  
SURVIVOR CURVE.. 20-SQUARE  
NET SALVAGE PERCENT.. 0

1999	24,561.66	23,948	22,281	2,280	0.50	2,280
2000	5,955.22	5,509	5,126	830	1.50	553
2001	16,569.47	14,498	13,489	3,080	2.50	1,232
2002	7,991.19	6,593	6,134	1,857	3.50	531
2003	6,679.27	5,176	4,816	1,863	4.50	414
2004	23,427.11	16,985	15,803	7,624	5.50	1,386
2005	1,720.41	1,161	1,080	640	6.50	98
2006	11,320.11	7,075	6,583	4,737	7.50	632
2007	11,126.18	6,398	5,953	5,173	8.50	609
2008	28,610.87	15,021	13,976	14,635	9.50	1,541
2009	53,246.99	25,292	23,532	29,715	10.50	2,830
2010	19,681.87	8,365	7,783	11,899	11.50	1,035
2011	19,627.55	7,360	6,848	12,780	12.50	1,022
2012	295,477.61	96,030	89,347	206,130	13.50	15,269
2013	9,961.59	2,739	2,548	7,413	14.50	511
2014	11,487.07	2,585	2,405	9,082	15.50	586
2015	25,964.70	4,544	4,228	21,737	16.50	1,317
2016	24,476.87	3,060	2,847	21,630	17.50	1,236
2017	55,368.74	4,153	3,864	51,505	18.50	2,784
2018	32,227.53	806	750	31,478	19.50	1,614
	685,482.01	257,298	239,393	446,089		37,480

RUSH ISLAND  
SURVIVOR CURVE.. 20-SQUARE  
NET SALVAGE PERCENT.. 0

1999	730.43	712	668	62	0.50	62
2000	4,004.86	3,704	3,477	528	1.50	352
2001	3,780.44	3,308	3,105	675	2.50	270
2002	113,342.09	93,507	87,780	25,562	3.50	7,303

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 316.21 MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RUSH ISLAND						
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2003	67,109.24	52,010	48,825	18,285	4.50	4,063
2004	45,640.84	33,090	31,063	14,578	5.50	2,651
2005	1,360.60	918	862	499	6.50	77
2008	41,836.40	21,964	20,619	21,218	9.50	2,233
2009	25,589.66	12,155	11,411	14,179	10.50	1,350
2010	58,220.62	24,744	23,228	34,992	11.50	3,043
2011	37,456.20	14,046	13,186	24,270	12.50	1,942
2012	16,691.75	5,425	5,093	11,599	13.50	859
2013	8,634.92	2,375	2,230	6,405	14.50	442
2014	17,928.60	4,034	3,787	14,142	15.50	912
2015	7,413.22	1,297	1,218	6,196	16.50	376
2017	1,165.93	87	82	1,084	18.50	59
2018	97,508.79	2,438	2,289	95,220	19.50	4,883
	548,414.59	275,814	258,921	289,494		30,877
	2,866,356.35	1,036,873	964,399	1,901,958		156,117
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 12.2						5.45



AMEREN MISSOURI

ACCOUNT 316.22 MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MERAMEC						
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	5,682.11	5,493	4,940	742	0.50	742
2005	28,000.04	25,200	22,661	5,339	1.50	3,559
2006	38,458.04	32,048	28,820	9,638	2.50	3,855
2007	6,086.48	4,666	4,196	1,891	3.50	540
2008	31,209.57	21,847	19,646	11,563	4.50	2,570
2009	36,275.06	22,974	20,660	15,615	5.50	2,839
2010	78,434.82	44,447	39,970	38,465	6.50	5,918
2011	33,372.27	16,686	15,005	18,367	7.50	2,449
2012	23,289.12	10,092	9,075	14,214	8.50	1,672
2013	17,158.93	6,292	5,658	11,501	9.50	1,211
2014	8,805.08	2,642	2,376	6,429	10.50	612
2015	8,547.78	1,994	1,793	6,755	11.50	587
2016	11,869.85	1,978	1,779	10,091	12.50	807
2018	21,924.56	731	657	21,267	14.50	1,467
	349,113.71	197,090	177,236	171,878		28,828
SIOUX						
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	31,975.58	30,910	31,976			
2005	25,415.98	22,874	25,416			
2006	27,389.76	22,825	27,390			
2007	3,611.67	2,769	3,612			
2009	31,146.45	19,726	31,146			
2010	167,279.09	94,792	164,172	3,107	6.50	478
2011	26,144.70	13,072	22,640	3,505	7.50	467
2012	11,122.86	4,820	8,348	2,775	8.50	326
2013	3,102.83	1,138	1,971	1,132	9.50	119
2014	28,549.49	8,565	14,834	13,716	10.50	1,306
2015	10,467.85	2,442	4,229	6,238	11.50	542
2016	12,415.56	2,069	3,583	8,832	12.50	707
2017	15,313.10	1,531	2,652	12,662	13.50	938
2018	10,216.84	341	591	9,626	14.50	664
	404,151.76	227,874	342,559	61,593		5,547

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 316.22 MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LABADIE						
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	21,186.88	20,481	20,190	996	0.50	996
2005	54,050.91	48,646	47,956	6,095	1.50	4,063
2006	13,629.30	11,358	11,197	2,432	2.50	973
2007	39,895.04	30,586	30,152	9,743	3.50	2,784
2008	2,513.03	1,759	1,734	779	4.50	173
2009	30,754.69	19,478	19,202	11,553	5.50	2,101
2010	30,033.46	17,019	16,778	13,256	6.50	2,039
2011	64,103.13	32,052	31,597	32,506	7.50	4,334
2012	29,680.59	12,861	12,679	17,002	8.50	2,000
2013	2,761.34	1,013	999	1,763	9.50	186
2014	16,254.75	4,876	4,807	11,448	10.50	1,090
2015	10,049.90	2,345	2,312	7,738	11.50	673
2016	84,493.45	14,083	13,883	70,610	12.50	5,649
2017	22,254.53	2,225	2,193	20,061	13.50	1,486
2018	52,686.83	1,756	1,731	50,956	14.50	3,514
	474,347.83	220,538	217,409	256,939		32,061
RUSH ISLAND						
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	18,759.75	18,134	18,760			
2005	7,899.70	7,110	7,900			
2006	13,255.06	11,046	13,255			
2007	7,274.56	5,577	7,275			
2008	6,890.59	4,823	6,891			
2009	5,243.33	3,321	5,079	164	5.50	30
2010	122,761.85	69,565	106,387	16,375	6.50	2,519
2011	8,784.86	4,392	6,717	2,068	7.50	276
2012	59,605.47	25,829	39,501	20,105	8.50	2,365
2013	24,879.02	9,122	13,950	10,929	9.50	1,150
2014	35,860.88	10,758	16,452	19,408	10.50	1,848
2015	15,228.25	3,553	5,434	9,795	11.50	852

AMEREN MISSOURI

ACCOUNT 316.22 MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RUSH ISLAND						
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2016	76,074.85	12,679	19,390	56,685	12.50	4,535
2017	17,778.41	1,778	2,719	15,059	13.50	1,115
2018	51,475.69	1,716	2,624	48,851	14.50	3,369
	471,772.27	189,403	272,333	199,439		18,059
	1,699,385.57	834,905	1,009,537	689,849		84,495
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						8.2 4.97



AMEREN MISSOURI

ACCOUNT 316.23 MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MERAMEC						
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	60,683.32	54,615	10,507	50,176	0.50	50,176
2016	34,364.87	17,182	3,306	31,059	2.50	12,424
2017	121,034.33	36,310	6,985	114,049	3.50	32,585
2018	44,845.28	4,485	863	43,982	4.50	9,774
	260,927.80	112,592	21,661	239,267		104,959
SIOUX						
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	249,640.08	224,676	212,648	36,992	0.50	36,992
2015	1,815.10	1,271	1,203	612	1.50	408
2016	111,218.06	55,609	52,632	58,586	2.50	23,434
2017	44,726.07	13,418	12,700	32,026	3.50	9,150
2018	98,084.49	9,808	9,283	88,802	4.50	19,734
	505,483.80	304,782	288,466	217,018		89,718
LABADIE						
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	113,154.03	101,839	60,673	52,481	0.50	52,481
2015	75,955.43	53,169	31,677	44,279	1.50	29,519
2016	51,744.27	25,872	15,414	36,330	2.50	14,532
2017	1,118,968.41	335,691	199,997	918,971	3.50	262,563
2018	194,482.01	19,448	11,587	182,895	4.50	40,643
	1,554,304.15	536,019	319,348	1,234,956		399,738
RUSH ISLAND						
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	71,865.85	64,679	51,799	20,067	0.50	20,067
2015	8,757.05	6,130	4,909	3,848	1.50	2,565

AMEREN MISSOURI

ACCOUNT 316.23 MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RUSH ISLAND						
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2016	84,567.09	42,284	33,864	50,703	2.50	20,281
2017	127,432.58	38,230	30,617	96,816	3.50	27,662
2018	1,012,539.40	101,254	81,090	931,449	4.50	206,989
	1,305,161.97	252,577	202,279	1,102,883		277,564
	3,625,877.72	1,205,970	831,754	2,794,124		871,979
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						3.2 24.05

AMEREN MISSOURI

ACCOUNT 321 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIM SURVIVOR CURVE.. IOWA 90-R2						
PROBABLE RETIREMENT YEAR.. 10-2044						
NET SALVAGE PERCENT.. -1						
1985	808,559,217.59	457,214,930	557,665,446	258,979,364	24.37	10,626,974
1986	3,596,216.91	2,006,852	2,447,759	1,184,420	24.41	48,522
1987	2,169,267.97	1,193,964	1,456,279	734,682	24.45	30,048
1988	966,991.35	524,330	639,526	337,135	24.50	13,761
1989	647,569.44	345,741	421,701	232,344	24.54	9,468
1990	6,405,571.18	3,364,918	4,104,193	2,365,434	24.58	96,234
1991	689,658.88	356,156	434,404	262,151	24.62	10,648
1992	804,820.43	408,076	497,731	315,138	24.66	12,779
1993	3,081,985.44	1,533,368	1,870,250	1,242,555	24.69	50,326
1994	438,462.09	213,736	260,694	182,153	24.73	7,366
1995	1,341,697.53	640,170	780,816	574,299	24.76	23,195
1996	783,718.93	365,359	445,629	345,927	24.80	13,949
1997	500,235.54	227,569	277,566	227,672	24.83	9,169
1998	2,137,799.95	947,512	1,155,681	1,003,497	24.86	40,366
1999	817,533.22	352,272	429,666	396,043	24.89	15,912
2000	238,371.26	99,653	121,547	119,208	24.92	4,784
2001	537,965.36	217,626	265,439	277,906	24.95	11,139
2002	2,356,198.67	919,873	1,121,970	1,257,791	24.98	50,352
2003	3,246,355.61	1,219,458	1,487,374	1,791,445	25.01	71,629
2004	21,606,328.55	7,778,810	9,487,821	12,334,571	25.04	492,595
2005	8,704,880.31	2,993,916	3,651,682	5,140,247	25.06	205,118
2006	3,963,422.54	1,294,388	1,578,766	2,424,291	25.09	96,624
2007	17,322,674.41	5,346,572	6,521,218	10,974,683	25.11	437,064
2008	2,690,452.38	778,822	949,930	1,767,427	25.14	70,303
2009	8,873,625.51	2,390,172	2,915,295	6,047,067	25.16	240,344
2010	4,241,558.65	1,052,401	1,283,614	3,000,360	25.18	119,156
2011	2,184,140.57	492,860	601,142	1,604,840	25.20	63,684
2012	1,692,542.67	340,697	415,548	1,293,920	25.23	51,285
2013	6,305,754.80	1,108,364	1,351,873	5,016,939	25.25	198,691
2014	14,237,438.89	2,115,990	2,580,875	11,798,938	25.27	466,915
2015	8,133,451.68	970,988	1,184,315	7,030,471	25.29	277,994
2016	18,142,304.88	1,599,112	1,950,438	16,373,290	25.31	646,910
2017	5,670,935.68	312,271	380,877	5,346,768	25.32	211,168
2018	3,416,677.87	65,463	79,845	3,371,000	25.34	133,031
	966,505,826.74	500,792,389	610,816,910	365,353,975		14,857,503
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						24.6 1.54



AMEREN MISSOURI

ACCOUNT 322 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 10-2044						
NET SALVAGE PERCENT.. -6						
1985	640,799,198.06	391,028,999	384,635,284	294,611,866	19.09	15,432,785
1986	2,725,045.06	1,641,359	1,614,521	1,274,027	19.27	66,115
1987	1,284,934.41	763,350	750,868	611,162	19.45	31,422
1988	1,504,524.50	881,029	866,623	728,173	19.63	37,095
1989	968,136.82	558,451	549,320	476,905	19.81	24,074
1990	5,269,939.54	2,992,325	2,943,398	2,642,738	19.98	132,269
1991	3,422,240.76	1,910,462	1,879,224	1,748,351	20.16	86,724
1992	3,574,315.02	1,960,918	1,928,855	1,859,919	20.33	91,486
1993	364,710.86	196,405	193,194	193,400	20.50	9,434
1994	7,659,521.88	4,043,796	3,977,676	4,141,417	20.67	200,359
1995	4,035,796.40	2,087,423	2,053,292	2,224,652	20.83	106,800
1996	3,007,931.94	1,521,158	1,496,286	1,692,122	21.00	80,577
1997	345,338.07	170,514	167,726	198,332	21.17	9,369
1998	4,022,973.18	1,936,868	1,905,198	2,359,154	21.33	110,603
1999	1,454,979.89	681,625	670,480	871,799	21.49	40,568
2000	9,632,014.19	4,379,552	4,307,942	5,901,993	21.66	272,484
2001	2,500.09	1,101	1,083	1,567	21.82	72
2002	659,702.68	280,588	276,000	423,285	21.98	19,258
2003	11,465,804.05	4,697,790	4,620,976	7,532,776	22.14	340,234
2004	5,119,005.69	2,011,852	1,978,956	3,447,190	22.30	154,583
2005	163,515,526.59	61,445,963	60,441,260	112,885,198	22.45	5,028,294
2006	402,665.29	143,900	141,547	285,278	22.61	12,617
2007	27,206,040.79	9,189,934	9,039,669	19,798,734	22.77	869,510
2008	58,505,205.80	18,561,245	18,257,750	43,757,768	22.92	1,909,152
2009	2,927,462.15	865,271	851,123	2,251,987	23.07	97,615
2010	3,650,082.68	993,891	977,640	2,891,448	23.23	124,470
2011	9,653,148.29	2,391,195	2,352,097	7,880,240	23.38	337,050
2012	954,271.45	211,490	208,032	803,496	23.53	34,148
2013	46,862,595.55	9,084,445	8,935,905	40,738,446	23.68	1,720,374
2014	168,591,392.33	27,638,805	27,186,883	151,519,993	23.83	6,358,372
2015	9,320,078.56	1,229,971	1,209,860	8,669,423	23.98	361,527
2016	42,168,469.49	4,136,853	4,069,211	40,629,367	24.12	1,684,468
2017	65,406,937.60	3,985,166	3,920,004	65,411,350	24.27	2,695,152
2018	2,135,175.83	45,402	44,660	2,218,626	24.42	90,853
	1,308,617,665.49	563,669,096	554,452,543	832,682,182		38,569,913
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						21.6 2.95

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 323 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIM SURVIVOR CURVE.. IOWA 50-S1						
PROBABLE RETIREMENT YEAR.. 10-2044						
NET SALVAGE PERCENT.. -4						
1985	326,622,407.20	201,767,465	200,276,574	139,410,729	18.62	7,487,150
1986	564,218.73	343,928	341,387	245,400	18.84	13,025
1987	513,454.94	308,739	306,458	227,535	19.05	11,944
1988	494,105.14	292,736	290,573	223,296	19.27	11,588
1989	129,275.80	75,403	74,846	59,601	19.49	3,058
1990	31,339.16	17,990	17,857	14,736	19.70	748
1992	5,148,951.16	2,854,541	2,833,448	2,521,461	20.12	125,321
1993	653,437.36	355,411	352,785	326,790	20.33	16,074
1994	976,255.52	520,425	516,579	498,727	20.54	24,281
1995	1,947,279.85	1,015,988	1,008,481	1,016,690	20.75	48,997
1996	2,190,252.96	1,117,337	1,109,081	1,168,782	20.95	55,789
1997	181,976.26	90,570	89,901	99,354	21.16	4,695
1998	1,325,591.92	642,807	638,057	740,559	21.36	34,670
1999	80,922.01	38,153	37,871	46,288	21.56	2,147
2000	4,597,350.85	2,103,270	2,087,729	2,693,516	21.76	123,783
2001	4,370,973.09	1,935,289	1,920,989	2,624,823	21.96	119,527
2002	3,031,021.01	1,295,769	1,286,194	1,866,068	22.15	84,247
2003	794,882.56	326,777	324,362	502,316	22.35	22,475
2004	31,513,422.92	12,423,297	12,331,499	20,442,461	22.54	906,941
2005	57,848,040.89	21,771,411	21,610,539	38,551,424	22.73	1,696,059
2006	144,669.77	51,703	51,321	99,136	22.92	4,325
2007	4,162,983.84	1,404,794	1,394,414	2,935,089	23.11	127,005
2008	15,683,369.06	4,964,326	4,927,644	11,383,060	23.29	488,753
2009	638,919.39	188,140	186,750	477,726	23.47	20,355
2010	5,852,706.67	1,585,494	1,573,778	4,513,037	23.65	190,826
2011	3,088,328.14	758,706	753,100	2,458,761	23.83	103,179
2012	743,839.36	163,066	161,861	611,732	24.00	25,489
2013	26,824,363.28	5,134,784	5,096,842	22,800,496	24.16	943,729
2014	1,841,688.44	297,378	295,181	1,620,175	24.32	66,619
2015	1,168,475.65	151,683	150,562	1,064,653	24.47	43,509
2016	10,759,594.35	1,027,799	1,020,204	10,169,774	24.62	413,070
2017	28,445,594.20	1,689,805	1,677,319	27,906,099	24.76	1,127,064
2018	4,813,316.87	98,565	97,837	4,908,013	24.89	197,188
	547,183,008.35	266,813,549	264,842,023	304,228,306		14,543,630

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 20.9 2.66



AMEREN MISSOURI

ACCOUNT 324 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIM SURVIVOR CURVE.. IOWA 75-R2						
PROBABLE RETIREMENT YEAR.. 10-2044						
NET SALVAGE PERCENT.. -1						
1985	190,984,070.61	108,406,378	125,058,218	67,835,693	23.56	2,879,274
1986	43,428.58	24,317	28,052	15,811	23.64	669
1987	119,803.54	66,133	76,291	44,711	23.72	1,885
1988	78,758.30	42,843	49,424	30,122	23.79	1,266
1989	282,359.78	151,181	174,403	110,780	23.87	4,641
1990	19,060.05	10,039	11,581	7,670	23.94	320
1992	1,229,642.07	625,068	721,082	520,856	24.07	21,639
1994	837,290.06	408,937	471,752	373,911	24.20	15,451
1995	1,006,411.19	480,976	554,857	461,618	24.26	19,028
1996	14,745.25	6,885	7,943	6,950	24.32	286
1998	2,095.03	930	1,073	1,043	24.43	43
2000	768,964.39	321,861	371,301	405,353	24.53	16,525
2001	237,962.90	96,361	111,163	129,180	24.58	5,255
2002	34,071.01	13,313	15,358	19,054	24.63	774
2003	1,786,321.89	671,626	774,792	1,029,393	24.67	41,727
2004	916,295.45	330,157	380,871	544,587	24.72	22,030
2005	670,954.79	230,819	266,274	411,390	24.76	16,615
2007	124,787.06	38,536	44,455	81,580	24.84	3,284
2009	135,271.46	36,428	42,024	94,600	24.92	3,796
2010	4,785,551.24	1,187,906	1,370,375	3,463,032	24.95	138,799
2011	18,732,966.85	4,222,821	4,871,470	14,048,827	24.99	562,178
2012	141,969.62	28,623	33,020	110,369	25.02	4,411
2013	3,591,340.57	632,448	729,595	2,897,659	25.05	115,675
2014	12,225,608.01	1,821,557	2,101,358	10,246,506	25.08	408,553
2015	1,034,015.20	123,902	142,934	901,421	25.11	35,899
2016	21,923,675.03	1,944,369	2,243,035	19,899,877	25.14	791,562
2017	13,514,438.40	743,493	857,698	12,791,885	25.17	508,220
2018	1,236,751.57	23,346	26,932	1,222,187	25.20	48,499
	276,478,609.90	122,691,253	141,537,331	137,706,065		5,668,304

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 24.3 2.05

Schedule JJS-D2



AMEREN MISSOURI

ACCOUNT 325 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIM SURVIVOR CURVE.. IOWA 35-L0.5						
PROBABLE RETIREMENT YEAR.. 10-2044						
NET SALVAGE PERCENT.. 0						
1985	51,613,701.32	27,893,076	12,563,900	39,049,801	15.35	2,543,961
1986	1,758,571.77	938,743	422,839	1,335,733	15.51	86,121
1987	1,830,107.82	965,052	434,689	1,395,419	15.66	89,107
1988	2,642,306.89	1,374,449	619,094	2,023,213	15.82	127,890
1989	346,985.58	177,986	80,170	266,816	15.98	16,697
1990	1,462,115.85	739,567	333,124	1,128,992	16.13	69,993
1991	1,355,485.13	675,032	304,055	1,051,430	16.29	64,545
1992	2,449,463.54	1,201,192	541,054	1,908,410	16.44	116,083
1993	522,049.79	251,659	113,355	408,695	16.60	24,620
1994	1,699,741.44	805,287	362,726	1,337,015	16.75	79,822
1995	4,042,963.12	1,880,746	847,146	3,195,817	16.90	189,102
1996	679,975.66	310,062	139,661	540,315	17.06	31,671
1997	493,928.12	220,687	99,404	394,524	17.21	22,924
1998	1,532,354.72	669,777	301,688	1,230,667	17.36	70,891
1999	373,905.04	159,545	71,864	302,041	17.52	17,240
2000	1,925,251.23	801,020	360,804	1,564,447	17.67	88,537
2001	2,519,135.50	1,019,419	459,178	2,059,958	17.83	115,533
2002	244,530.87	96,013	43,247	201,284	17.99	11,189
2003	1,139,451.99	432,741	194,920	944,532	18.16	52,012
2004	5,789,053.28	2,119,141	954,526	4,834,527	18.34	263,606
2005	8,497,868.22	2,984,366	1,344,250	7,153,618	18.53	386,056
2006	1,535,195.54	514,997	231,971	1,303,225	18.72	69,617
2007	1,895,081.68	603,470	271,821	1,623,261	18.92	85,796
2008	1,143,886.27	343,498	154,722	989,164	19.13	51,707
2009	2,770,267.40	777,531	350,224	2,420,043	19.35	125,067
2010	3,972,534.57	1,031,826	464,766	3,507,769	19.58	179,151
2011	5,777,497.82	1,369,903	617,047	5,160,451	19.82	260,366
2012	3,093,780.49	659,037	296,851	2,796,929	20.06	139,428
2013	2,200,754.14	411,431	185,321	2,015,433	20.31	99,234
2014	7,887,195.29	1,251,619	563,768	7,323,427	20.57	356,025
2015	4,917,587.53	631,664	284,521	4,633,067	20.83	222,423
2016	12,229,738.53	1,168,429	526,296	11,703,443	21.11	554,403
2017	2,785,971.42	167,688	75,532	2,710,439	21.39	126,715
2018	2,074,097.59	43,992	19,815	2,054,283	21.69	94,711
	145,202,535.15	54,690,645	24,634,349	120,568,186		6,832,243
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						17.6 4.71

AMEREN MISSOURI

ACCOUNT 325.21 MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 20-SQUARE NET SALVAGE PERCENT.. 0						
1999	44,598.00	43,483	41,182	3,416	0.50	3,416
2000	16,251.97	15,033	14,238	2,014	1.50	1,343
2001	231,774.45	202,803	192,072	39,702	2.50	15,881
2002	233,555.46	192,683	182,488	51,067	3.50	14,591
2003	532,784.38	412,908	391,060	141,724	4.50	31,494
2004	405,090.19	293,690	278,151	126,939	5.50	23,080
2005	434,950.39	293,592	278,058	156,892	6.50	24,137
2006	748,165.32	467,603	442,861	305,304	7.50	40,707
2007	310,191.09	178,360	168,923	141,268	8.50	16,620
2008	145,618.60	76,450	72,405	73,214	9.50	7,707
2009	474,855.47	225,556	213,621	261,234	10.50	24,879
2010	354,653.48	150,728	142,753	211,900	11.50	18,426
2011	436,292.36	163,610	154,953	281,339	12.50	22,507
2012	207,264.95	67,361	63,797	143,468	13.50	10,627
2013	413,428.71	113,693	107,677	305,752	14.50	21,086
2014	461,996.13	103,949	98,449	363,547	15.50	23,455
2015	488,852.80	85,549	81,023	407,830	16.50	24,717
2016	203,814.38	25,477	24,129	179,685	17.50	10,268
2017	1,529,692.78	114,727	108,656	1,421,037	18.50	76,813
2018	110,583.08	2,765	2,619	107,964	19.50	5,537
	7,784,413.99	3,230,020	3,059,115	4,725,299		417,291
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						11.3 5.36

AMEREN MISSOURI

ACCOUNT 325.22 MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	426,822.08	412,596	383,332	43,490	0.50	43,490
2005	121,675.34	109,508	101,741	19,934	1.50	13,289
2006	148,202.18	123,501	114,742	33,460	2.50	13,384
2007	54,623.61	41,878	38,908	15,716	3.50	4,490
2008	172,108.26	120,476	111,931	60,177	4.50	13,373
2009	845,411.90	535,425	497,450	347,962	5.50	63,266
2010	209,312.30	118,611	110,198	99,114	6.50	15,248
2011	283,440.91	141,720	131,669	151,772	7.50	20,236
2012	456,780.90	197,937	183,898	272,883	8.50	32,104
2013	578,365.97	212,069	197,028	381,338	9.50	40,141
2014	131,467.12	39,440	36,643	94,824	10.50	9,031
2015	197,629.37	46,113	42,842	154,787	11.50	13,460
2016	275,633.77	45,940	42,682	232,952	12.50	18,636
2017	178,272.30	17,827	16,562	161,710	13.50	11,979
2018	295,028.28	9,833	9,136	285,892	14.50	19,717
	4,374,774.29	2,172,874	2,018,762	2,356,012		331,844

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 7.1 7.59



AMEREN MISSOURI

ACCOUNT 325.23 MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	744,754.19	670,279	541,535	203,219	0.50	203,219
2015	548,412.37	383,889	310,154	238,258	1.50	158,839
2016	1,224,166.89	612,083	494,517	729,650	2.50	291,860
2017	2,493,254.65	747,976	604,309	1,888,946	3.50	539,699
2018	1,744,929.29	174,493	140,977	1,603,952	4.50	356,434
	6,755,517.39	2,588,720	2,091,492	4,664,025		1,550,051
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						3.0 22.94

AMEREN MISSOURI

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OSAGE						
INTERIM SURVIVOR CURVE.. IOWA 125-R1						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -2						
1929	5,096.80	3,821	1,904	3,295	25.68	128
1930	265,136.83	198,211	98,771	171,668	25.72	6,674
1931	1,058,440.51	789,065	393,201	686,408	25.76	26,646
1932	22,471.65	16,705	8,324	14,597	25.80	566
1935	1,766.86	1,302	649	1,153	25.91	45
1937	2,738.82	2,006	1,000	1,794	25.99	69
1944	80,471.90	57,532	28,669	53,412	26.23	2,036
1945	2,954.28	2,104	1,048	1,965	26.26	75
1951	65,992.79	45,875	22,860	44,453	26.44	1,681
1952	194,867.60	134,860	67,202	131,562	26.47	4,970
1953	222,435.00	153,237	76,360	150,524	26.50	5,680
1954	5,466.99	3,749	1,868	3,708	26.53	140
1955	5,113.59	3,490	1,739	3,477	26.55	131
1956	11,583.73	7,867	3,920	7,895	26.58	297
1958	7,412.13	4,983	2,483	5,077	26.63	191
1959	734.13	491	245	504	26.66	19
1963	547.70	358	178	380	26.75	14
1965	6,971.00	4,499	2,242	4,869	26.80	182
1966	5,162.06	3,309	1,649	3,616	26.82	135
1974	40,279.46	24,298	12,108	28,977	26.98	1,074
1981	26,030.70	14,644	7,297	19,254	27.10	710
1990	63,814.10	31,624	15,759	49,332	27.23	1,812
1991	28,619.42	13,932	6,942	22,249	27.24	817
1992	6,753.55	3,225	1,607	5,282	27.26	194
1993	118,631.88	55,546	27,679	93,325	27.27	3,422
1994	256,787.11	117,721	58,662	203,261	27.28	7,451
1996	67,000.00	29,311	14,606	53,734	27.31	1,968
1998	58,009.90	24,084	12,001	47,169	27.33	1,726
2000	139,027.09	54,305	27,061	114,747	27.36	4,194
2001	71,135.47	26,863	13,386	59,172	27.37	2,162
2002	94,460.21	34,379	17,132	79,218	27.38	2,893
2003	14,260.35	4,986	2,485	12,061	27.40	440
2004	31,381.78	10,505	5,235	26,775	27.41	977
2006	30,674.75	9,288	4,628	26,660	27.43	972
2007	391,232.71	111,728	55,676	343,382	27.44	12,514
2008	417,320.52	111,538	55,581	370,086	27.46	13,477
2009	88,769.24	22,044	10,985	79,560	27.47	2,896
2010	224,785.85	51,297	25,562	203,720	27.48	7,413
2011	67,670.50	14,009	6,981	62,043	27.49	2,257
2012	88,984.55	16,434	8,189	82,575	27.50	3,003
2013	47,343.85	7,615	3,795	44,496	27.51	1,617

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AMEREN MISSOURI

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OSAGE						
INTERIM SURVIVOR CURVE.. IOWA 125-R1						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -2						
2014	166,095.62	22,472	11,198	158,219	27.53	5,747
2015	420,464.12	45,641	22,744	406,130	27.54	14,747
2016	1,228,332.57	98,478	49,073	1,203,826	27.55	43,696
2017	1,115,089.19	55,357	27,585	1,109,806	27.56	40,269
2018	1,681,661.83	28,748	14,326	1,700,970	27.57	61,696
	8,949,980.69	2,473,536	1,232,595	7,896,385		289,823

TAUM SAUK  
INTERIM SURVIVOR CURVE.. IOWA 125-R1  
PROBABLE RETIREMENT YEAR.. 6-2089  
NET SALVAGE PERCENT.. -5

1963	3,949,795.64	1,761,062	2,168,805	1,978,480	58.25	33,965
1964	29,082.25	12,830	15,801	14,736	58.40	252
1965	35,859.13	15,649	19,272	18,380	58.55	314
1968	3,188.30	1,344	1,655	1,693	59.00	29
1974	299.73	117	144	171	59.82	3
1982	764.82	262	323	480	60.81	8
1983	167.10	56	69	106	60.92	2
1985	203,398.97	65,775	81,004	132,565	61.14	2,168
1986	60,845.13	19,268	23,729	40,158	61.25	656
1991	3,406.25	959	1,181	2,396	61.76	39
1993	2,937.36	782	963	2,121	61.96	34
1994	29,498.41	7,626	9,392	21,582	62.06	348
1995	4,088.92	1,025	1,262	3,031	62.15	49
2002	407,369.09	77,455	95,388	332,349	62.77	5,295
2003	8,098.01	1,463	1,802	6,701	62.86	107
2004	11,917.79	2,039	2,511	10,003	62.94	159
2005	167,448.97	26,994	33,244	142,577	63.02	2,262
2007	6,161.49	866	1,067	5,403	63.19	86
2008	338,047.33	43,950	54,126	300,824	63.26	4,755
2009	2,525,857.57	301,046	370,748	2,281,402	63.34	36,018
2010	9,407,463.32	1,015,837	1,251,036	8,626,800	63.42	136,026
2011	82,444.39	7,949	9,789	76,777	63.50	1,209
2012	115,243.41	9,764	12,025	108,981	63.57	1,714
2013	237,127.27	17,222	21,209	227,774	63.65	3,579
2014	79,651.55	4,788	5,897	77,738	63.73	1,220
2015	82,695.84	3,925	4,834	81,997	63.80	1,285



AMEREN MISSOURI

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TAUM SAUK						
INTERIM SURVIVOR CURVE.. IOWA 125-R1						
PROBABLE RETIREMENT YEAR.. 6-2089						
NET SALVAGE PERCENT.. -5						
2016	2,950,925.06	101,351	124,817	2,973,654	63.87	46,558
2017	329,429.32	6,890	8,485	337,416	63.95	5,276
2018	1,136,869.98	7,962	9,805	1,183,908	64.02	18,493
	22,210,082.40	3,516,256	4,330,384	18,990,203		301,909
KEOKUK						
INTERIM SURVIVOR CURVE.. IOWA 125-R1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -3						
1913	1,115,259.78	825,939	723,907	424,811	30.58	13,892
1914	2,301.17	1,700	1,490	880	30.66	29
1915	15,728.12	11,588	10,156	6,043	30.74	197
1917	3,543.61	2,597	2,276	1,374	30.90	44
1918	461.90	338	296	180	30.98	6
1925	2,334.88	1,671	1,465	940	31.50	30
1927	1,416.98	1,008	883	576	31.64	18
1930	65.43	46	40	27	31.84	1
1932	64.58	45	39	27	31.97	1
1935	119.10	82	72	51	32.16	2
1936	90.22	62	54	39	32.22	1
1937	124.22	85	74	53	32.28	2
1938	1,238.85	847	742	534	32.34	17
1939	1,355.17	923	809	587	32.40	18
1940	4,342.13	2,947	2,583	1,889	32.46	58
1941	1,980.90	1,339	1,174	867	32.51	27
1943	2,954.08	1,979	1,735	1,308	32.63	40
1948	11,380.12	7,451	6,531	5,191	32.89	158
1949	8,720.37	5,681	4,979	4,003	32.94	122
1950	10,215.67	6,622	5,804	4,718	32.99	143
1951	6,426.64	4,144	3,632	2,987	33.04	90
1952	24,807.81	15,914	13,948	11,604	33.08	351
1953	35,166.48	22,436	19,664	16,557	33.13	500
1954	31,263.98	19,834	17,384	14,818	33.18	447
1955	29,437.58	18,571	16,277	14,044	33.22	423
1956	16,334.17	10,244	8,979	7,846	33.27	236
1957	18,743.22	11,684	10,241	9,065	33.31	272
1958	45,902.26	28,443	24,929	22,350	33.35	670
1959	5,423.81	3,339	2,927	2,660	33.40	80

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ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOKUK						
INTERIM SURVIVOR CURVE.. IOWA 125-R1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -3						
1960	6,087.26	3,723	3,263	3,007	33.44	90
1961	64,607.30	39,256	34,407	32,139	33.48	960
1962	11,812.28	7,128	6,247	5,919	33.52	177
1963	14,884.51	8,919	7,817	7,514	33.56	224
1964	5,046.51	3,002	2,631	2,567	33.60	76
1965	6,066.94	3,583	3,140	3,109	33.63	92
1966	7,832.62	4,590	4,023	4,045	33.67	120
1967	628.35	365	320	327	33.71	10
1968	811.97	468	410	426	33.74	13
1969	2,486.54	1,422	1,246	1,315	33.78	39
1970	2,343.94	1,329	1,165	1,249	33.81	37
1971	2,615.93	1,470	1,288	1,406	33.84	42
1972	8,837.51	4,918	4,310	4,792	33.88	141
1973	33,242.38	18,326	16,062	18,178	33.91	536
1974	1,864.78	1,018	892	1,028	33.94	30
1976	33,379.07	17,844	15,640	18,741	34.00	551
1977	18,037.37	9,536	8,358	10,221	34.03	300
1978	87,182.20	45,568	39,939	49,859	34.06	1,464
1979	265.52	137	120	153	34.09	4
1980	116,657.85	59,510	52,158	67,999	34.12	1,993
1981	10,500.34	5,290	4,636	6,179	34.14	181
1982	54,175.18	26,924	23,598	32,202	34.17	942
1983	1,737.23	851	746	1,043	34.20	30
1984	83,061.54	40,129	35,172	50,382	34.22	1,472
1985	35,309.31	16,802	14,726	21,642	34.25	632
1986	13,870.82	6,497	5,694	8,593	34.27	251
1987	7,799.29	3,593	3,149	4,884	34.30	142
1988	9,982.49	4,520	3,962	6,320	34.32	184
1989	14,323.25	6,369	5,582	9,171	34.34	267
1990	48,719.65	21,248	18,623	31,558	34.37	918
1991	2,594.48	1,109	972	1,700	34.39	49
1992	327,143.65	136,946	120,028	216,930	34.41	6,304
1993	43,793.30	17,920	15,706	29,401	34.44	854
1994	21,196.35	8,472	7,425	14,407	34.46	418
1995	237,281.39	92,508	81,080	163,320	34.48	4,737
1996	38,442.20	14,594	12,791	26,804	34.50	777
1997	12,963.74	4,785	4,194	9,159	34.52	265
1998	7,750.07	2,776	2,433	5,550	34.54	161
2001	27,889.34	9,004	7,892	20,834	34.61	602
2002	85,375.47	26,479	23,208	64,729	34.63	1,869
2003	74,423.55	22,104	19,373	57,283	34.65	1,653

AMEREN MISSOURI

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOKUK						
INTERIM SURVIVOR CURVE.. IOWA 125-R1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -3						
2004	52,295.46	14,812	12,982	40,882	34.67	1,179
2005	678,125.48	182,503	159,957	538,512	34.69	15,524
2006	31,308.38	7,962	6,978	25,269	34.71	728
2007	576,453.96	137,637	120,634	473,114	34.73	13,623
2008	267,681.15	59,631	52,264	223,447	34.75	6,430
2009	53,720.72	11,064	9,697	45,635	34.77	1,312
2010	111,305.00	20,952	18,364	96,280	34.79	2,767
2011	637,400.13	108,503	95,099	561,423	34.80	16,133
2012	230,351.16	34,775	30,479	206,783	34.82	5,939
2013	13,038.28	1,706	1,495	11,934	34.84	343
2014	1,127,965.19	123,593	108,325	1,053,479	34.86	30,220
2015	70,426.21	6,148	5,389	67,150	34.88	1,925
2017	12,117.19	478	419	12,062	34.92	345
2018	1,965,997.48	26,304	23,055	2,001,923	34.94	57,296
	8,808,412.49	2,444,659	2,142,658	6,930,007		201,246
	39,968,475.58	8,434,451	7,705,637	33,816,595		792,978
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						42.6 1.98



AMEREN MISSOURI

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OSAGE						
INTERIM SURVIVOR CURVE.. IOWA 150-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -1						
1929	283,260.98	216,095	212,252	73,842	26.76	2,759
1930	11,957,472.13	9,097,036	8,935,244	3,141,803	26.80	117,231
1931	1,786,105.61	1,354,977	1,330,879	473,088	26.84	17,626
1936	32,259.85	24,114	23,685	8,897	27.01	329
1951	213,202.69	150,758	148,077	67,258	27.44	2,451
1965	24,066.48	15,791	15,510	8,797	27.74	317
1982	9,402,023.31	5,310,757	5,216,304	4,279,739	28.00	152,848
1990	11,549.84	5,810	5,707	5,959	28.09	212
2002	4,201.44	1,550	1,522	2,721	28.20	96
2005	1,396,476.42	451,807	443,772	966,670	28.22	34,255
2006	340,448.99	104,470	102,612	241,241	28.23	8,546
2007	338,552.71	97,907	96,166	245,773	28.24	8,703
2008	4,393,504.54	1,190,964	1,169,783	3,267,657	28.24	115,710
2009	993,584.89	249,947	245,502	758,019	28.25	26,833
2010	476,445.57	110,159	108,200	373,010	28.26	13,199
2014	466,144.56	64,011	62,873	407,933	28.28	14,425
2016	528,040.30	42,986	42,221	491,099	28.29	17,359
2018	53,782,812.18	943,006	926,234	53,394,406	28.30	1,886,728
	86,430,152.49	19,432,145	19,086,541	68,207,913		2,419,627

TAUM SAUK  
INTERIM SURVIVOR CURVE.. IOWA 150-R2.5  
PROBABLE RETIREMENT YEAR.. 6-2089  
NET SALVAGE PERCENT., -3

1963	6,134,559.28	2,830,984	5,229,102-	11,547,698	63.63	181,482
1964	410,670.09	187,516	346,360-	769,350	63.78	12,063
1965	4,242.26	1,916	3,539-	7,909	63.93	124
1966	3,214.15	1,435	2,651-	5,961	64.07	93
1982	22,085.47	7,834	14,470-	37,218	66.02	564
1987	329,525.18	105,676	195,194-	534,605	66.51	8,038
1989	174,968.01	53,571	98,951-	279,168	66.69	4,186
1994	18,874.75	5,045	9,319-	28,760	67.12	428
1995	3,224.71	835	1,542-	4,864	67.20	72
1996	2,446.65	613	1,132-	3,652	67.28	54
2003	19,271.38	3,593	6,637-	26,486	67.78	391
2004	863,278.21	152,271	281,259-	1,170,436	67.85	17,250
2008	100,081.99	13,406	24,762-	127,847	68.10	1,877
2009	744,788.21	91,404	168,832-	935,964	68.16	13,732

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AMEREN MISSOURI

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TAUM SAUK						
INTERIM SURVIVOR CURVE.. IOWA 150-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2089						
NET SALVAGE PERCENT.. -3						
2010	363,417.08	40,385	74,595-	448,915	68.22	6,580
2011	112,489.42	11,164	20,621-	136,485	68.28	1,999
2012	960,102.92	83,721	154,641-	1,143,547	68.33	16,736
2018	4,577.21	33	61-	4,775	68.64	70
	10,271,816.97	3,591,402	6,633,668-	17,213,639		265,739

KEOKUK  
INTERIM SURVIVOR CURVE.. IOWA 150-R2.5  
PROBABLE RETIREMENT YEAR.. 6-2055  
NET SALVAGE PERCENT.. -1

1913	4,018,842.12	3,020,568	3,160,019	899,012	32.21	27,911
1914	94,270.91	70,660	73,922	21,291	32.31	659
1916	14,489.69	10,802	11,301	3,334	32.49	103
1917	4,473.24	3,326	3,480	1,038	32.57	32
1918	4,913.98	3,643	3,811	1,152	32.66	35
1922	13,970.59	10,237	10,710	3,401	32.98	103
1923	22,892.47	16,723	17,495	5,626	33.06	170
1924	7,625.45	5,554	5,810	1,891	33.13	57
1925	29,724.76	21,580	22,576	7,446	33.21	224
1926	35,501.95	25,693	26,879	8,978	33.28	270
1927	53,835.36	38,835	40,628	13,746	33.35	412
1928	4,497.00	3,233	3,382	1,160	33.42	35
1929	7,545.88	5,407	5,657	1,965	33.49	59
1930	8,452.39	6,037	6,316	2,221	33.55	66
1931	15,069.82	10,725	11,220	4,000	33.62	119
1932	1,922.51	1,364	1,427	515	33.68	15
1933	1,303.43	921	964	353	33.74	10
1935	2,189.70	1,536	1,607	605	33.86	18
1937	373.22	260	272	105	33.98	3
1938	2,635.83	1,828	1,912	750	34.03	22
1940	145,362.41	100,002	104,619	42,197	34.14	1,236
1943	226.38	154	161	68	34.29	2
1944	118.86	80	84	36	34.34	1
1949	47,917.34	31,646	33,107	15,290	34.57	442
1950	81,832.27	53,774	56,257	26,394	34.61	763
1951	98,309.55	64,261	67,228	32,065	34.66	925
1952	27,641.07	17,972	18,802	9,116	34.70	263
1953	13,257.93	8,574	8,970	4,421	34.74	127

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AMEREN MISSOURI

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOKUK						
INTERIM SURVIVOR CURVE.. IOWA 150-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -1						
1954	13,681.03	8,798	9,204	4,614	34.78	133
1955	11,643.54	7,445	7,789	3,971	34.82	114
1956	1,635.32	1,040	1,088	564	34.85	16
1957	29,203.34	18,455	19,307	10,188	34.89	292
1958	1,657.13	1,041	1,089	585	34.93	17
1959	14,926.30	9,315	9,745	5,331	34.96	152
1960	24,202.84	15,006	15,699	8,746	35.00	250
1961	8,990.67	5,538	5,794	3,287	35.03	94
1962	17,966.18	10,988	11,495	6,651	35.07	190
1967	224,862.06	132,467	138,583	88,528	35.23	2,513
1968	11,544.18	6,745	7,056	4,603	35.26	131
1970	17,229.08	9,896	10,353	7,049	35.31	200
1971	51,465.56	29,296	30,649	21,332	35.34	604
1972	16,729.54	9,434	9,870	7,027	35.37	199
1973	2,508.31	1,401	1,466	1,068	35.40	30
1974	1,901.56	1,052	1,101	820	35.42	23
1975	5,448.67	2,982	3,120	2,383	35.45	67
1976	6,624.89	3,588	3,754	2,937	35.47	83
1977	200,190.60	107,196	112,145	90,048	35.50	2,537
1978	199,889.07	105,826	110,712	91,176	35.52	2,567
1979	39,539.76	20,680	21,635	18,300	35.55	515
1980	403,935.52	208,695	218,330	189,645	35.57	5,332
1982	131,496.74	66,181	69,236	63,575	35.61	1,785
1983	4,967.99	2,465	2,579	2,439	35.64	68
1984	13,145.61	6,428	6,725	6,552	35.66	184
1985	2,348.81	1,131	1,183	1,189	35.68	33
1987	588,003.08	274,113	286,768	307,115	35.72	8,598
1988	131,419.89	60,198	62,977	69,757	35.74	1,952
1989	790,025.33	355,332	371,737	426,189	35.76	11,918
1990	307,911.51	135,890	142,164	168,827	35.77	4,720
1991	130,350.11	56,371	58,973	72,680	35.79	2,031
1992	2,132,859.09	902,906	944,590	1,209,597	35.81	33,778
1994	468,473.24	189,311	198,051	275,107	35.85	7,674
1995	261,633.08	103,121	107,882	156,368	35.86	4,361
1996	105,664.59	40,541	42,413	64,309	35.88	1,792
1997	114,181.48	42,596	44,563	70,761	35.89	1,972
1998	31,965.30	11,567	12,101	20,184	35.91	562
2000	14,400.15	4,873	5,098	9,446	35.94	263
2001	21,566.18	7,035	7,360	14,422	35.95	401
2003	86,803.42	26,038	27,240	60,431	35.98	1,680
2005	431,094.78	117,115	122,522	312,884	36.01	8,689

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AMEREN MISSOURI

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOKUK						
INTERIM SURVIVOR CURVE.. IOWA 150-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -1						
2006	1,770,908.54	454,738	475,732	1,312,886	36.02	36,449
2007	240,982.98	58,110	60,793	182,600	36.03	5,068
2008	255,367.40	57,403	60,053	197,868	36.05	5,489
2009	507,788.92	105,512	110,383	402,484	36.06	11,162
2012	280,788.98	42,715	44,687	238,910	36.09	6,620
2016	1,087,665.86	70,296	73,541	1,025,001	36.13	28,370
2017	330,190.49	13,120	13,726	319,767	36.14	8,848
2018	2,103,307.40	28,976	30,314	2,094,027	36.15	57,926
	18,410,282.21	7,486,361	7,831,984	10,762,401		302,534
	115,112,251.67	30,509,908	20,284,857	96,183,953		2,987,900
					COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 32.2	2.60

AMEREN MISSOURI

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OSAGE						
INTERIM SURVIVOR CURVE.. IOWA 95-S0						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -8						
1930	719,984.39	567,154	566,196	211,387	23.10	9,151
1931	2,296,296.63	1,804,051	1,801,004	678,997	23.17	29,305
1932	6,564.90	5,145	5,136	1,954	23.23	84
1935	1,713.07	1,331	1,329	521	23.43	22
1951	180,796.74	133,148	132,923	62,337	24.37	2,558
1952	1,101,790.60	808,144	806,779	383,155	24.42	15,690
1953	613,404.64	448,080	447,323	215,154	24.47	8,793
1954	25,458.61	18,515	18,484	9,012	24.53	367
1958	995.99	711	710	366	24.73	15
1980	16,949.28	10,348	10,331	7,975	25.77	309
1991	281,622.44	148,064	147,814	156,338	26.26	5,953
1992	3,520.66	1,817	1,814	1,988	26.31	76
1993	150,644.39	76,282	76,153	86,543	26.35	3,284
1994	4,166,435.75	2,066,465	2,062,974	2,436,776	26.40	92,302
1999	515,526.32	225,664	225,283	331,486	26.63	12,448
2002	6,491,067.81	2,572,730	2,568,384	4,441,969	26.77	165,931
2004	9,355.86	3,417	3,411	6,693	26.87	249
2006	131,858.66	43,624	43,550	98,857	26.97	3,665
2008	14,827,360.85	4,344,956	4,337,617	11,675,933	27.07	431,324
2009	16,029,618.90	4,362,621	4,355,252	12,956,736	27.13	477,580
2010	9,342,881.64	2,340,852	2,336,898	7,753,414	27.18	285,262
2011	745,634.85	169,456	169,170	636,116	27.24	23,352
2013	644,557.20	114,248	114,055	582,067	27.35	21,282
2016	3,800,384.97	337,917	337,346	3,767,070	27.53	136,835
2017	1,172,235.46	64,427	64,318	1,201,696	27.60	43,540
	63,276,660.61	20,669,167	20,634,254	47,704,539		1,769,377

TAUM SAUK  
INTERIM SURVIVOR CURVE.. IOWA 95-S0  
PROBABLE RETIREMENT YEAR.. 6-2089  
NET SALVAGE PERCENT.. -26

1963	11,490,562.72	6,573,061	4,028,336	10,449,773	48.13	217,116
1964	79,484.47	45,015	27,588	72,563	48.37	1,500
1965	2,606.54	1,461	895	2,389	48.62	49
1968	42,552.07	23,090	14,151	39,465	49.34	800
1969	3,197.50	1,716	1,052	2,977	49.58	60
1971	3,605.36	1,889	1,158	3,385	50.06	68
1983	17,949.96	7,888	4,834	17,783	52.86	336

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AMEREN MISSOURI

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TAUM SAUK						
INTERIM SURVIVOR CURVE.. IOWA 95-S0						
PROBABLE RETIREMENT YEAR.. 6-2089						
NET SALVAGE PERCENT.. -26						
1996	2,378.19	768	471	2,526	55.86	45
1997	1,834.22	573	351	1,960	56.09	35
1999	19,354,345.37	5,625,716	3,447,750	20,938,725	56.56	370,204
2000	259,306.33	72,435	44,392	282,334	56.80	4,971
2001	341,540.66	91,486	56,068	374,274	57.04	6,562
2002	138,015.43	35,322	21,647	152,252	57.28	2,658
2003	728,612.32	177,634	108,864	809,188	57.52	14,068
2004	125,531.37	29,018	17,784	140,386	57.77	2,430
2006	230,806.42	47,348	29,017	261,799	58.26	4,494
2008	28,947.24	5,141	3,151	33,323	58.76	567
2009	324,285.27	52,861	32,396	376,203	59.02	6,374
2010	14,751,582.17	2,185,645	1,339,484	17,247,509	59.28	290,950
2011	628,085.11	83,468	51,154	740,233	59.54	12,433
2012	14,835,269.40	1,735,219	1,063,438	17,629,001	59.81	294,750
2013	1,686,303.24	169,852	104,095	2,020,647	60.08	33,633
2014	7,438,019.68	623,232	381,951	8,989,954	60.36	148,939
2015	369,139.76	24,488	15,008	450,108	60.64	7,423
2016	9,601.36	464	284	11,813	60.93	194
2017	685,379.79	20,251	12,411	851,168	61.22	13,903
2018	143,453.55	1,428	875	179,876	61.53	2,923
	73,722,395.50	17,636,469	10,808,605	82,081,613		1,437,485

KEOKUK  
INTERIM SURVIVOR CURVE.. IOWA 95-S0  
PROBABLE RETIREMENT YEAR.. 6-2055  
NET SALVAGE PERCENT.. -10

1913	2,619,480.25	2,078,979	1,809,405	1,072,024	25.56	41,941
1920	13,394.02	10,414	9,064	5,670	26.50	214
1921	4,808.82	3,727	3,244	2,046	26.63	77
1922	4,868.76	3,763	3,275	2,081	26.75	78
1929	3,002.84	2,270	1,976	1,327	27.57	48
1930	2,877.41	2,168	1,887	1,278	27.68	46
1931	2,808.92	2,110	1,836	1,253	27.78	45
1935	224.94	167	145	102	28.20	4
1936	2,070.45	1,528	1,330	948	28.30	33
1939	7,161.67	5,227	4,549	3,329	28.60	116
1940	1,685.49	1,226	1,067	787	28.70	27
1941	1,341.94	972	846	630	28.79	22

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AMEREN MISSOURI

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOKUK						
INTERIM SURVIVOR CURVE.. IOWA 95-S0						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -10						
1942	84,769.44	61,149	53,220	40,026	28.89	1,385
1943	117,459.65	84,395	73,452	55,754	28.98	1,924
1944	5,048.65	3,613	3,145	2,409	29.07	83
1946	5,076.77	3,602	3,135	2,450	29.25	84
1947	205,104.33	144,890	126,103	99,512	29.34	3,392
1948	167,297.02	117,646	102,391	81,635	29.43	2,774
1952	44,056.38	30,401	26,459	22,003	29.77	739
1953	251,800.46	172,869	150,454	126,527	29.86	4,237
1954	16,901.10	11,544	10,047	8,544	29.94	285
1955	3,405.04	2,314	2,014	1,732	30.02	58
1957	196.21	132	115	101	30.18	3
1958	14,922.39	9,972	8,679	7,736	30.26	256
1959	596.84	397	346	311	30.34	10
1962	2,001.46	1,305	1,136	1,066	30.58	35
1963	3,832.58	2,483	2,161	2,055	30.66	67
1964	22,688.93	14,602	12,709	12,249	30.73	399
1965	3,722.60	2,379	2,071	2,024	30.81	66
1967	3,532.57	2,225	1,936	1,949	30.96	63
1969	12,430.92	7,709	6,709	6,965	31.11	224
1970	10,805.27	6,648	5,786	6,100	31.18	196
1974	29,958.25	17,788	15,481	17,473	31.48	555
1976	1,557.80	907	789	924	31.62	29
1980	822.12	458	399	506	31.91	16
1984	250,998.46	132,751	115,538	160,561	32.20	4,986
1985	11,127.84	5,802	5,050	7,191	32.27	223
1990	24,546.97	11,779	10,252	16,750	32.62	513
1991	5,544.54	2,609	2,271	3,828	32.70	117
1992	2,895,549.54	1,335,132	1,162,010	2,023,095	32.77	61,736
1993	4,864,316.76	2,195,466	1,910,787	3,439,961	32.84	104,749
1994	127,771.52	56,373	49,063	91,485	32.91	2,780
1995	1,456,870.34	627,305	545,964	1,056,593	32.99	32,028
1996	49,252.50	20,674	17,993	36,184	33.06	1,094
1997	701,479.34	286,544	249,389	522,239	33.13	15,763
1998	28,246.95	11,205	9,752	21,320	33.21	642
2000	17,119.38	6,364	5,539	13,293	33.36	398
2001	8,624,382.68	3,094,032	2,692,839	6,793,982	33.43	203,230
2002	21,118,360.58	7,284,990	6,340,369	16,889,828	33.51	504,024
2003	5,730,229.52	1,895,451	1,649,674	4,653,578	33.58	138,582
2004	570,728.40	180,286	156,909	470,892	33.66	13,990
2005	5,988,680.90	1,799,455	1,566,126	5,021,423	33.74	148,827
2007	7,212.61	1,928	1,678	6,256	33.90	185

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AMEREN MISSOURI

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOKUK						
INTERIM SURVIVOR CURVE.. IOWA 95-S0						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -10						
2009	20,729,417.52	4,795,108	4,173,342	18,629,017	34.06	546,947
2011	154,166.38	29,540	25,710	143,873	34.23	4,203
2012	26,992,883.14	4,592,785	3,997,253	25,694,918	34.32	748,686
2013	58,481.30	8,628	7,509	56,820	34.41	1,651
2015	11,223,147.21	1,113,808	969,384	11,376,078	34.59	328,883
2016	14,441,959.82	1,051,981	915,574	14,970,582	34.69	431,553
2017	576,180.25	25,865	22,511	611,287	34.79	17,571
2018	1,867,049.73	29,020	25,257	2,028,498	34.89	58,140
	132,187,416.47	33,406,860	29,075,101	116,331,057		3,431,032
	269,186,472.58	71,712,496	60,517,960	246,117,209		6,637,894
	COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.1					2.47

AMEREN MISSOURI

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OSAGE						
INTERIM SURVIVOR CURVE.. IOWA 65-R1						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -1						
1930	27,814.83	22,301	20,760	7,333	13.38	548
1931	414,903.57	330,616	307,766	111,287	13.69	8,129
1932	2,487.97	1,971	1,835	678	13.98	48
1939	423.72	322	300	128	15.97	8
1944	377.06	278	259	122	17.26	7
1946	13,202.64	9,627	8,962	4,373	17.75	246
1947	620.08	449	418	208	17.99	12
1951	15,233.91	10,778	10,033	5,353	18.90	283
1952	271,824.74	191,142	177,931	96,612	19.12	5,053
1953	95,325.95	66,620	62,016	34,264	19.33	1,773
1957	7,220.54	4,919	4,579	2,714	20.15	135
1958	4,667.47	3,158	2,940	1,774	20.35	87
1959	1,078.26	725	675	414	20.54	20
1967	5,293.60	3,356	3,124	2,222	21.96	101
1979	44,444.56	25,172	23,432	21,457	23.68	906
1985	7,815.52	4,101	3,818	4,076	24.38	167
1994	348,068.38	155,648	144,891	206,658	25.21	8,197
1996	29,411.77	12,550	11,683	18,023	25.36	711
1997	13,600.65	5,656	5,265	8,472	25.43	333
1999	1,146,407.94	450,250	419,131	738,741	25.57	28,891
2000	18,768.19	7,139	6,646	12,310	25.64	480
2001	1,660,187.67	610,385	568,199	1,108,591	25.70	43,136
2002	218,935.41	77,573	72,212	148,913	25.76	5,781
2003	6,946.11	2,365	2,202	4,814	25.82	186
2008	209,821.70	54,622	50,847	161,073	26.09	6,174
2009	258,081.79	62,416	58,102	202,560	26.14	7,749
2010	8,817,849.81	1,959,950	1,824,490	7,081,538	26.19	270,391
2012	5,776,763.68	1,038,430	966,660	4,867,871	26.28	185,231
2013	5,942,518.33	930,361	866,060	5,135,883	26.33	195,058
2014	41,657.81	5,505	5,125	36,950	26.37	1,401
2015	366,761.65	38,899	36,211	334,219	26.42	12,650
2016	4,681,835.19	366,045	340,746	4,387,907	26.46	165,832
2017	91,389.92	4,409	4,104	88,200	26.51	3,327
2018	19,755.36	333	310	19,643	26.55	740
	30,561,495.78	6,458,071	6,011,729	24,855,382		953,791

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AMEREN MISSOURI

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TAUM SAUK						
INTERIM SURVIVOR CURVE.. IOWA 65-R1						
PROBABLE RETIREMENT YEAR.. 6-2089						
NET SALVAGE PERCENT.. -3						
1963	1,471,932.62	846,206	669,230	846,860	28.72	29,487
1964	457.62	259	205	267	29.26	9
1966	594.96	327	259	354	30.34	12
1969	2,348.51	1,228	971	1,448	31.97	45
1999	2,083.03	492	389	1,756	47.70	37
2002	203,283.54	41,569	32,875	176,507	49.01	3,601
2004	469,216.28	85,668	67,751	415,541	49.85	8,336
2005	289,314.46	49,625	39,246	258,747	50.25	5,149
2008	1,191,872.52	163,250	129,108	1,098,521	51.44	21,355
2009	515,500.63	64,459	50,978	479,988	51.82	9,263
2010	7,361,070.60	832,796	658,625	6,923,278	52.19	132,655
2011	936,879.96	94,414	74,668	890,318	52.56	16,939
2012	2,931.16	259	205	2,814	52.92	53
2013	156.63	12	9	152	53.27	3
2014	162,113.21	10,122	8,005	158,972	53.62	2,965
2015	16,003.94	785	621	15,863	53.96	294
2016	51,362.03	1,816	1,436	51,467	54.30	948
2017	412,958.36	8,920	7,054	418,293	54.62	7,658
2018	56,458.47	410	324	57,828	54.95	1,052
	13,146,538.53	2,202,617	1,741,961	11,798,974		239,861

KEOKUK  
INTERIM SURVIVOR CURVE.. IOWA 65-R1  
PROBABLE RETIREMENT YEAR.. 6-2055  
NET SALVAGE PERCENT.. -1

1913	119,386.94	105,852	91,809	28,772	7.94	3,624
1915	934.27	819	710	233	8.57	27
1916	17,816.68	15,534	13,473	4,522	8.89	509
1917	3,224.56	2,795	2,424	833	9.22	90
1918	4,388.35	3,781	3,279	1,153	9.55	121
1925	277.24	228	198	82	11.96	7
1927	525.21	427	370	160	12.67	13
1929	208.53	167	145	66	13.40	5
1930	229.18	182	158	74	13.76	5
1931	4,318.39	3,414	2,961	1,400	14.12	99
1932	268.46	211	183	88	14.48	6
1939	1,882.99	1,404	1,218	684	16.99	40
1940	7,942.43	5,876	5,096	2,925	17.35	169

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AMEREN MISSOURI

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOKUK						
INTERIM SURVIVOR CURVE.. IOWA 65-R1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -1						
1941	3,931.40	2,886	2,503	1,468	17.70	83
1942	6,297.25	4,589	3,980	2,380	18.04	132
1943	2,276.91	1,646	1,428	872	18.39	47
1945	136.95	98	85	53	19.07	3
1946	19,585.88	13,838	12,002	7,780	19.40	401
1947	19,752.78	13,849	12,012	7,939	19.73	402
1948	121,317.19	84,387	73,192	49,339	20.06	2,460
1949	20,266.13	13,984	12,129	8,340	20.39	409
1950	3,825.22	2,619	2,272	1,592	20.71	77
1951	73,447.99	49,886	43,268	30,915	21.02	1,471
1952	195,313.75	131,563	114,109	83,158	21.34	3,897
1953	215,195.79	143,778	124,704	92,644	21.65	4,279
1954	34,844.11	23,092	20,028	15,164	21.95	691
1955	27,491.48	18,066	15,669	12,097	22.26	543
1956	27,105.77	17,667	15,323	12,054	22.55	535
1957	2,575.38	1,664	1,443	1,158	22.85	51
1958	98,355.58	63,013	54,653	44,686	23.14	1,931
1959	110,684.11	70,287	60,962	50,829	23.43	2,169
1960	5,851.52	3,684	3,195	2,715	23.71	115
1961	33,093.97	20,646	17,907	15,518	23.99	647
1962	16,739.01	10,350	8,977	7,929	24.26	327
1963	905.72	555	481	433	24.53	18
1965	46,013.50	27,659	23,990	22,484	25.06	897
1966	1,178.25	701	608	582	25.32	23
1967	735.24	433	376	367	25.57	14
1968	11,139.64	6,500	5,638	5,613	25.82	217
1969	3,626.71	2,094	1,816	1,847	26.07	71
1970	31,142.53	17,796	15,435	16,019	26.31	609
1971	1,604.10	907	787	833	26.55	31
1976	2,407.73	1,284	1,114	1,318	27.67	48
1978	23,539.19	12,237	10,614	13,161	28.09	469
1979	4,229.64	2,169	1,881	2,391	28.30	84
1980	23,280.84	11,778	10,215	13,298	28.49	467
1983	31,053.44	15,021	13,028	18,336	29.07	631
1984	3,543.75	1,687	1,463	2,116	29.25	72
1985	11,636.61	5,451	4,728	7,025	29.42	239
1986	8,516.27	3,921	3,401	5,201	29.60	176
1988	72,683.66	32,273	27,991	45,419	29.93	1,518
1990	27,136.99	11,582	10,045	17,363	30.24	574
1992	66,907.14	27,339	23,712	43,864	30.54	1,436
1993	691,065.59	275,945	239,337	458,640	30.68	14,949

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AMEREN MISSOURI

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOKUK						
INTERIM SURVIVOR CURVE.. IOWA 65-R1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -1						
1994	27,857.98	10,852	9,412	18,724	30.82	608
1995	159,287.64	60,472	52,449	108,431	30.95	3,503
1997	8,748.34	3,138	2,722	6,114	31.21	196
1998	285,940.61	99,469	86,273	202,527	31.33	6,464
2001	2,243,494.07	702,143	608,993	1,656,936	31.67	52,319
2002	1,057,060.54	317,642	275,502	792,129	31.78	24,925
2003	545,511.97	156,960	136,137	414,830	31.88	13,012
2004	16,877.04	4,631	4,017	13,029	31.98	407
2005	1,815,614.39	472,966	410,220	1,423,551	32.08	44,375
2006	614,004.10	151,173	131,117	489,027	32.17	15,201
2007	1,083,910.50	250,402	217,182	877,567	32.27	27,195
2009	38,974.97	7,764	6,734	32,631	32.44	1,006
2011	26,177.10	4,303	3,732	22,707	32.61	696
2012	48,034.40	7,008	6,078	42,436	32.69	1,298
2013	119,266.51	15,081	13,080	107,379	32.77	3,277
2014	380,290.66	40,291	34,946	349,148	32.85	10,629
2015	479,492.18	40,569	35,187	449,100	32.92	13,642
2016	3,064,500.51	189,330	164,212	2,930,933	33.00	88,816
2017	5,570,928.54	212,799	184,568	5,442,070	33.07	164,562
2018	14,105.65	187	162	14,085	33.14	425
	19,861,915.64	4,036,794	3,501,249	16,559,286		520,484
	63,569,949.95	12,697,482	11,254,939	53,213,642		1,714,136
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						31.0 2.70



AMEREN MISSOURI

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OSAGE						
INTERIM SURVIVOR CURVE.. IOWA 50-R0.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. 0						
1931	2,568.57	2,271	793-	3,361	5.79	580
1932	240.17	210	73-	313	6.21	50
1935	827.37	704	246-	1,073	7.44	144
1942	274.29	218	76-	350	10.23	34
1943	215.47	170	59-	275	10.62	26
1944	116.18	91	32-	148	11.02	13
1945	2,713.78	2,094	731-	3,445	11.42	302
1947	1,500.73	1,134	396-	1,897	12.22	155
1948	746.35	558	195-	941	12.61	75
1951	385.69	280	98-	483	13.69	35
1952	736.28	529	185-	921	14.03	66
1953	401.25	286	100-	501	14.36	35
1954	138.85	98	34-	173	14.67	12
1955	1,313.88	919	321-	1,635	14.98	109
1956	998.91	692	242-	1,241	15.28	81
1957	899.03	617	215-	1,114	15.58	72
1958	719.38	489	171-	890	15.87	56
1959	3,408.22	2,298	802-	4,211	16.15	261
1960	5,946.65	3,974	1,388-	7,334	16.42	447
1964	1,504.07	969	338-	1,842	17.48	105
1968	523.69	325	113-	637	18.45	35
1969	301.28	185	65-	366	18.69	20
1970	1,298.04	789	275-	1,574	18.91	83
1972	452.98	270	94-	547	19.36	28
1973	8,743.76	5,149	1,798-	10,542	19.57	539
1975	320.51	185	65-	385	19.99	19
1976	6,183.03	3,521	1,229-	7,412	20.19	367
1977	5,184.82	2,919	1,019-	6,204	20.39	304
1978	665.80	370	129-	795	20.58	39
1979	9,056.79	4,976	1,737-	10,794	20.77	520
1980	1,239.99	673	235-	1,475	20.96	70
1981	1,380.32	739	258-	1,638	21.14	77
1982	5,241.20	2,768	966-	6,208	21.32	291
1983	33,552.93	17,476	6,102-	39,655	21.49	1,845
1984	14,943.53	7,672	2,679-	17,622	21.66	814
1985	4,634.94	2,345	819-	5,454	21.82	250
1987	1,663.14	815	285-	1,948	22.14	88
1989	7,681.59	3,636	1,270-	8,951	22.44	399
1990	33,618.43	15,626	5,456-	39,074	22.58	1,730
1991	31,423.52	14,323	5,001-	36,424	22.72	1,603
1992	56,491.27	25,244	8,814-	65,305	22.85	2,858

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AMEREN MISSOURI

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OSAGE						
INTERIM SURVIVOR CURVE.. IOWA 50-R0.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. 0						
1993	19,036.41	8,327	2,907-	21,944	22.98	955
1994	109,215.20	46,710	16,309-	125,524	23.11	5,432
1995	22,733.33	9,498	3,316-	26,050	23.23	1,121
1996	9,017.32	3,673	1,282-	10,300	23.35	441
1997	40,203.81	15,951	5,569-	45,773	23.46	1,951
1998	7,911.40	3,050	1,065-	8,976	23.58	381
1999	52,491.50	19,643	6,858-	59,350	23.68	2,506
2000	30,263.04	10,964	3,828-	34,091	23.78	1,434
2001	32,365.41	11,329	3,956-	36,321	23.88	1,521
2002	182,062.35	61,359	21,423-	203,486	23.98	8,486
2003	58,285.03	18,866	6,587-	64,872	24.07	2,695
2004	50,684.95	15,688	5,477-	56,162	24.16	2,325
2005	38,661.62	11,411	3,984-	42,646	24.24	1,759
2006	141,553.84	39,611	13,830-	155,384	24.32	6,389
2007	4,094.59	1,081	377-	4,472	24.40	183
2008	19,798.80	4,890	1,707-	21,506	24.48	879
2009	272,699.83	62,568	21,846-	294,545	24.55	11,998
2010	526,214.80	110,979	38,748-	564,963	24.62	22,947
2011	64,432.54	12,308	4,297-	68,730	24.69	2,784
2012	50,895.98	8,665	3,025-	53,921	24.76	2,178
2013	143,162.28	21,265	7,425-	150,587	24.82	6,067
2014	169,481.81	21,155	7,386-	176,868	24.89	7,106
2015	54,400.15	5,454	1,904-	56,304	24.95	2,257
2016	137,744.25	10,152	3,545-	141,289	25.01	5,649
2017	87,072.52	3,977	1,389-	88,461	25.07	3,529
2018	336,196.12	5,399	1,885-	338,081	25.12	13,459
	2,910,935.56	672,580	234,831-	3,145,767		131,069

TAUM SAUK  
INTERIM SURVIVOR CURVE.. IOWA 50-R0.5  
PROBABLE RETIREMENT YEAR.. 6-2089  
NET SALVAGE PERCENT.. 0

1963	56,173.91	34,805	154	56,019	19.02	2,945
1964	925.03	565	3	923	19.48	47
1965	1,004.94	604	3	1,002	19.94	50
1967	4,505.77	2,625	12	4,494	20.87	215
1970	1,652.72	915	4	1,649	22.31	74
1971	57,714.73	31,397	139	57,575	22.80	2,525

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ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TAUM SAUK						
INTERIM SURVIVOR CURVE.. IOWA 50-R0.5						
PROBABLE RETIREMENT YEAR.. 6-2089						
NET SALVAGE PERCENT.. 0						
1972	314.14	168	1	313	23.29	13
1975	5,024.49	2,532	11	5,013	24.80	202
1983	12,853.74	5,393	24	12,830	29.02	442
1986	7,930.25	3,064	14	7,917	30.68	258
1987	733.83	275	1	733	31.24	23
1990	66,228.66	22,610	100	66,128	32.93	2,008
1993	11,136.69	3,424	15	11,121	34.60	321
1994	100,600.33	29,779	132	100,468	35.15	2,858
1995	1,086.30	309	1	1,085	35.70	30
1997	5,611.72	1,469	7	5,605	36.78	152
1999	76,635.07	18,315	81	76,554	37.83	2,024
2000	10,929.90	2,488	11	10,919	38.35	285
2001	23,247.17	5,018	22	23,225	38.87	598
2002	151,296.53	30,939	137	151,159	39.37	3,839
2003	15,183.57	2,926	13	15,171	39.88	380
2004	23,667.16	4,291	19	23,648	40.37	586
2005	179,997.99	30,511	135	179,863	40.86	4,402
2006	18,415.94	2,907	13	18,403	41.34	445
2007	15,192.18	2,215	10	15,182	41.82	363
2008	1,579,413.85	211,863	940	1,578,474	42.28	37,334
2009	907,239.46	110,520	491	906,749	42.75	21,211
2010	263,305.16	28,919	128	263,177	43.20	6,092
2011	139,704.89	13,606	60	139,645	43.65	3,199
2012	225,140.94	19,155	85	225,056	44.09	5,104
2013	49,473.95	3,587	16	49,458	44.52	1,111
2014	412,122.65	24,653	109	412,013	44.95	9,166
2015	37,683.91	1,765	8	37,676	45.37	830
2016	177,563.76	5,996	27	177,537	45.78	3,878
2017	95,568.35	1,966	9	95,560	46.18	2,069
2018	28,088.98	192	1	28,088	46.58	603
	4,763,368.66	661,766	2,937	4,760,432		115,682

KEOKUK  
INTERIM SURVIVOR CURVE.. IOWA 50-R0.5  
PROBABLE RETIREMENT YEAR.. 6-2055  
NET SALVAGE PERCENT.. 0

1913	6,488.18	6,488	6,488
1916	1,211.03	1,211	1,211

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ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOKUK						
INTERIM SURVIVOR CURVE.. IOWA 50-R0.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. 0						
1917	6,079.21	6,079	6,079			
1918	511.02	511	511			
1919	746.97	743	421	326	0.25	326
1923	1,341.02	1,282	726	615	2.19	281
1924	1,227.80	1,162	658	569	2.66	214
1925	216.26	203	115	101	3.13	32
1928	367.92	335	190	178	4.49	40
1929	117.84	106	60	58	4.93	12
1930	350.35	313	177	173	5.36	32
1936	2,156.49	1,818	1,030	1,126	7.84	144
1937	632.17	528	299	333	8.24	40
1938	176.37	146	83	94	8.64	11
1939	615.70	504	286	330	9.04	37
1940	1,146.96	931	528	619	9.43	66
1941	653.55	525	298	356	9.83	36
1942	1,819.98	1,448	821	999	10.23	98
1943	699.15	551	312	387	10.62	36
1944	962.23	750	425	537	11.02	49
1945	181.02	140	79	102	11.42	9
1946	5,853.49	4,470	2,533	3,320	11.82	281
1947	736.82	557	316	421	12.22	34
1948	890.51	666	377	513	12.62	41
1949	2,543.05	1,881	1,066	1,477	13.02	113
1950	2,482.52	1,816	1,029	1,453	13.43	108
1951	689.94	499	283	407	13.84	29
1952	1,980.01	1,416	802	1,178	14.25	83
1953	13,248.37	9,361	5,305	7,944	14.67	542
1954	7,461.70	5,210	2,952	4,509	15.09	299
1955	3,327.39	2,295	1,301	2,027	15.51	131
1956	3,235.88	2,205	1,250	1,986	15.93	125
1957	6,088.11	4,099	2,323	3,765	16.33	231
1958	9,152.83	6,089	3,451	5,702	16.73	341
1959	7,102.69	4,669	2,646	4,457	17.12	260
1960	2,618.90	1,700	963	1,656	17.51	95
1961	4,147.77	2,662	1,509	2,639	17.88	148
1962	2,664.00	1,689	957	1,707	18.25	94
1963	3,437.52	2,153	1,220	2,217	18.61	119
1964	2,662.76	1,648	934	1,729	18.97	91
1965	10,409.94	6,364	3,606	6,804	19.32	352
1966	2,436.16	1,471	834	1,603	19.67	81
1967	3,496.44	2,085	1,182	2,315	20.01	116

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ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOKUK						
INTERIM SURVIVOR CURVE.. IOWA 50-R0.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. 0						
1968	1,882.76	1,109	628	1,254	20.35	62
1969	7,102.46	4,129	2,340	4,763	20.68	230
1970	6,924.72	3,974	2,252	4,673	21.01	222
1971	2,888.08	1,636	927	1,961	21.33	92
1972	5,720.44	3,198	1,812	3,908	21.65	181
1973	282.49	156	88	194	21.97	9
1974	10,764.72	5,853	3,317	7,448	22.28	334
1975	1,676.93	899	509	1,167	22.58	52
1976	1,250.47	661	375	876	22.88	38
1977	8,205.42	4,272	2,421	5,785	23.18	250
1978	6,463.40	3,316	1,879	4,584	23.47	195
1979	3,893.93	1,967	1,115	2,779	23.75	117
1980	4,721.55	2,348	1,331	3,391	24.03	141
1981	17,036.58	8,336	4,724	12,313	24.31	506
1982	9,641.98	4,640	2,629	7,013	24.58	285
1983	37,755.81	17,865	10,124	27,632	24.84	1,112
1984	27,303.34	12,691	7,192	20,112	25.10	801
1985	18,591.86	8,485	4,808	13,784	25.36	544
1986	7,935.72	3,554	2,014	5,922	25.61	231
1987	1,243.28	546	309	934	25.85	36
1988	7,557.02	3,253	1,843	5,714	26.09	219
1989	102,671.16	43,280	24,526	78,145	26.32	2,969
1990	86,320.36	35,594	20,171	66,150	26.55	2,492
1991	46,381.98	18,698	10,596	35,786	26.77	1,337
1992	88,943.09	35,010	19,840	69,103	26.99	2,560
1993	49,289.94	18,930	10,727	38,563	27.20	1,418
1994	141,818.32	53,049	30,062	111,756	27.41	4,077
1995	130,512.06	47,502	26,919	103,593	27.61	3,752
1996	78,814.01	27,872	15,795	63,019	27.80	2,267
1997	50,248.29	17,241	9,770	40,478	27.99	1,446
1998	188,273.76	62,565	35,455	152,819	28.17	5,425
1999	119,203.12	38,259	21,681	97,522	28.35	3,440
2000	138,210.95	42,791	24,249	113,962	28.52	3,996
2001	58,893.08	17,531	9,935	48,959	28.69	1,706
2002	309,734.24	88,442	50,119	259,616	28.85	8,999
2003	47,786.69	13,054	7,397	40,389	29.00	1,393
2004	58,936.34	15,332	8,688	50,248	29.15	1,724
2005	406,795.40	100,312	56,845	349,950	29.30	11,944
2006	103,413.89	24,068	13,639	89,775	29.44	3,049
2007	59,458.81	12,995	7,364	52,095	29.57	1,762
2008	5,411.87	1,102	624	4,787	29.70	161

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AMEREN MISSOURI

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOKUK						
INTERIM SURVIVOR CURVE.. IOWA 50-R0.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. 0						
2009	91,347.13	17,181	9,736	81,611	29.83	2,736
2010	23,598.39	4,058	2,300	21,299	29.95	711
2011	10,312.33	1,599	906	9,406	30.07	313
2012	198,233.87	27,194	15,410	182,823	30.19	6,056
2013	152,893.32	18,184	10,305	142,589	30.30	4,706
2014	127,927.55	12,729	7,213	120,714	30.41	3,970
2015	154,204.61	12,281	6,959	147,245	30.51	4,826
2016	417,502.41	24,274	13,756	403,747	30.62	13,186
2017	485,232.88	17,362	9,839	475,394	30.72	15,475
2018	82,278.71	1,028	583	81,696	30.81	2,652
	4,327,859.54	1,033,184	591,681	3,736,179		131,382
	12,002,163.76	2,367,530	359,787	11,642,378		378,133
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 30.8						3.15



AMEREN MISSOURI

ACCOUNT 335.21 MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OSAGE						
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2009	17,439.71	8,284	7,569	9,871	10.50	940
2012	42,209.87	13,718	12,533	29,676	13.50	2,198
2013	23,001.62	6,325	5,779	17,223	14.50	1,188
	82,651.20	28,327	25,881	56,770		4,326
TAUM SAUK						
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2001	3,183.82	2,786	2,674	510	2.50	204
2007	2,015.66	1,159	1,112	903	8.50	106
2009	40,740.84	19,352	18,575	22,166	10.50	2,111
2010	6,111.42	2,597	2,493	3,619	11.50	315
2015	27,269.24	4,772	4,580	22,689	16.50	1,375
2017	58,033.22	4,352	4,177	53,856	18.50	2,911
2018	1,918.94	48	46	1,873	19.50	96
	139,273.14	35,066	33,658	105,615		7,118
KEOKUK						
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	4,981.33	3,611	3,442	1,539	5.50	280
2005	63,040.94	42,553	40,566	22,475	6.50	3,458
2014	9,113.76	2,051	1,955	7,159	15.50	462
	77,136.03	48,215	45,964	31,172		4,200
	299,060.37	111,608	105,503	193,557		15,644
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						12.4 5.23

AMEREN MISSOURI

ACCOUNT 335.22 MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OSAGE						
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2009	14,732.79	9,331	8,262	6,471	5.50	1,177
2010	34,108.08	19,328	17,113	16,995	6.50	2,615
2012	9,682.52	4,196	3,715	5,967	8.50	702
2013	15,685.78	5,752	5,093	10,593	9.50	1,115
2016	22,165.63	3,694	3,271	18,895	12.50	1,512
2018	1,238.42	41	36	1,202	14.50	83
	97,613.22	42,342	37,489	60,124		7,204
TAUM SAUK						
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	3,161.21	3,056	2,835	326	0.50	326
2005	1,607.50	1,447	1,342	265	1.50	177
2008	25,104.44	17,573	16,301	8,803	4.50	1,956
2009	37,918.80	24,015	22,277	15,642	5.50	2,844
2010	436,447.67	247,322	229,420	207,027	6.50	31,850
2011	4,268.19	2,134	1,980	2,289	7.50	305
2014	68,904.19	20,671	19,175	49,729	10.50	4,736
2016	13,484.52	2,247	2,084	11,400	12.50	912
2018	14,792.93	493	457	14,336	14.50	989
	605,689.45	318,958	295,871	309,818		44,095
KEOKUK						
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2007	17,571.56	13,472	12,362	5,209	3.50	1,488
2010	31,880.88	18,066	16,578	15,303	6.50	2,354
2011	16,395.42	8,198	7,523	8,873	7.50	1,183
2012	20,851.92	9,036	8,292	12,560	8.50	1,478

AMEREN MISSOURI

ACCOUNT 335.22 MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOKUK						
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	31,277.64	9,383	8,610	22,668	10.50	2,159
2015	1,007.83	235	216	792	11.50	69
2016	2,191.09	365	335	1,856	12.50	148
	121,176.34	58,755	53,915	67,261		8,879
	824,479.01	420,055	387,275	437,203		60,178
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						7.3 7.30



AMEREN MISSOURI

ACCOUNT 335.23 MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OSAGE						
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	19,950.94	17,956	13,544	6,407	0.50	6,407
2015	40,513.77	28,360	21,392	19,122	1.50	12,748
2016	25,944.16	12,972	9,785	16,159	2.50	6,464
2017	29,676.27	8,903	6,716	22,961	3.50	6,560
2018	749,663.34	74,966	56,547	693,116	4.50	154,026
	865,748.48	143,157	107,984	757,764		186,205
TAUM SAUK						
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	287,068.24	258,361	256,191	30,877	0.50	30,877
2016	5,439.14	2,720	2,697	2,742	2.50	1,097
2017	1,676.02	503	499	1,177	3.50	336
2018	36,241.82	3,624	3,594	32,648	4.50	7,255
	330,425.22	265,208	262,981	67,444		39,565
KEOKUK						
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	15,373.25	13,836	7,772	7,602	0.50	7,602
2015	42,783.39	29,948	16,821	25,962	1.50	17,308
2016	23,875.57	11,938	6,705	17,170	2.50	6,868
2018	4,624.74	462	260	4,365	4.50	970
	86,656.95	56,184	31,558	55,099		32,748
	1,282,830.65	464,549	402,523	880,307		258,518
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						3.4 20.15

AMEREN MISSOURI

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OSAGE						
INTERIM SURVIVOR CURVE.. IOWA 50-R0.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. 0						
1945	5,980.87	4,615	5,981			
1955	60,252.94	42,136	60,253			
1963	2,957.19	1,922	2,957			
1966	3,737.17	2,361	3,737			
1970	4,516.86	2,744	51,242	46,725-		
	77,445.03	53,778	124,170	46,725-		
TAUM SAUK						
INTERIM SURVIVOR CURVE.. IOWA 50-R0.5						
PROBABLE RETIREMENT YEAR.. 6-2089						
NET SALVAGE PERCENT.. 0						
1963	4,721.33	2,925	4,721			
1965	27,492.39	16,528	27,492			
1969	4,431.27	2,497	4,431			
1982	6,693.76	2,881	6,491	203	28.48	7
2009	162,082.91	19,745	44,486	117,597	42.75	2,751
2010	27,330.13	3,002	6,764	20,567	43.20	476
	232,751.79	47,578	94,385	138,367		3,234
KEOKUK						
INTERIM SURVIVOR CURVE.. IOWA 50-R0.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. 0						
1951	16,005.64	11,575	16,006			
1961	13,161.36	8,445	12,133	1,028	17.88	57
1967	32,591.81	19,435	27,923	4,669	20.01	233
1999	53,167.27	17,065	24,518	28,649	28.35	1,011
	114,926.08	56,520	80,580	34,346		1,301
	425,122.90	157,876	299,135	125,988		4,535
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						27.8 1.07

AMEREN MISSOURI

ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 40-R3						
NET SALVAGE PERCENT.. -5						
1947	8.06	8	8			
1949	130,999.93	137,550	137,550			
1951	48,027.53	50,366	50,429			
1954	2,901.54	2,990	3,047			
1974	164,247.22	145,771	167,357	5,103	6.19	824
1977	12,643.15	10,823	12,426	849	7.39	115
1978	315,982.28	266,752	306,254	25,527	7.84	3,256
1979	6,598.78	5,489	6,302	627	8.31	75
1980	3,354.71	2,748	3,155	367	8.80	42
1984	13,247.43	10,081	11,574	2,336	11.01	212
1986	4,378.19	3,189	3,661	936	12.25	76
1991	13,939.04	8,902	10,220	4,416	15.67	282
1993	26,272.21	15,758	18,092	9,494	17.15	554
1994	2,879.83	1,670	1,917	1,107	17.91	62
1995	35,113.78	19,642	22,551	14,318	18.69	766
1997	16,196.82	8,380	9,621	7,386	20.29	364
1998	31,151.59	15,455	17,744	14,965	21.10	709
1999	14,893.92	7,065	8,111	7,528	21.93	343
2000	4,359,829.98	1,970,752	2,262,590	2,315,231	22.78	101,634
2001	10,158,872.08	4,365,394	5,011,842	5,654,974	23.63	239,313
2002	7,792,144.33	3,172,474	3,642,269	4,539,483	24.49	185,361
2003	3,419,635.74	1,313,268	1,507,743	2,082,875	25.37	82,100
2004	2,160,732.65	779,322	894,728	1,374,041	26.26	52,324
2005	5,653,384.43	1,906,957	2,189,348	3,746,706	27.15	138,000
2006	512,859.48	160,743	184,547	353,955	28.06	12,614
2007	31,704.56	9,171	10,529	22,761	28.98	785
2008	648,308.39	171,883	197,336	483,388	29.90	16,167
2009	1,633,799.46	393,276	451,514	1,263,975	30.83	40,998
2010	134,998.91	29,165	33,484	108,265	31.77	3,408
2012	6,363,819.23	1,055,758	1,212,099	5,469,911	33.68	162,408
2013	1,034,631.57	145,573	167,130	919,233	34.64	26,537
2014	3,194,547.55	368,970	423,608	2,930,667	35.60	82,322
2015	247,648.24	22,298	25,600	234,431	36.57	6,410
2016	158,266.85	10,179	11,687	154,493	37.55	4,114
2017	277,245.34	10,698	12,282	278,826	38.53	7,237
2018	739,187.92	9,508	10,916	765,231	39.51	19,368
	49,364,452.72	16,608,028	19,039,271	32,793,404		1,188,780

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 27.6 2.41



AMEREN MISSOURI

ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R3						
NET SALVAGE PERCENT.. -5						
1973	6,248.33	5,270	6,561			
1974	233,234.40	194,176	244,896			
1975	97,533.93	80,085	101,023	1,388	9.81	141
1978	435,457.48	341,295	430,527	26,703	11.41	2,340
1980	7,887.01	5,968	7,528	753	12.57	60
1982	28,177.51	20,500	25,860	3,726	13.82	270
1983	104,579.25	74,524	94,008	15,800	14.46	1,093
1984	847.82	591	746	144	15.13	10
1991	9,666.22	5,594	7,057	3,093	20.20	153
1995	97,668.08	49,270	62,152	40,399	23.38	1,728
1996	191,612.48	92,951	117,253	83,940	24.21	3,467
1997	3,713.00	1,729	2,181	1,718	25.04	69
2000	3,740,068.00	1,517,577	1,914,348	2,012,723	27.61	72,898
2001	11,871,934.30	4,573,479	5,769,218	6,696,313	28.49	235,041
2002	8,776,601.02	3,200,796	4,037,646	5,177,785	29.37	176,295
2003	2,723,334.48	936,001	1,180,719	1,678,782	30.27	55,460
2005	2,432,918.85	733,441	925,199	1,629,366	32.08	50,791
2008	74,426.93	17,609	22,213	55,935	34.86	1,605
2009	1,782,087.81	382,135	482,044	1,389,148	35.81	38,792
2011	222,929.87	37,920	47,834	186,242	37.71	4,939
2012	13,503,699.99	1,994,544	2,516,019	11,662,866	38.67	301,600
2013	285,980.05	35,832	45,200	255,079	39.63	6,437
2014	77,626.07	7,970	10,054	71,453	40.60	1,760
2015	138,039.07	11,047	13,935	131,006	41.57	3,151
2016	1,133,235.32	64,778	81,715	1,108,182	42.55	26,044
2017	507,006.24	17,392	21,939	510,418	43.53	11,726
2018	182,311.49	2,085	2,630	188,797	44.51	4,242
	48,668,825.00	14,404,559	18,170,505	32,931,761		1,000,112

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 32.9 2.05

AMEREN MISSOURI

ACCOUNT 344 GENERATORS - OTHER CTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R4						
NET SALVAGE PERCENT.. -5						
1974	8,277,181.78	7,373,827	8,691,041			
1978	18,167,572.09	15,243,783	19,075,951			
1979	26,349.13	21,715	27,667			
1990	2,015.74	1,279	1,909	208	17.81	12
1995	29,683.85	15,833	23,629	7,539	22.14	341
2000	89,830,806.85	38,210,926	57,024,568	37,297,779	26.77	1,393,268
2001	285,249,527.60	115,012,610	171,640,552	127,871,452	27.72	4,612,967
2002	229,171,040.59	87,269,134	130,237,218	110,392,375	28.68	3,849,107
2003	184,746,158.67	66,169,700	98,749,205	95,234,262	29.65	3,211,948
2004	7,820.54	2,624	3,916	4,296	30.62	140
2005	145,706,625.96	45,591,603	68,039,217	84,952,740	31.59	2,689,229
2006	1,072,209.57	310,726	463,716	662,104	32.58	20,322
2007	1,612,207.18	430,348	642,235	1,050,583	33.56	31,305
2008	1,564,492.60	381,472	569,295	1,073,422	34.55	31,069
2009	2,367,570.03	522,596	779,903	1,706,046	35.54	48,004
2010	797,073.75	157,526	235,086	601,841	36.53	16,475
2011	776,536.21	135,530	202,260	613,103	37.52	16,341
2012	14,028,727.93	2,124,384	3,170,352	11,559,812	38.51	300,177
2013	7,531,279.04	964,757	1,439,767	6,468,076	39.51	163,707
2014	396,747.32	41,567	62,033	354,552	40.51	8,752
2015	1,129,351.78	92,233	137,645	1,048,174	41.50	25,257
2016	1,935,716.34	112,926	168,527	1,863,975	42.50	43,858
2017	3,219,321.42	112,665	168,137	3,212,150	43.50	73,843
2018	2,705,733.78	31,564	47,105	2,793,915	44.50	62,785
	1,000,351,749.75	380,331,328	561,600,934	488,768,403		16,598,907
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						29.4 1.66

AMEREN MISSOURI

ACCOUNT 344 GENERATORS - MARYLAND HEIGHTS LANDFILL CTG

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 8-S2.5						
NET SALVAGE PERCENT.. +40						
2012	5,574,709.89	2,307,930	3,344,826			
2016	2,842,698.03	526,610	840,683	864,936	5.53	156,408
	8,417,407.92	2,834,540	4,185,509	864,936		156,408
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						5.5 1.86



AMEREN MISSOURI

ACCOUNT 344 GENERATORS - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 20-S2.5						
NET SALVAGE PERCENT., 0						
2010	1,305,325.88	539,100	796,040	509,286	11.74	43,380
2014	9,375,593.50	2,100,133	3,101,077	6,274,516	15.52	404,286
	10,680,919.38	2,639,233	3,897,117	6,783,802		447,666
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 15.2						4.19

AMEREN MISSOURI

ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 40-R2.5						
NET SALVAGE PERCENT.. -5						
1967	71,873.98	64,940	75,468			
1974	867,453.25	735,264	910,826			
1977	441,319.10	360,398	463,385			
1978	1,330,901.35	1,071,492	1,397,446			
1980	1,328.26	1,037	1,392		3	10.27
1993	6,802.29	3,880	5,208	1,934	18.27	106
2000	9,402,039.19	4,042,642	5,426,515	4,445,626	23.62	188,214
2001	31,042,211.50	12,687,340	17,030,456	15,563,866	24.43	637,080
2002	32,713,728.53	12,666,347	17,002,277	17,347,138	25.25	687,015
2003	19,398,655.14	7,088,269	9,514,717	10,853,871	26.08	416,176
2004	78,196.85	26,849	36,040	46,067	26.92	1,711
2005	7,867,683.94	2,525,822	3,390,458	4,870,610	27.77	175,391
2007	2,140,560.03	589,992	791,957	1,455,631	29.50	49,343
2008	129,069.00	32,627	43,796	91,726	30.37	3,020
2009	3,895,768.02	893,787	1,199,747	2,890,809	31.26	92,476
2010	5,013,321.16	1,033,057	1,386,692	3,877,295	32.15	120,600
2011	1,524,730.13	278,168	373,390	1,227,577	33.05	37,143
2012	6,958,476.73	1,103,266	1,480,935	5,825,466	33.96	171,539
2013	1,090,458.16	146,844	197,112	947,869	34.87	27,183
2014	5,537,056.79	611,914	821,384	4,992,526	35.79	139,495
2015	379,707.85	32,693	43,884	354,809	36.72	9,663
2016	225,030.88	13,882	18,634	217,648	37.65	5,781
2017	122,447.11	4,532	6,083	122,486	38.59	3,174
2018	28,994.53	358	481	29,963	39.53	758
	130,267,813.77	46,015,400	61,618,283	75,162,921		2,765,868
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						27.2 2.12

AMEREN MISSOURI

ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 22-L2.5						
NET SALVAGE PERCENT.. 0						
1951	1,785.91	1,786	1,786			
1952	6.28	6	6			
1954	1,176.53	1,177	1,177			
1974	7,924.87	6,819	7,925			
1976	1,319.33	1,117	1,319			
1978	8,028.47	6,682	8,028			
1979	5,912.00	4,875	5,912			
1980	998.94	815	999			
1994	2,571.15	1,739	2,286	285	7.12	40
1998	1,805.59	1,159	1,524	282	7.88	36
2000	167,991.66	104,308	137,120	30,872	8.34	3,702
2001	751,470.98	456,691	600,351	151,120	8.63	17,511
2002	1,772,145.26	1,048,791	1,378,706	393,439	8.98	43,813
2003	729,283.40	418,011	549,504	179,779	9.39	19,146
2004	191,766.63	105,821	139,109	52,658	9.86	5,341
2005	196,470.13	103,593	136,180	60,290	10.40	5,797
2006	236,373.11	118,080	155,224	81,149	11.01	7,370
2007	157,525.02	73,893	97,137	60,388	11.68	5,170
2008	41,745.64	18,197	23,921	17,825	12.41	1,436
2009	151,573.68	60,767	79,882	71,692	13.18	5,439
2010	26,868.85	9,771	12,845	14,024	14.00	1,002
2011	2,794.97	907	1,192	1,603	14.86	108
2012	1,345,624.59	382,897	503,344	842,281	15.74	53,512
2013	219,081.28	53,276	70,035	149,046	16.65	8,952
2014	486,416.67	97,502	128,173	358,244	17.59	20,366
2015	92,355.58	14,525	19,094	73,262	18.54	3,952
2016	72,303.11	8,151	10,715	61,588	19.52	3,155
2017	67,978.03	4,635	6,093	61,885	20.50	3,019
2018	1,122,758.64	25,520	33,548	1,089,211	21.50	50,661
	7,864,056.30	3,131,511	4,113,135	3,750,921		259,528

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 14.5 3.30



AMEREN MISSOURI

ACCOUNT 346.21 MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2000	1,298.67	1,201	1,127	172	1.50	115
2001	6,891.92	6,030	5,657	1,235	2.50	494
2002	193,343.86	159,509	149,645	43,699	3.50	12,485
2003	6,212.83	4,815	4,517	1,696	4.50	377
2004	14,916.17	10,814	10,146	4,770	5.50	867
2005	6,784.32	4,579	4,296	2,488	6.50	383
2012	49,252.25	16,007	15,017	34,235	13.50	2,536
	278,700.02	202,955	190,405	88,295		17,257

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 5.1 6.19

AMEREN MISSOURI

ACCOUNT 346.22 MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	70,318.56	67,975	62,481	7,838	0.50	7,838
2005	11,307.16	10,176	9,354	1,953	1.50	1,302
2008	3,713.27	2,599	2,389	1,324	4.50	294
2009	76,134.31	48,218	44,321	31,813	5.50	5,784
2010	119,835.54	67,907	62,418	57,418	6.50	8,834
2011	78,691.45	39,346	36,166	42,525	7.50	5,670
2012	60,484.41	26,210	24,091	36,393	8.50	4,282
2013	5,259.77	1,929	1,773	3,487	9.50	367
2014	2,279.72	684	629	1,651	10.50	157
2016	7,297.80	1,216	1,118	6,180	12.50	494
2017	18,789.51	1,879	1,727	17,063	13.50	1,264
2018	10,667.54	356	327	10,341	14.50	713
	464,779.04	268,495	246,794	217,985		36,999

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 5.9 7.96

AMEREN MISSOURI

ACCOUNT 346.23 MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	25,945.42	23,351	10,778	15,167	0.50	15,167
2016	117,860.17	58,930	27,199	90,661	2.50	36,264
2017	50,692.22	15,208	7,019	43,673	3.50	12,478
2018	4,060.43	406	187	3,873	4.50	861
	198,558.24	97,895	45,183	153,375		64,770
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 2.4						32.62



AMEREN MISSOURI

ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 65-R2.5						
NET SALVAGE PERCENT.. -5						
1930	183,224.22	169,091	133,700	58,685	7.87	7,457
1944	51,746.96	44,504	35,189	19,145	11.76	1,628
1951	12,870.48	10,514	8,313	5,201	14.43	360
1952	23,593.00	19,109	15,109	9,664	14.86	650
1953	12,101.29	9,716	7,682	5,024	15.30	328
1958	8,853.68	6,761	5,346	3,950	17.73	223
1962	25,895.56	18,862	14,914	12,276	19.91	617
1963	177,385.04	127,569	100,868	85,386	20.48	4,169
1965	2,828.82	1,980	1,566	1,404	21.67	65
1966	15,995.46	11,038	8,728	8,067	22.28	362
1967	26,784.34	18,215	14,403	13,721	22.90	599
1968	167,177.64	111,992	88,552	86,985	23.53	3,697
1969	169,958.97	112,098	88,635	89,822	24.17	3,716
1970	159,705.78	103,658	81,962	85,729	24.82	3,454
1971	170,424.13	108,799	86,027	92,918	25.48	3,647
1972	226,379.10	142,034	112,306	125,392	26.16	4,793
1974	199,817.64	120,946	95,632	114,177	27.53	4,147
1975	13,285.70	7,894	6,242	7,708	28.22	273
1976	69,571.93	40,537	32,052	40,999	28.93	1,417
1977	14,255.79	8,143	6,439	8,530	29.64	288
1978	13,669.29	7,647	6,046	8,307	30.37	274
1980	423,040.27	226,605	179,176	265,016	31.84	8,323
1981	31,738.17	16,617	13,139	20,186	32.59	619
1982	197,451.02	100,983	79,847	127,477	33.34	3,824
1983	268,619.53	134,081	106,017	176,034	34.10	5,162
1985	1,946,523.10	922,880	729,718	1,314,131	35.65	36,862
1986	34,652.53	15,987	12,641	23,744	36.44	652
1987	26,222.84	11,763	9,301	18,233	37.23	490
1989	1,954.36	826	653	1,399	38.83	36
1990	23,067.75	9,450	7,472	16,749	39.64	423
1992	1,049.26	402	318	784	41.28	19
1993	2,043.04	755	597	1,548	42.11	37
1994	53,668.61	19,116	15,115	41,237	42.95	960
1997	18,836.83	5,934	4,692	15,087	45.50	332
1999	485,653.48	139,488	110,293	399,643	47.22	8,463
2000	279,262.34	76,239	60,282	232,943	48.10	4,843
2001	18,544.10	4,802	3,797	15,674	48.97	320
2002	96,123.50	23,525	18,601	82,329	49.85	1,652
2003	196,674.73	45,304	35,822	170,686	50.74	3,364
2005	211,036.90	42,512	33,614	187,975	52.53	3,578
2006	592,138.72	110,671	87,507	534,239	53.43	9,999
2007	10,770.64	1,856	1,468	9,841	54.33	181
2008	37,612.60	5,930	4,689	34,804	55.24	630

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 65-R2.5						
NET SALVAGE PERCENT.. -5						
2010	12,782.72	1,637	1,294	12,128	57.07	213
2011	47,932.98	5,428	4,292	46,038	57.99	794
2013	28,864.00	2,406	1,902	28,405	59.84	475
2015	524,099.81	27,856	22,025	528,280	61.71	8,561
2016	14,038.45	535	423	14,317	62.64	229
2017	81,201.61	1,863	1,473	83,789	63.58	1,318
	7,411,128.71	3,156,558	2,495,879	5,285,806		144,523
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						36.6 1.95

AMEREN MISSOURI

ACCOUNT 353 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R2						
NET SALVAGE PERCENT.. -5						
1913	47,269.58	48,367	49,633			
1915	472.45	479	496			
1916	829.35	837	871			
1918	3,095.75	3,094	3,251			
1920	1,808.29	1,790	1,899			
1921	890.70	877	935			
1924	2,031.69	1,970	2,119	14	4.60	3
1925	1,004.11	968	1,041	13	4.89	3
1929	77,013.26	72,710	78,192	2,672	6.05	442
1930	94,358.04	88,607	95,287	3,789	6.34	598
1931	98,382.63	91,887	98,814	4,488	6.63	677
1932	12,917.98	11,997	12,901	663	6.93	96
1934	501.48	461	496	31	7.52	4
1936	75.59	69	74	5	8.12	1
1937	36.74	33	35	4	8.42	
1938	12,964.76	11,632	12,509	1,104	8.73	126
1939	16,768.47	14,954	16,081	1,526	9.04	169
1940	1,435.16	1,272	1,368	139	9.36	15
1941	18,832.33	16,580	17,830	1,944	9.69	201
1943	1,225.22	1,065	1,145	141	10.35	14
1944	4,330.44	3,737	4,019	528	10.69	49
1945	1,454.89	1,247	1,341	187	11.04	17
1947	207,867.60	175,482	188,712	29,549	11.76	2,513
1948	77,014.31	64,504	69,367	11,498	12.14	947
1949	283,924.13	235,912	253,697	44,423	12.52	3,548
1950	67,720.26	55,806	60,013	11,093	12.91	859
1951	194,469.26	158,897	170,876	33,317	13.31	2,503
1952	646,498.52	523,712	563,195	115,628	13.71	8,434
1953	434,726.54	348,966	375,275	81,188	14.13	5,746
1954	296,421.16	235,713	253,483	57,759	14.56	3,967
1955	3,795.43	2,990	3,215	770	14.99	51
1956	197,155.47	153,743	165,334	41,679	15.44	2,699
1957	219,496.89	169,397	182,168	48,304	15.90	3,038
1958	59,284.38	45,275	48,688	13,561	16.36	829
1959	918,057.10	693,405	745,681	218,279	16.84	12,962
1960	313,737.69	234,330	251,996	77,429	17.32	4,470
1961	1,023,558.36	755,540	812,500	262,236	17.82	14,716
1962	35,202.29	25,677	27,613	9,349	18.32	510
1963	1,966,117.34	1,416,194	1,522,961	541,462	18.84	28,740
1964	481,572.10	342,492	368,312	137,339	19.36	7,094
1965	414,682.01	291,002	312,941	122,475	19.90	6,155
1966	348,498.95	241,265	259,454	106,470	20.44	5,209
1967	2,054,159.44	1,401,964	1,507,658	649,209	21.00	30,915

Schedule JJS-D2



AMEREN MISSOURI

ACCOUNT 353 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R2						
NET SALVAGE PERCENT.. -5						
1968	3,032,446.91	2,039,938	2,193,729	990,340	21.56	45,934
1969	1,808,683.72	1,198,343	1,288,686	610,432	22.14	27,571
1970	3,475,441.33	2,267,366	2,438,303	1,210,910	22.72	53,297
1971	2,910,255.12	1,868,602	2,009,476	1,046,292	23.31	44,886
1972	3,690,332.94	2,330,063	2,505,726	1,369,124	23.92	57,238
1973	375,489.43	233,077	250,649	143,615	24.53	5,855
1974	2,774,341.67	1,691,992	1,819,551	1,093,508	25.15	43,479
1975	153,065.89	91,663	98,573	62,146	25.78	2,411
1976	6,834,538.91	4,017,489	4,320,367	2,855,899	26.41	108,137
1977	208,705.46	120,308	129,378	89,763	27.06	3,317
1978	164,293.50	92,839	99,838	72,670	27.71	2,623
1979	26,639.81	14,741	15,852	12,120	28.38	427
1980	4,514,735.08	2,445,278	2,629,628	2,110,844	29.05	72,662
1981	296,947.62	157,301	169,160	142,635	29.73	4,798
1982	2,883,667.82	1,492,731	1,605,268	1,422,583	30.42	46,765
1983	5,074,145.32	2,565,361	2,758,764	2,569,089	31.11	82,581
1984	3,144,600.50	1,551,299	1,668,251	1,633,580	31.81	51,354
1985	17,703,692.32	8,513,706	9,155,554	9,433,323	32.52	290,078
1986	144,927.02	67,869	72,986	79,187	33.24	2,382
1987	325,735.79	148,380	159,566	182,457	33.97	5,371
1988	1,118,093.90	495,040	532,361	641,638	34.70	18,491
1989	1,807,031.25	776,656	835,208	1,062,175	35.44	29,971
1990	6,122.11	2,551	2,743	3,685	36.19	102
1991	1,019,326.50	411,346	442,357	627,936	36.94	16,999
1992	765,170.91	298,611	321,123	482,306	37.70	12,793
1993	1,473,028.86	554,995	596,836	949,844	38.47	24,691
1994	1,857,128.23	674,363	725,203	1,224,782	39.25	31,205
1995	707,266.83	247,170	265,804	476,826	40.03	11,912
1996	3,636,940.99	1,221,363	1,313,442	2,505,346	40.81	61,390
1997	942,018.71	303,165	326,021	663,099	41.61	15,936
1998	2,161,741.70	665,446	715,614	1,554,215	42.41	36,647
1999	6,436,965.87	1,891,319	2,033,906	4,724,908	43.21	109,348
2000	8,442,139.28	2,360,815	2,538,797	6,325,449	44.02	143,695
2001	7,857,262.56	2,084,559	2,241,714	6,008,412	44.84	133,997
2002	4,172,237.32	1,046,278	1,125,157	3,255,692	45.67	71,287
2003	15,672,401.32	3,705,402	3,984,752	12,471,269	46.49	268,257
2004	11,261,216.47	2,496,933	2,685,177	9,139,100	47.33	193,093
2005	15,295,635.28	3,166,632	3,405,364	12,655,053	48.17	262,716
2006	9,567,984.65	1,840,196	1,978,928	8,067,456	49.01	164,608
2007	7,080,002.70	1,255,083	1,349,704	6,084,299	49.87	122,003
2008	41,036,759.89	6,664,513	7,166,951	35,921,647	50.72	708,234
2009	4,989,372.76	735,167	790,591	4,448,250	51.58	86,240
2010	26,408,309.34	3,489,105	3,752,149	23,976,576	52.45	457,132

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 353 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R2						
NET SALVAGE PERCENT.. -5						
2011	13,811,565.64	1,614,524	1,736,243	12,765,901	53.32	239,420
2012	8,069,884.21	819,121	880,874	7,592,504	54.20	140,083
2013	6,687,347.42	575,781	619,189	6,402,526	55.08	116,240
2014	16,096,789.61	1,137,987	1,223,780	15,677,849	55.96	280,162
2015	24,047,461.50	1,325,616	1,425,554	23,824,281	56.85	419,073
2016	40,294,162.40	1,586,583	1,706,196	40,602,675	57.75	703,077
2017	14,407,451.69	342,948	368,803	14,759,021	58.64	251,689
2018	11,317,975.20	89,129	95,848	11,788,026	59.55	197,952
	378,631,139.40	84,733,642	91,119,170	306,443,526		6,427,929
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						47.7 1.70

AMEREN MISSOURI

ACCOUNT 354 TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 70-R4						
NET SALVAGE PERCENT.. -40						
1913	575,814.22	802,682	715,355	90,785	0.30	90,785
1925	275,210.51	369,444	329,250	56,045	2.88	19,460
1929	234,290.23	309,733	276,036	51,970	3.90	13,326
1931	615,734.55	807,600	719,737	142,291	4.42	32,193
1950	761,297.93	898,793	801,009	264,808	10.97	24,139
1951	452,293.08	529,364	471,772	161,438	11.48	14,063
1952	169,005.72	196,013	174,688	61,920	12.01	5,156
1953	41,353.78	47,499	42,331	15,564	12.57	1,238
1954	130,895.66	148,828	132,636	50,618	13.15	3,849
1956	80,005.50	88,998	79,316	32,692	14.38	2,273
1957	2,263,430.34	2,488,873	2,218,097	950,705	15.02	63,296
1958	1,016,444.86	1,104,465	984,305	438,718	15.67	27,997
1959	34,643.80	37,186	33,140	15,361	16.33	941
1960	1,666,214.92	1,765,855	1,573,740	758,961	17.01	44,619
1961	346,898.96	362,855	323,378	162,281	17.70	9,168
1962	42,185.60	43,544	38,807	20,253	18.39	1,101
1963	2,181,285.25	2,220,540	1,978,957	1,074,842	19.10	56,274
1964	1,340,664.94	1,345,759	1,199,348	677,583	19.81	34,204
1965	3,439,962.66	3,402,804	3,032,597	1,783,351	20.54	86,823
1966	1,089,649.95	1,061,755	946,242	579,268	21.28	27,221
1967	1,487,235.04	1,426,862	1,271,627	810,502	22.03	36,791
1968	3,311,157.10	3,127,050	2,786,844	1,848,776	22.78	81,158
1969	1,985,493.77	1,844,520	1,643,846	1,135,845	23.55	48,231
1970	3,972,476.56	3,628,468	3,233,710	2,327,757	24.33	95,674
1971	2,265,692.49	2,033,677	1,812,424	1,359,545	25.12	54,122
1972	191,746.40	169,005	150,618	117,827	25.93	4,544
1973	1,686,322.64	1,459,006	1,300,274	1,060,578	26.74	39,663
1974	2,233,294.16	1,895,633	1,689,399	1,437,213	27.56	52,149
1975	248,274.58	206,615	184,136	163,448	28.39	5,757
1976	4,091,713.32	3,336,391	2,973,410	2,754,989	29.23	94,252
1977	283,771.06	226,505	201,862	195,417	30.09	6,494
1978	197,651.25	154,366	137,572	139,140	30.95	4,496
1979	62,468.70	47,701	42,511	44,945	31.82	1,412
1980	2,898,053.88	2,161,960	1,926,751	2,130,524	32.70	65,154
1981	250,957.67	182,746	162,864	188,477	33.59	5,611
1982	1,032,074.37	733,188	653,421	791,483	34.48	22,955
1983	246,870.41	170,884	152,293	193,326	35.39	5,463
1984	4,006.79	2,701	2,407	3,203	36.30	88
1985	14,006,931.33	9,183,028	8,183,965	11,425,739	37.22	306,978
1986	34,709.33	22,117	19,711	28,882	38.14	757
1987	228,470.05	141,332	125,956	193,902	39.07	4,963
1988	122,509.87	73,482	65,488	106,026	40.01	2,650
1989	77,194.07	44,850	39,971	68,101	40.95	1,663

Schedule JJS-D2



AMEREN MISSOURI

ACCOUNT 354 TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 70-R4						
NET SALVAGE PERCENT.. -40						
1990	7,235.67	4,066	3,624	6,506	41.90	155
1991	5,404.61	2,934	2,615	4,951	42.86	116
1992	19,607.14	10,270	9,153	18,297	43.81	418
1993	6,552,115.63	3,304,926	2,945,368	6,227,594	44.78	139,071
1994	297,169.36	144,186	128,499	287,538	45.74	6,286
1995	1,872,635.13	872,262	777,365	1,844,324	46.71	39,485
1996	416,371.92	185,870	165,648	417,273	47.68	8,752
1997	887.32	379	338	904	48.66	19
1999	2,642,778.13	1,024,351	912,907	2,786,982	50.62	55,057
2000	1,049,414.35	386,189	344,174	1,125,006	51.60	21,802
2006	3,176,912.06	791,686	705,555	3,742,122	57.54	65,035
2010	15,087,789.04	2,558,829	2,280,441	18,842,464	61.52	306,282
2011	291,388.75	43,650	38,901	369,043	62.51	5,904
2012	5,029.70	653	582	6,460	63.51	102
2013	41,207.80	4,525	4,033	53,658	64.51	832
2014	132,557.38	11,903	10,608	174,972	65.51	2,671
2016	18,636,474.13	931,712	830,347	25,260,717	67.50	374,233
2017	955,739.84	28,674	25,554	1,312,482	68.50	19,160
2018	7,073,053.30	70,702	63,010	9,839,265	69.50	141,572
	115,940,128.56	60,682,444	54,080,523	108,235,657		2,686,103
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						40.3 2.32

AMEREN MISSOURI

ACCOUNT 355 POLES AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R3						
NET SALVAGE PERCENT.. -100						
1925	1,224.52	2,372	2,232	217	1.88	115
1931	424,874.38	801,738	754,322	95,427	3.39	28,150
1932	35,598.83	66,867	62,912	8,286	3.65	2,270
1933	550.18	1,029	968	132	3.90	34
1935	128.67	238	224	33	4.42	7
1936	176.04	325	306	46	4.67	10
1938	2,076.14	3,793	3,569	583	5.19	112
1939	83.77	152	143	25	5.45	5
1943	484.87	864	813	157	6.52	24
1945	578.02	1,019	959	197	7.09	28
1947	52.89	92	87	19	7.69	2
1949	1,119.49	1,928	1,814	425	8.33	51
1950	78.14	134	126	30	8.67	3
1951	983.58	1,671	1,572	395	9.02	44
1952	421,305.53	710,886	668,843	173,768	9.38	18,525
1953	241,450.83	404,348	380,434	102,468	9.76	10,499
1955	5,635.09	9,287	8,738	2,532	10.56	240
1956	126,637.17	206,925	194,687	58,587	10.98	5,336
1957	721,080.58	1,167,675	1,098,616	343,545	11.42	30,083
1958	11,981.40	19,222	18,085	5,878	11.87	495
1959	31,472.27	49,999	47,042	15,903	12.34	1,289
1960	513,874.16	807,985	760,199	267,549	12.83	20,853
1961	39,282.56	61,110	57,496	21,069	13.33	1,581
1962	17,707.23	27,240	25,629	9,785	13.85	706
1963	435,536.02	662,302	623,132	247,940	14.38	17,242
1964	13,647.17	20,503	19,290	8,004	14.93	536
1965	811,550.43	1,204,065	1,132,854	490,247	15.49	31,649
1966	209,260.64	306,429	288,306	130,215	16.07	8,103
1967	1,562,643.21	2,257,488	2,123,976	1,001,310	16.66	60,103
1968	817,179.73	1,163,942	1,095,104	539,255	17.27	31,225
1969	1,694,861.70	2,379,010	2,238,311	1,151,412	17.89	64,361
1970	1,363,255.17	1,884,482	1,773,030	953,480	18.53	51,456
1971	792,620.16	1,078,487	1,014,703	570,537	19.18	29,746
1972	2,163,376.71	2,896,026	2,724,749	1,602,004	19.84	80,746
1973	2,144,569.91	2,822,983	2,656,026	1,633,114	20.51	79,625
1974	3,678,435.80	4,758,645	4,477,209	2,879,663	21.19	135,897
1975	127,357.65	161,788	152,220	102,495	21.89	4,682
1976	1,599,691.95	1,994,272	1,876,327	1,323,057	22.60	58,542
1977	188,867.62	230,921	217,264	160,471	23.32	6,881
1978	147,897.21	177,231	166,749	129,045	24.05	5,366
1979	3,239,088.09	3,801,588	3,576,755	2,901,421	24.79	117,040
1980	891,522.58	1,024,359	963,776	819,269	25.53	32,090
1981	124,685.27	140,104	131,818	117,553	26.29	4,471

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 355 POLES AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R3						
NET SALVAGE PERCENT.. -100						
1982	1,338,539.37	1,469,716	1,382,794	1,294,285	27.06	47,830
1983	1,031,775.93	1,106,064	1,040,649	1,022,903	27.84	36,742
1984	380,030.22	397,382	373,880	386,180	28.63	13,489
1985	387,344.72	394,836	371,485	403,204	29.42	13,705
1986	3,033,418.69	3,010,183	2,832,155	3,234,682	30.23	107,002
1987	342,534.56	330,662	311,106	373,963	31.04	12,048
1988	3,329,289.12	3,122,873	2,938,180	3,720,398	31.86	116,773
1989	1,685,706.24	1,534,566	1,443,809	1,927,603	32.69	58,966
1990	1,118,154.93	986,593	928,244	1,308,066	33.53	39,012
1991	610,036.85	520,971	490,160	729,914	34.38	21,231
1992	1,558,061.56	1,286,429	1,210,347	1,905,776	35.23	54,095
1993	474,619.31	378,272	355,900	593,339	36.09	16,441
1994	9,291,501.44	7,135,873	6,713,843	11,869,160	36.96	321,135
1995	1,190,216.38	879,165	827,169	1,553,264	37.84	41,048
1996	1,116,546.81	792,011	745,170	1,487,924	38.72	38,428
1997	2,430,766.92	1,652,095	1,554,387	3,307,147	39.61	83,493
1998	696,614.03	452,562	425,797	967,431	40.51	23,881
1999	4,457,307.51	2,762,015	2,598,664	6,315,951	41.41	152,522
2000	7,160,856.49	4,220,179	3,970,589	10,351,124	42.32	244,592
2001	4,300,177.79	2,402,337	2,260,258	6,340,098	43.24	146,626
2002	7,541,420.48	3,981,870	3,746,374	11,336,467	44.16	256,713
2003	8,487,667.06	4,221,256	3,971,603	13,003,731	45.08	288,459
2004	3,837,093.57	1,788,086	1,682,335	5,991,852	46.02	130,201
2005	9,945,269.49	4,322,811	4,067,152	15,823,387	46.96	336,955
2006	19,888,373.27	8,021,776	7,547,353	32,229,394	47.90	672,847
2007	2,196,137.63	816,217	767,944	3,624,331	48.85	74,193
2008	6,204,882.31	2,109,660	1,984,891	10,424,874	49.80	209,335
2009	1,660,333.87	511,947	481,669	2,838,999	50.75	55,941
2010	3,552,249.58	981,629	923,574	6,180,925	51.71	119,531
2011	10,786,274.66	2,631,851	2,476,198	19,096,351	52.68	362,497
2012	9,205,649.31	1,951,598	1,836,177	16,575,122	53.64	309,007
2013	56,676,944.88	10,164,443	9,563,298	103,790,592	54.62	1,900,231
2014	94,791,304.85	13,934,322	13,110,219	176,472,391	55.59	3,174,535
2015	5,188,024.37	594,859	559,678	9,816,371	56.56	173,557
2016	63,357,449.28	5,195,311	4,888,050	121,826,849	57.54	2,117,255
2017	19,619,281.40	968,015	910,764	38,327,799	58.52	654,952
2018	34,458,634.69	563,054	529,754	68,387,515	59.51	1,149,177
	427,934,972.93	130,905,013	123,163,034	732,706,912		14,514,668

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 50.5 3.39



AMEREN MISSOURI

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R4						
NET SALVAGE PERCENT.. -25						
1913	72,441.20	90,552	90,552			
1924	19.44	24	24			
1925	9,634.74	12,043	12,043			
1928	483.93	602	595	10	0.25	10
1929	71,624.08	88,843	87,800	1,730	0.46	1,730
1931	58,668.23	72,309	71,460	1,875	0.84	1,875
1932	414,396.26	509,018	503,043	14,952	1.04	14,377
1933	331.48	406	401	13	1.24	10
1936	868.76	1,051	1,039	47	1.91	25
1938	3,994.52	4,794	4,738	255	2.39	107
1939	1,156.06	1,382	1,366	79	2.63	30
1943	1,202.17	1,411	1,394	109	3.66	30
1944	29.96	35	35	2	3.92	1
1945	8,116.32	9,437	9,326	819	4.19	195
1948	4,221.63	4,836	4,779	498	5.02	99
1949	5,508.43	6,276	6,202	684	5.31	129
1950	173,077.63	196,119	193,817	22,530	5.61	4,016
1951	116,562.64	131,327	129,785	15,918	5.92	2,689
1952	716,478.95	802,456	793,036	102,563	6.24	16,436
1953	574,470.41	639,335	631,830	86,258	6.58	13,109
1955	32,570.59	35,760	35,340	5,373	7.30	736
1956	616,692.81	671,941	664,053	106,813	7.70	13,872
1957	1,769,857.97	1,913,283	1,890,823	321,499	8.11	39,642
1958	194,991.83	209,007	206,554	37,186	8.55	4,349
1959	25,455.56	27,036	26,719	5,100	9.02	565
1960	1,471,598.02	1,547,937	1,529,766	309,732	9.51	32,569
1961	73,553.40	76,572	75,673	16,269	10.03	1,622
1962	234,676.50	241,620	238,784	54,562	10.58	5,157
1963	3,175,542.62	3,231,789	3,193,852	775,576	11.15	69,558
1964	872,513.45	877,061	866,765	223,877	11.75	19,053
1965	2,085,166.44	2,069,085	2,044,796	561,662	12.37	45,405
1966	1,032,319.58	1,010,602	998,739	291,660	13.01	22,418
1967	6,447,554.58	6,223,260	6,150,206	1,909,237	13.67	139,666
1968	7,746,836.46	7,369,178	7,282,672	2,400,874	14.34	167,425
1969	4,828,175.61	4,524,423	4,471,312	1,563,908	15.02	104,122
1970	5,014,612.10	4,625,980	4,571,676	1,696,589	15.72	107,926
1971	3,249,633.99	2,950,383	2,915,749	1,146,293	16.42	69,811
1972	2,143,087.42	1,913,590	1,891,127	787,732	17.14	45,959
1973	3,509,205.27	3,080,073	3,043,917	1,342,590	17.87	75,131
1974	1,710,854.51	1,475,248	1,457,930	680,638	18.61	36,574
1975	91,544.23	77,489	76,579	37,851	19.37	1,954
1976	3,956,242.01	3,286,154	3,247,578	1,697,725	20.13	84,338
1977	212,734.78	173,246	171,212	94,706	20.91	4,529

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R4						
NET SALVAGE PERCENT.. -25						
1978	372,612.37	297,238	293,749	172,016	21.71	7,923
1979	1,357,751.19	1,060,455	1,048,007	649,182	22.51	28,840
1980	690,394.82	527,436	521,245	341,749	23.33	14,648
1981	64,121.65	47,877	47,315	32,837	24.16	1,359
1982	819,398.75	597,475	590,461	433,787	25.00	17,351
1983	233,501.03	166,127	164,177	127,699	25.85	4,940
1984	97,212.90	67,421	66,630	54,886	26.71	2,055
1985	13,568,737.76	9,161,781	9,054,232	7,906,690	27.59	286,578
1986	940,692.07	617,917	610,663	565,202	28.47	19,853
1987	561,605.20	358,494	354,286	347,720	29.36	11,843
1988	363,720.71	225,280	222,635	232,016	30.27	7,665
1989	1,145,328.67	687,670	679,598	752,063	31.18	24,120
1990	994,258.52	577,913	571,129	671,694	32.10	20,925
1991	20,130.90	11,311	11,178	13,986	33.03	423
1992	1,277,330.19	692,952	684,818	911,845	33.96	26,851
1993	4,645,166.56	2,429,016	2,400,502	3,405,956	34.90	97,592
1994	1,069,881.42	538,284	531,965	805,387	35.85	22,465
1995	4,103,981.84	1,983,608	1,960,323	3,169,654	36.80	86,132
1996	125,982.75	58,373	57,688	99,790	37.76	2,643
1997	780,906.29	346,205	342,141	633,992	38.72	16,374
1998	1,736,645.09	734,818	726,192	1,444,614	39.69	36,397
1999	6,946,312.18	2,798,756	2,765,902	5,916,988	40.66	145,524
2000	3,958,998.98	1,514,317	1,496,541	3,452,208	41.64	82,906
2001	2,794,820.94	1,011,970	1,000,091	2,493,435	42.62	58,504
2002	2,633,418.84	899,740	889,178	2,402,596	43.60	55,105
2003	7,691,328.52	2,470,839	2,441,834	7,172,327	44.58	160,887
2004	900,031.31	270,572	267,396	857,643	45.57	18,820
2005	3,086,227.61	864,144	854,000	3,003,785	46.56	64,514
2006	21,970,954.46	5,698,716	5,631,819	21,831,874	47.55	459,135
2007	305,430.86	72,922	72,066	309,723	48.54	6,381
2008	10,537,008.46	2,298,385	2,271,405	10,899,856	49.53	220,066
2009	3,366,881.05	664,959	657,153	3,551,448	50.52	70,298
2010	3,033,071.84	535,830	529,540	3,261,800	51.52	63,311
2011	18,423,122.15	2,874,698	2,840,952	20,187,951	52.51	384,459
2012	1,119,039.03	151,308	149,532	1,249,267	53.51	23,346
2013	5,506,408.01	629,795	622,402	6,260,608	54.51	114,852
2014	15,922,646.60	1,489,365	1,471,881	18,431,427	55.51	332,038
2015	538,986.42	39,299	38,838	634,895	56.50	11,237

AMEREN MISSOURI

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R4						
NET SALVAGE PERCENT.. -25						
2016	46,278,010.95	2,410,506	2,382,209	55,465,305	57.50	964,614
2017	23,205,381.56	725,168	716,655	28,290,072	58.50	483,591
2018	21,298,449.28	221,770	219,167	26,403,895	59.50	443,763
	287,214,596.30	99,013,683	97,852,582	261,165,663		6,047,577
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						43.2 2.11



AMEREN MISSOURI

ACCOUNT 359 ROADS AND TRAILS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 70-R4						
NET SALVAGE PERCENT.. 0						
1931	23.54	22	24			
1932	940.99	878	941			
1933	9.73	9	10			
1934	110.87	103	111			
1945	26,508.37	23,195	26,508			
1953	1,276.00	1,047	1,276			
1957	3,692.63	2,900	3,693			
1961	26,681.00	19,934	26,681			
1966	9,667.84	6,729	9,668			
1970	2,877.03	1,877	23,677	20,800-		
	71,788.00	56,694	92,589	20,801-		

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 0.0 0.00

AMEREN MISSOURI

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R2.5						
NET SALVAGE PERCENT.. -5						
1905	1,288.91	1,353	1,353			
1917	17,353.76	17,429	16,240	1,981	2.61	759
1919	723.67	720	671	89	3.16	28
1926	4,433.60	4,281	3,989	666	4.83	138
1927	659.16	634	591	101	5.05	20
1928	179.61	172	160	29	5.27	6
1929	37,090.80	35,382	32,969	5,976	5.49	1,089
1930	22,216.48	21,111	19,671	3,656	5.70	641
1936	7,045.90	6,526	6,081	1,317	7.07	186
1937	4,619.20	4,259	3,969	881	7.31	121
1938	8,508.37	7,810	7,277	1,657	7.55	219
1939	310.95	284	265	61	7.80	8
1940	7,644.77	6,950	6,476	1,551	8.05	193
1941	5,811.27	5,258	4,899	1,203	8.30	145
1942	287.17	259	241	61	8.56	7
1944	1,166.01	1,038	967	257	9.11	28
1945	3,616.37	3,203	2,985	812	9.39	86
1947	21,813.80	19,095	17,793	5,111	9.98	512
1948	19,222.31	16,722	15,582	4,601	10.29	447
1949	49,551.91	42,820	39,900	12,130	10.62	1,142
1950	1,446.74	1,242	1,157	362	10.95	33
1951	41,152.91	35,073	32,681	10,530	11.30	932
1952	30,424.58	25,738	23,983	7,963	11.66	683
1953	5,861.94	4,921	4,585	1,570	12.03	131
1954	42,928.07	35,744	33,306	11,768	12.42	948
1955	5,285.07	4,364	4,066	1,483	12.82	116
1956	31,564.16	25,834	24,072	9,070	13.23	686
1957	6,949.15	5,635	5,251	2,046	13.66	150
1958	72,528.07	58,245	54,273	21,881	14.11	1,551
1959	107,404.43	85,390	79,566	33,209	14.57	2,279
1960	32,081.05	25,241	23,520	10,165	15.04	676
1961	51,450.75	40,040	37,309	16,714	15.53	1,076
1962	124,768.08	96,005	89,457	41,549	16.03	2,592
1963	64,107.75	48,746	45,421	21,892	16.55	1,323
1964	104,862.50	78,762	73,390	36,716	17.08	2,150
1965	142,570.71	105,737	98,526	51,173	17.62	2,904
1966	25,664.14	18,782	17,501	9,446	18.18	520
1967	104,325.83	75,310	70,174	39,368	18.75	2,100
1968	86,008.76	61,200	57,026	33,283	19.34	1,721
1969	246,806.08	173,066	161,263	97,883	19.93	4,911
1970	116,452.70	80,417	74,932	47,343	20.54	2,305
1971	348,760.58	237,051	220,884	145,315	21.16	6,867
1972	33,425.65	22,351	20,827	14,270	21.79	655

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AMEREN MISSOURI

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R2.5						
NET SALVAGE PERCENT.. -5						
1973	20,812.13	13,680	12,747	9,106	22.44	406
1974	177,346.60	114,553	106,740	79,474	23.09	3,442
1975	265,875.43	168,618	157,118	122,051	23.76	5,137
1976	285,893.72	177,961	165,824	134,364	24.43	5,500
1977	81,503.20	49,764	46,370	39,208	25.11	1,561
1978	38,976.35	23,320	21,730	19,195	25.81	744
1979	1,545.00	905	843	779	26.51	29
1980	92,451.09	53,019	49,403	47,671	27.23	1,751
1981	19,112.68	10,720	9,989	10,079	27.95	361
1982	122,886.91	67,354	62,760	66,271	28.68	2,311
1983	619,975.88	331,782	309,154	341,821	29.42	11,619
1984	37,169.32	19,403	18,080	20,948	30.17	694
1985	57,293.31	29,157	27,168	32,990	30.92	1,067
1986	942,549.62	466,959	435,112	554,565	31.69	17,500
1987	51,135.50	24,645	22,964	30,728	32.46	947
1988	739,809.41	346,453	322,825	453,975	33.24	13,657
1989	439,450.50	199,718	186,097	275,326	34.03	8,091
1990	56,829.67	25,042	23,334	36,337	34.82	1,044
1991	9,339.09	3,983	3,711	6,095	35.63	171
1992	665,761.07	274,496	255,775	443,274	36.44	12,164
1993	1,124,870.42	447,843	417,300	763,814	37.25	20,505
1994	1,238,211.32	474,974	442,580	857,542	38.08	22,519
1995	863,928.09	318,854	297,108	610,016	38.91	15,678
1996	1,079,111.36	382,603	356,509	776,558	39.74	19,541
1997	988,207.38	335,669	312,776	724,842	40.59	17,858
1998	506,336.36	164,456	153,240	378,413	41.44	9,132
1999	484,069.05	149,940	139,714	368,559	42.30	8,713
2000	28,338.54	8,351	7,781	21,974	43.16	509
2001	23,778.80	6,646	6,193	18,775	44.03	426
2002	130,724.95	34,545	32,189	105,072	44.90	2,340
2003	25,800.24	6,420	5,982	21,108	45.78	461
2004	124,540.91	29,053	27,072	103,696	46.67	2,222
2005	16,543.50	3,601	3,355	14,016	47.56	295
2006	314,777.83	63,624	59,285	271,232	48.45	5,598
2007	22,112.85	4,121	3,840	19,378	49.35	393
2008	123,713.21	21,086	19,648	110,251	50.26	2,194
2009	768,975.21	118,829	110,725	696,699	51.17	13,615
2010	79,955.73	11,082	10,326	73,628	52.08	1,414
2011	930,317.77	113,967	106,194	870,640	53.00	16,427
2012	222,977.23	23,724	22,106	212,020	53.92	3,932
2013	68,469.76	6,171	5,750	66,143	54.85	1,206
2014	1,326,281.84	98,178	91,483	1,301,113	55.77	23,330
2015	22,417.23	1,291	1,203	22,335	56.71	394

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AMEREN MISSOURI

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R2.5						
NET SALVAGE PERCENT.. -5						
2016	91,978.24	3,798	3,539	93,038	57.64	1,614
2017	143,236.54	3,560	3,317	147,081	58.58	2,511
2018	51,578.84	424	395	53,763	59.53	903
	17,567,343.40	6,774,542	6,312,603	12,133,108		325,010
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						37.3 1.85

AMEREN MISSOURI

ACCOUNT 362 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R2.5						
NET SALVAGE PERCENT.. -10						
1912	7,741.14	8,335	8,096	419	1.27	330
1917	1,638.84	1,724	1,675	128	2.61	49
1918	2,410.28	2,524	2,452	199	2.89	69
1925	7,497.22	7,613	7,395	852	4.61	185
1926	10,764.56	10,888	10,576	1,265	4.83	262
1927	170.41	172	167	20	5.05	4
1928	1,300.44	1,305	1,268	162	5.27	31
1929	5,253.45	5,250	5,100	679	5.49	124
1930	19,181.87	19,096	18,549	2,551	5.70	448
1931	10,413.99	10,323	10,027	1,428	5.93	241
1932	9,200.99	9,084	8,824	1,297	6.15	211
1933	4,378.56	4,304	4,181	635	6.38	100
1934	2,781.28	2,722	2,644	415	6.61	63
1935	5,637.50	5,494	5,337	864	6.84	126
1936	6,702.20	6,504	6,318	1,054	7.07	149
1937	17,784.42	17,180	16,688	2,875	7.31	393
1938	103,585.93	99,607	96,754	17,191	7.55	2,277
1939	33,957.83	32,498	31,567	5,787	7.80	742
1940	31,236.27	29,750	28,898	5,462	8.05	679
1941	80,643.38	76,437	74,247	14,461	8.30	1,742
1942	41,425.37	39,067	37,948	7,620	8.56	890
1943	18,812.40	17,648	17,142	3,552	8.83	402
1944	1,399.06	1,305	1,268	271	9.11	30
1945	73,605.82	68,295	66,339	14,627	9.39	1,558
1946	8,097.82	7,471	7,257	1,651	9.68	171
1947	91,038.21	83,485	81,093	19,049	9.98	1,909
1948	265,392.77	241,866	234,937	56,995	10.29	5,539
1949	824,714.10	746,614	725,226	181,960	10.62	17,134
1950	491,618.85	442,088	429,424	111,357	10.95	10,170
1951	1,959,478.62	1,749,495	1,699,379	456,047	11.30	40,358
1952	917,390.43	813,025	789,735	219,394	11.66	18,816
1953	472,306.53	415,370	403,471	116,066	12.03	9,648
1954	1,814,947.20	1,583,178	1,537,826	458,616	12.42	36,926
1955	1,068,259.35	924,005	897,536	277,549	12.82	21,650
1956	2,194,289.97	1,881,494	1,827,596	586,123	13.23	44,303
1957	3,384,109.07	2,875,014	2,792,656	929,864	13.66	68,072
1958	1,730,255.17	1,455,686	1,413,986	489,295	14.11	34,677
1959	2,996,270.21	2,495,555	2,424,067	871,830	14.57	59,837
1960	2,686,645.39	2,214,502	2,151,065	804,245	15.04	53,474
1961	2,341,864.55	1,909,292	1,854,598	721,453	15.53	46,455
1962	2,202,871.76	1,775,764	1,724,895	698,264	16.03	43,560
1963	3,461,209.44	2,757,154	2,678,172	1,129,158	16.55	68,227
1964	4,925,792.42	3,875,924	3,764,893	1,653,479	17.08	96,808

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AMEREN MISSOURI

ACCOUNT 362 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R2.5						
NET SALVAGE PERCENT.. -10						
1965	5,320,605.87	4,133,914	4,015,493	1,837,173	17.62	104,266
1966	4,286,708.54	3,286,619	3,192,470	1,522,909	18.18	83,768
1967	7,042,382.34	5,325,802	5,173,238	2,573,383	18.75	137,247
1968	7,169,106.06	5,344,117	5,191,028	2,694,989	19.34	139,348
1969	8,084,738.11	5,939,154	5,769,019	3,124,193	19.93	156,758
1970	7,443,828.88	5,385,141	5,230,877	2,957,335	20.54	143,979
1971	6,278,359.85	4,470,588	4,342,522	2,563,674	21.16	121,157
1972	4,679,801.12	3,278,262	3,184,352	1,963,429	21.79	90,107
1973	4,396,228.20	3,027,243	2,940,524	1,895,327	22.44	84,462
1974	7,393,657.95	5,003,192	4,859,869	3,273,155	23.09	141,756
1975	8,787,441.69	5,838,376	5,671,128	3,995,058	23.76	168,142
1976	6,661,180.89	4,343,843	4,219,408	3,107,891	24.43	127,216
1977	4,313,643.08	2,759,222	2,680,181	2,064,826	25.11	82,231
1978	4,665,389.75	2,924,327	2,840,556	2,291,373	25.81	88,778
1979	7,480,217.15	4,592,756	4,461,191	3,767,048	26.51	142,099
1980	4,130,133.35	2,481,330	2,410,249	2,132,898	27.23	78,329
1981	7,136,494.05	4,193,311	4,073,188	3,776,955	27.95	135,133
1982	7,693,973.90	4,417,880	4,291,324	4,172,047	28.68	145,469
1983	12,235,514.48	6,859,682	6,663,178	6,795,888	29.42	230,996
1984	6,909,005.39	3,778,445	3,670,207	3,929,699	30.17	130,252
1985	3,816,157.08	2,034,535	1,976,253	2,221,520	30.92	71,847
1986	8,800,380.13	4,567,512	4,436,670	5,243,748	31.69	165,470
1987	6,597,409.63	3,331,032	3,235,610	4,021,541	32.46	123,892
1988	15,585,413.92	7,646,204	7,427,169	9,716,786	33.24	292,322
1989	7,115,309.67	3,387,691	3,290,646	4,536,195	34.03	133,300
1990	11,196,401.19	5,168,673	5,020,610	7,295,431	34.82	209,518
1991	12,510,883.23	5,589,700	5,429,576	8,332,396	35.63	233,859
1992	21,356,679.13	9,224,740	8,960,486	14,531,861	36.44	398,789
1993	16,518,207.36	6,889,530	6,692,171	11,477,857	37.25	308,130
1994	24,382,381.88	9,798,377	9,517,690	17,302,930	38.08	454,384
1995	15,753,433.37	6,091,065	5,916,579	11,412,198	38.91	293,297
1996	23,338,808.91	8,668,897	8,420,565	17,252,125	39.74	434,125
1997	19,061,119.06	6,782,899	6,588,594	14,378,637	40.59	354,241
1998	8,005,713.57	2,724,048	2,646,014	6,160,271	41.44	148,655
1999	7,325,187.97	2,377,023	2,308,930	5,748,777	42.30	135,905
2000	6,492,021.39	2,004,327	1,946,910	5,194,314	43.16	120,350
2001	9,040,852.24	2,647,044	2,571,216	7,373,721	44.03	167,470
2002	15,820,684.80	4,379,751	4,254,287	13,148,466	44.90	292,839
2003	24,829,861.54	6,473,145	6,287,714	21,025,134	45.78	459,265
2004	19,712,143.99	4,817,392	4,679,392	17,003,966	46.67	364,345
2005	22,513,774.59	5,134,559	4,987,473	19,777,679	47.56	415,847
2006	32,508,252.75	6,883,623	6,686,433	29,072,645	48.45	600,055
2007	31,379,086.13	6,126,767	5,951,258	28,565,737	49.35	578,840

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AMEREN MISSOURI

ACCOUNT 362 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R2.5						
NET SALVAGE PERCENT.. -10						
2008	26,899,703.91	4,803,292	4,665,696	24,923,978	50.26	495,901
2009	56,524,913.74	9,150,649	8,888,517	53,288,888	51.17	1,041,409
2010	44,581,708.02	6,473,264	6,287,829	42,752,050	52.08	820,892
2011	41,043,475.54	5,267,397	5,116,506	40,031,317	53.00	755,308
2012	83,438,589.76	9,300,316	9,033,896	82,748,553	53.92	1,534,654
2013	26,561,837.86	2,507,783	2,435,944	26,782,078	54.85	488,279
2014	52,179,026.95	4,046,484	3,930,567	53,466,363	55.77	958,694
2015	21,737,110.01	1,311,030	1,273,474	22,637,347	56.71	399,177
2016	76,737,365.19	3,319,889	3,224,787	81,186,315	57.64	1,408,507
2017	39,832,536.58	1,037,120	1,007,410	42,808,380	58.58	730,768
2018	42,669,980.59	367,517	356,989	46,579,990	59.53	782,462
	1,042,308,897.40	286,440,586	278,235,135	868,304,652		19,393,128
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						44.8 1.86

AMEREN MISSOURI

ACCOUNT 364 POLES AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 50-R2.5						
NET SALVAGE PERCENT.. -150						
1913	56,651.35	141,628	141,628			
1915	279.27	698	698			
1924	37.62	94	94			
1925	12,352.56	30,881	30,881			
1928	375.16	926	938			
1930	5,386.74	13,162	13,467			
1931	2,451.56	5,959	6,129			
1932	55.28	134	138			
1933	2,258.56	5,428	5,646			
1934	3,326.43	7,950	8,316			
1935	539.56	1,282	1,349			
1936	4,046.60	9,560	10,116			
1937	72,649.01	170,689	181,623			
1938	14,454.79	33,788	36,137			
1939	9,021.06	20,978	22,553			
1940	7,220.62	16,709	18,052			
1941	7,784.08	17,927	19,460			
1942	13,380.81	30,669	33,452			
1943	9,937.00	22,671	24,842			
1944	34,984.81	79,433	87,462			
1945	12,568.44	28,398	31,421			
1946	26,476.01	59,531	66,190			
1947	80,008.14	178,978	200,020			
1948	55,048.40	122,510	137,621			
1949	32,073.14	71,010	80,183			
1950	230,067.37	506,723	575,168			
1951	674,631.51	1,477,780	1,683,203	3,376	6.19	545
1952	55,553.64	120,996	137,815	1,069	6.44	166
1953	39,196.99	84,881	96,680	1,312	6.69	196
1954	37,608.66	80,971	92,227	1,795	6.94	259
1955	279,996.71	599,193	682,485	17,507	7.20	2,432
1956	554,928.99	1,180,056	1,344,093	43,229	7.47	5,787
1957	727,460.61	1,536,761	1,750,382	68,270	7.75	8,809
1958	1,317,528.53	2,764,175	3,148,416	145,405	8.04	18,085
1959	1,647,430.71	3,431,598	3,908,616	209,961	8.34	25,175
1960	1,951,951.98	4,034,685	4,595,537	284,343	8.66	32,834
1961	2,042,281.37	4,187,698	4,769,820	335,883	8.99	37,362
1962	2,543,791.65	5,172,800	5,891,858	467,621	9.33	50,120
1963	2,873,533.15	5,793,043	6,598,320	585,513	9.68	60,487
1964	3,493,672.97	6,976,865	7,946,702	787,480	10.06	78,278
1965	3,165,350.63	6,259,481	7,129,596	783,781	10.45	75,003
1966	1,975,901.74	3,867,828	4,405,485	534,269	10.85	49,241
1967	2,822,524.99	5,464,408	6,224,002	832,310	11.28	73,786

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AMEREN MISSOURI

ACCOUNT 364 POLES AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 50-R2.5						
NET SALVAGE PERCENT.. -150						
1968	2,745,244.74	5,254,398	5,984,799	878,313	11.72	74,941
1969	5,685,453.08	10,751,192	12,245,689	1,967,944	12.18	161,572
1970	4,748,025.11	8,864,563	10,096,804	1,773,259	12.66	140,068
1971	4,515,512.58	8,319,832	9,476,351	1,812,430	13.15	137,827
1972	5,279,292.42	9,592,474	10,925,900	2,272,331	13.66	166,349
1973	4,361,201.40	7,808,731	8,894,204	2,008,800	14.19	141,564
1974	4,936,600.12	8,705,694	9,915,851	2,425,649	14.73	164,674
1975	5,023,088.62	8,717,570	9,929,378	2,628,344	15.29	171,900
1976	6,239,453.30	10,647,627	12,127,728	3,470,905	15.87	218,709
1977	6,943,351.64	11,644,001	13,262,605	4,095,774	16.46	248,832
1978	7,413,233.83	12,205,890	13,902,601	4,630,484	17.07	271,264
1979	10,253,946.64	16,565,251	18,867,946	6,766,921	17.69	382,528
1980	12,244,988.96	19,396,063	22,092,262	8,520,210	18.32	465,077
1981	10,275,554.38	15,942,523	18,158,654	7,530,232	18.97	396,955
1982	11,119,786.19	16,885,395	19,232,592	8,566,873	19.63	436,417
1983	13,661,889.45	20,287,906	23,108,078	11,046,646	20.30	544,170
1984	15,880,668.30	23,034,909	26,236,935	13,464,736	20.99	641,483
1985	14,355,776.83	20,327,780	23,153,495	12,735,947	21.68	587,451
1986	16,051,658.28	22,159,314	25,239,626	14,889,520	22.39	665,008
1987	16,136,435.36	21,695,437	24,711,267	15,629,821	23.11	676,323
1988	18,629,953.00	24,367,979	27,755,312	18,819,570	23.84	789,411
1989	19,736,160.01	25,084,659	28,571,616	20,768,784	24.58	844,946
1990	19,245,017.92	23,738,730	27,038,593	21,073,952	25.33	831,976
1991	16,763,188.91	20,040,392	22,826,158	19,081,814	26.09	731,384
1992	24,928,268.67	28,842,007	32,851,264	29,469,408	26.86	1,097,148
1993	14,064,880.26	15,731,569	17,918,376	17,243,825	27.63	624,098
1994	20,240,267.58	21,839,249	24,875,070	25,725,599	28.42	905,193
1995	20,392,473.56	21,187,780	24,133,042	26,848,142	29.22	918,828
1996	20,095,535.12	20,075,440	22,866,078	27,372,760	30.02	911,817
1997	24,378,770.40	23,354,862	26,601,364	34,345,562	30.84	1,113,669
1998	18,050,205.67	16,552,039	18,852,897	26,272,617	31.66	829,836
1999	19,553,647.03	17,119,218	19,498,919	29,385,199	32.49	904,438
2000	19,704,323.27	16,423,553	18,706,551	30,554,257	33.33	916,719
2001	22,713,754.01	17,966,579	20,464,069	36,320,316	34.18	1,062,619
2002	22,862,385.92	17,112,496	19,491,262	37,664,703	35.03	1,075,213
2003	20,881,101.65	14,731,617	16,779,423	35,423,331	35.89	986,997
2004	23,616,900.38	15,634,388	17,807,686	41,234,565	36.76	1,121,724
2005	28,345,990.60	17,517,822	19,952,932	50,912,044	37.64	1,352,605
2006	48,121,367.54	27,621,665	31,461,285	88,842,134	38.52	2,306,390
2007	26,718,646.99	14,147,524	16,114,137	50,682,480	39.41	1,286,031
2008	57,670,927.42	27,970,400	31,858,497	112,318,822	40.30	2,787,068
2009	77,436,159.40	34,071,910	38,808,163	154,782,236	41.20	3,756,850
2010	34,856,663.27	13,750,954	15,662,440	71,479,218	42.11	1,697,440

Schedule JJS-D2



AMEREN MISSOURI

ACCOUNT 364 POLES AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 50-R2.5						
NET SALVAGE PERCENT.. -150						
2011	37,326,141.10	13,026,823	14,837,650	78,477,703	43.02	1,824,214
2012	32,916,358.61	9,990,115	11,378,816	70,912,081	43.93	1,614,206
2013	46,424,312.47	11,931,048	13,589,554	102,471,227	44.86	2,284,245
2014	36,454,141.18	7,691,824	8,761,046	82,374,307	45.78	1,799,351
2015	40,408,559.07	6,647,208	7,571,220	93,450,178	46.71	2,000,646
2016	50,981,174.34	5,990,288	6,822,983	120,629,953	47.65	2,531,583
2017	43,395,817.53	3,059,405	3,484,686	105,004,858	48.59	2,161,038
2018	38,819,326.83	912,254	1,039,064	96,009,253	49.53	1,938,406
	1,150,500,360.14	867,549,282	988,081,739	1,888,169,161		52,217,766
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						36.2 4.54

AMEREN MISSOURI

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 50-R1						
NET SALVAGE PERCENT.. -50						
1913	1,433.15	2,150	2,150			
1918	1,138.58	1,708	1,708			
1919	8,520.36	12,686	12,781			
1920	396.80	587	595			
1921	20.52	30	31			
1922	1,241.25	1,812	1,848	14	1.33	11
1923	3,845.27	5,576	5,688	80	1.66	48
1924	139.43	201	205	4	2.00	2
1925	6,066.98	8,675	8,849	251	2.34	107
1926	1,846.46	2,622	2,675	95	2.67	36
1927	1,997.89	2,818	2,874	123	2.98	41
1928	770.82	1,080	1,102	54	3.29	16
1929	787.25	1,096	1,118	63	3.59	18
1930	334.62	463	472	30	3.89	8
1931	26,235.96	36,064	36,787	2,567	4.18	614
1932	12,060.41	16,470	16,800	1,291	4.48	288
1933	4,834.05	6,558	6,689	562	4.78	118
1934	10,909.99	14,702	14,997	1,368	5.08	269
1935	13,702.17	18,342	18,710	1,843	5.38	343
1936	103,652.33	137,785	140,546	14,932	5.69	2,624
1937	307,263.18	405,587	413,714	47,181	6.00	7,864
1938	261,128.70	342,261	349,120	42,573	6.31	6,747
1939	114,339.94	148,768	151,749	19,761	6.63	2,981
1940	213,567.16	275,822	281,349	39,002	6.95	5,612
1941	178,147.50	228,314	232,889	34,332	7.28	4,716
1942	204,075.19	259,522	264,723	41,390	7.61	5,439
1943	66,067.95	83,345	85,015	14,087	7.95	1,772
1944	131,185.20	164,152	167,441	29,337	8.29	3,539
1945	95,924.70	119,023	121,408	22,479	8.64	2,602
1946	255,102.61	313,853	320,142	62,512	8.99	6,954
1947	436,580.89	532,410	543,079	111,792	9.35	11,956
1948	931,978.99	1,126,483	1,149,056	248,912	9.71	25,635
1949	1,001,635.01	1,199,558	1,223,596	278,857	10.08	27,664
1950	1,288,780.11	1,529,138	1,559,780	373,390	10.45	35,731
1951	1,775,316.92	2,086,708	2,128,523	534,452	10.82	49,395
1952	1,450,380.62	1,687,808	1,721,630	453,941	11.21	40,494
1953	1,570,366.89	1,809,534	1,845,795	509,755	11.59	43,982
1954	1,958,908.36	2,233,743	2,278,505	659,858	11.99	55,034
1955	3,276,898.18	3,697,324	3,771,414	1,143,933	12.39	92,327
1956	3,634,247.78	4,056,911	4,138,207	1,313,165	12.79	102,671
1957	2,967,775.32	3,276,424	3,342,080	1,109,583	13.20	84,059
1958	2,737,853.33	2,988,093	3,047,971	1,058,809	13.62	77,739
1959	2,798,676.23	3,019,212	3,079,713	1,118,301	14.04	79,651

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 50-R1						
NET SALVAGE PERCENT.. -50						
1960	2,652,030.67	2,826,799	2,883,445	1,094,601	14.47	75,646
1961	2,801,418.46	2,949,894	3,009,006	1,193,122	14.90	80,075
1962	2,775,339.64	2,885,798	2,943,626	1,219,383	15.34	79,490
1963	2,370,575.06	2,432,921	2,481,674	1,074,189	15.79	68,030
1964	3,341,626.05	3,384,399	3,452,218	1,560,221	16.24	96,073
1965	4,452,946.30	4,448,493	4,537,635	2,141,784	16.70	128,251
1966	5,297,674.08	5,217,679	5,322,235	2,624,276	17.17	152,841
1967	4,508,691.18	4,377,037	4,464,748	2,298,289	17.64	130,288
1968	5,446,680.15	5,209,205	5,313,591	2,856,429	18.12	157,640
1969	5,834,071.88	5,493,945	5,604,037	3,147,071	18.61	169,106
1970	5,388,769.30	4,995,389	5,095,491	2,987,663	19.10	156,422
1971	5,882,194.28	5,364,561	5,472,060	3,351,231	19.60	170,981
1972	5,901,885.44	5,292,221	5,398,271	3,454,557	20.11	171,783
1973	6,918,737.48	6,098,175	6,220,375	4,157,731	20.62	201,636
1974	7,307,576.62	6,326,900	6,453,684	4,507,681	21.14	213,230
1975	5,767,259.07	4,901,593	4,999,815	3,651,074	21.67	168,485
1976	6,928,870.65	5,778,678	5,894,476	4,498,830	22.20	202,650
1977	6,805,684.10	5,565,688	5,677,218	4,531,308	22.74	199,266
1978	8,155,443.54	6,534,957	6,665,910	5,567,255	23.29	239,041
1979	8,621,035.41	6,763,202	6,898,728	6,032,825	23.85	252,949
1980	10,280,926.33	7,892,667	8,050,827	7,370,562	24.41	301,948
1981	9,115,921.49	6,842,411	6,979,525	6,694,357	24.98	267,989
1982	9,775,700.84	7,170,477	7,314,165	7,349,386	25.55	287,647
1983	10,621,394.82	7,602,794	7,755,145	8,176,947	26.14	312,814
1984	10,740,744.44	7,498,114	7,648,367	8,462,750	26.73	316,601
1985	11,424,640.97	7,773,326	7,929,094	9,207,867	27.32	337,038
1986	15,163,163.42	10,039,531	10,240,711	12,504,034	27.93	447,692
1987	14,797,664.17	9,531,175	9,722,168	12,474,328	28.53	437,235
1988	17,899,407.77	11,196,080	11,420,436	15,428,676	29.15	529,286
1989	18,782,839.03	11,399,305	11,627,733	16,546,526	29.77	555,812
1990	16,375,546.22	9,628,821	9,821,771	14,741,548	30.40	484,919
1991	15,628,917.28	8,894,417	9,072,651	14,370,725	31.03	463,124
1992	21,210,407.38	11,663,603	11,897,328	19,918,283	31.67	628,932
1993	15,783,635.38	8,376,375	8,544,228	15,131,225	32.31	468,314
1994	18,352,227.38	9,381,659	9,569,656	17,958,685	32.96	544,863
1995	23,033,157.54	11,325,404	11,552,352	22,997,384	33.61	684,242
1996	21,153,662.42	9,982,413	10,182,449	21,548,045	34.27	628,773
1997	26,378,197.22	11,925,583	12,164,557	27,402,739	34.93	784,504
1998	18,166,236.14	7,847,814	8,005,075	19,244,279	35.60	540,570
1999	16,945,718.12	6,985,025	7,124,997	18,293,580	36.26	504,511
2000	21,350,721.49	8,365,213	8,532,842	23,493,240	36.94	635,984
2001	25,156,581.34	9,350,701	9,538,078	28,196,794	37.61	749,715
2002	24,185,458.54	8,496,352	8,666,609	27,611,579	38.29	721,117

Schedule JJS-D2



AMEREN MISSOURI

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 50-R1						
NET SALVAGE PERCENT.. -50						
2003	27,487,489.70	9,087,364	9,269,464	31,961,771	38.98	819,953
2004	28,396,155.06	8,808,487	8,984,998	33,609,235	39.66	847,434
2005	31,053,638.43	8,990,028	9,170,177	37,410,281	40.35	927,145
2006	56,356,681.51	15,148,676	15,452,237	69,082,785	41.04	1,683,304
2007	30,513,380.59	7,561,216	7,712,734	38,057,337	41.74	911,771
2008	87,202,125.01	19,803,603	20,200,444	110,602,744	42.43	2,606,711
2009	73,820,187.40	15,214,341	15,519,218	95,211,063	43.13	2,207,537
2010	52,833,487.94	9,763,629	9,959,280	69,290,952	43.84	1,580,542
2011	53,514,323.04	8,749,592	8,924,923	71,346,562	44.55	1,601,494
2012	43,021,845.89	6,117,706	6,240,298	58,292,471	45.26	1,287,947
2013	51,583,459.18	6,220,965	6,345,626	71,029,563	45.98	1,544,793
2014	44,251,230.77	4,380,872	4,468,659	61,908,187	46.70	1,325,657
2015	44,606,502.43	3,439,161	3,508,078	63,401,676	47.43	1,336,742
2016	49,960,308.73	2,757,809	2,813,072	72,127,391	48.16	1,497,662
2017	49,077,886.95	1,634,294	1,667,043	71,949,787	48.89	1,471,667
2018	47,739,443.42	529,908	540,527	71,068,638	49.63	1,431,969
	1,298,755,660.19	466,079,863	475,419,309	1,472,714,181		38,608,948
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						38.1 2.97

AMEREN MISSOURI

ACCOUNT 366 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 70-R3						
NET SALVAGE PERCENT.. -50						
1915	2,214,158.22	3,150,891	2,669,747	651,490	3.59	181,474
1916	89,236.42	126,493	107,177	26,678	3.85	6,929
1917	119,974.38	169,396	143,529	36,433	4.11	8,864
1918	2,053.89	2,889	2,448	633	4.36	145
1919	1,686.93	2,363	2,002	528	4.62	114
1920	6,979.49	9,741	8,254	2,215	4.87	455
1921	9,206.61	12,798	10,844	2,966	5.13	578
1922	5,338.95	7,392	6,263	1,745	5.39	324
1923	7,134.48	9,838	8,336	2,366	5.65	419
1924	10,611.82	14,574	12,349	3,569	5.91	604
1925	42,408.74	58,015	49,156	14,457	6.16	2,347
1926	39,824.69	54,250	45,966	13,771	6.43	2,142
1927	135,161.51	183,366	155,366	47,376	6.69	7,082
1928	419,300.27	566,502	479,997	148,953	6.95	21,432
1929	567,990.87	764,112	647,431	204,555	7.22	28,332
1930	155,115.96	207,778	176,050	56,624	7.49	7,560
1931	198,640.82	264,888	224,439	73,522	7.77	9,462
1932	53,751.17	71,355	60,459	20,168	8.05	2,505
1933	33,268.65	43,958	37,246	12,657	8.34	1,518
1934	15,942.50	20,962	17,761	6,153	8.64	712
1935	26,942.54	35,253	29,870	10,544	8.94	1,179
1936	188,655.29	245,547	208,052	74,931	9.26	8,092
1937	265,016.28	343,119	290,724	106,800	9.58	11,148
1938	114,482.50	147,413	124,903	46,821	9.91	4,725
1939	217,791.51	278,850	236,269	90,418	10.25	8,821
1940	118,405.07	150,688	127,678	49,930	10.61	4,706
1941	357,245.99	451,893	382,889	152,980	10.97	13,945
1942	203,937.01	256,306	217,168	88,738	11.35	7,818
1943	42,461.58	53,011	44,916	18,776	11.74	1,599
1944	38,143.27	47,284	40,064	17,151	12.15	1,412
1945	30,046.89	36,983	31,336	13,734	12.56	1,093
1946	84,317.44	103,006	87,277	39,199	12.99	3,018
1947	350,133.44	424,435	359,623	165,577	13.43	12,329
1948	247,745.17	297,878	252,392	119,226	13.89	8,584
1949	359,962.06	429,179	363,643	176,300	14.36	12,277
1950	193,362.86	228,555	193,654	96,390	14.84	6,495
1951	434,133.80	508,497	430,849	220,352	15.34	14,365
1952	236,240.29	274,123	232,264	122,096	15.85	7,703
1953	127,676.73	146,727	124,322	67,193	16.37	4,105
1954	263,276.71	299,515	253,779	141,136	16.91	8,346
1955	439,073.32	494,333	418,848	239,762	17.46	13,732
1956	758,002.02	844,145	715,243	421,760	18.03	23,392
1957	557,371.46	613,908	520,164	315,893	18.60	16,983

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 366 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 70-R3						
NET SALVAGE PERCENT.. -50						
1958	745,150.34	811,312	687,424	430,302	19.19	22,423
1959	684,710.03	736,703	624,208	402,857	19.79	20,357
1960	852,608.96	906,021	767,671	511,242	20.41	25,049
1961	795,973.67	835,259	707,714	486,247	21.03	23,122
1962	975,431.12	1,010,200	855,942	607,205	21.67	28,021
1963	1,022,557.59	1,044,757	885,222	648,614	22.32	29,060
1964	1,406,453.38	1,417,093	1,200,702	908,978	22.98	39,555
1965	1,613,695.78	1,602,739	1,357,999	1,062,545	23.65	44,928
1966	993,672.67	972,453	823,959	666,550	24.33	27,396
1967	1,203,049.94	1,159,566	982,499	822,076	25.02	32,857
1968	2,054,155.87	1,949,096	1,651,467	1,429,767	25.72	55,590
1969	887,860.32	828,946	702,365	629,425	26.43	23,815
1970	1,348,979.78	1,238,950	1,049,761	973,709	27.14	35,877
1971	1,005,805.96	908,032	769,375	739,334	27.87	26,528
1972	1,020,807.12	905,390	767,136	764,075	28.61	26,707
1973	488,215.85	425,268	360,329	371,995	29.35	12,674
1974	2,095,987.57	1,791,629	1,518,046	1,625,935	30.11	54,000
1975	971,898.84	814,937	690,495	767,353	30.87	24,858
1976	574,514.74	472,251	400,138	461,634	31.64	14,590
1977	1,288,924.05	1,037,958	879,461	1,053,925	32.42	32,508
1978	574,163.23	452,765	383,627	477,618	33.20	14,386
1979	608,008.23	469,167	397,525	514,487	33.99	15,136
1980	637,085.80	480,681	407,281	548,348	34.79	15,762
1981	876,803.98	646,332	547,636	767,570	35.60	21,561
1982	882,693.69	635,155	538,166	785,875	36.42	21,578
1983	415,971.71	292,012	247,421	376,537	37.24	10,111
1984	3,919,700.34	2,681,898	2,272,370	3,607,181	38.07	94,751
1985	2,024,806.10	1,348,946	1,142,961	1,894,248	38.91	48,683
1986	4,790,836.33	3,105,468	2,631,260	4,554,994	39.75	114,591
1987	2,421,054.88	1,525,265	1,292,356	2,339,226	40.60	57,616
1988	5,571,795.79	3,407,515	2,887,184	5,470,510	41.46	131,947
1989	3,603,109.60	2,137,166	1,810,819	3,593,845	42.32	84,921
1990	4,250,756.98	2,442,060	2,069,155	4,306,980	43.19	99,722
1991	3,777,077.22	2,098,714	1,778,238	3,887,378	44.07	88,209
1992	5,972,778.68	3,206,128	2,716,549	6,242,619	44.95	138,879
1993	4,576,461.07	2,369,280	2,007,489	4,857,203	45.84	105,960
1994	3,741,642.67	1,865,751	1,580,849	4,031,615	46.73	86,275
1995	7,172,537.73	3,438,192	2,913,177	7,845,630	47.63	164,720
1996	4,974,683.70	2,287,633	1,938,309	5,523,717	48.54	113,797
1997	10,329,197.09	4,548,514	3,853,952	11,639,844	49.45	235,386
1998	6,862,932.22	2,888,299	2,447,253	7,847,145	50.36	155,821
1999	5,259,571.20	2,108,746	1,786,738	6,102,619	51.29	118,983
2000	6,562,801.46	2,501,806	2,119,778	7,724,424	52.21	147,949

Schedule JJS-D2



AMEREN MISSOURI

ACCOUNT 366 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 70-R3						
NET SALVAGE PERCENT.. -50						
2001	6,027,600.94	2,177,712	1,845,173	7,196,228	53.14	135,420
2002	5,574,169.55	1,901,600	1,611,224	6,750,030	54.08	124,816
2003	9,114,218.26	2,925,664	2,478,912	11,192,415	55.02	203,424
2004	10,220,719.54	3,074,955	2,605,407	12,725,672	55.96	227,407
2005	18,807,005.82	5,275,365	4,469,812	23,740,697	56.91	417,162
2006	10,798,881.77	2,809,275	2,380,296	13,818,027	57.86	238,818
2007	9,173,852.10	2,199,798	1,863,887	11,896,891	58.81	202,294
2008	36,337,714.45	7,965,590	6,749,237	47,757,335	59.77	799,018
2009	35,594,676.17	7,070,704	5,991,001	47,401,013	60.73	780,521
2010	11,860,312.23	2,109,416	1,787,306	16,003,162	61.70	259,371
2011	13,380,982.09	2,101,684	1,780,755	18,290,718	62.67	291,858
2012	18,966,092.31	2,584,889	2,190,174	26,258,964	63.64	412,617
2013	19,734,790.76	2,279,368	1,931,306	27,670,880	64.61	428,275
2014	39,267,421.41	3,710,771	3,144,133	55,756,999	65.59	850,084
2015	29,384,355.53	2,165,921	1,835,183	42,241,350	66.56	634,636
2016	38,059,160.98	2,006,098	1,699,765	55,388,976	67.54	820,091
2017	29,720,357.68	942,433	798,522	43,782,015	68.52	638,967
2018	31,001,310.98	325,514	275,808	46,226,158	69.51	665,029
	494,642,755.45	133,885,019	113,440,654	628,523,479		11,295,332

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 55.6 2.28

AMEREN MISSOURI

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 57-R2						
NET SALVAGE PERCENT.. -40						
1915	23,739.14	32,885	29,981	3,254	0.60	3,254
1917	38,355.26	52,633	47,984	5,713	1.13	5,056
1918	284.96	389	355	44	1.38	32
1919	1,259.88	1,713	1,562	202	1.64	123
1920	4,367.54	5,909	5,387	728	1.92	379
1921	696.23	937	854	121	2.19	55
1922	865.43	1,159	1,057	155	2.46	63
1923	4,625.50	6,164	5,620	856	2.74	312
1924	6,809.20	9,028	8,231	1,302	3.02	431
1925	26,531.92	34,994	31,903	5,242	3.30	1,588
1926	13,966.40	18,325	16,707	2,846	3.58	795
1927	15,060.53	19,653	17,917	3,168	3.87	819
1928	21,711.32	28,178	25,689	4,707	4.16	1,131
1929	19,987.07	25,797	23,519	4,463	4.45	1,003
1930	108,679.74	139,499	127,178	24,974	4.74	5,269
1931	21,985.29	28,063	25,584	5,195	5.03	1,033
1932	35,335.19	44,852	40,891	8,578	5.32	1,612
1933	18,450.62	23,289	21,232	4,599	5.61	820
1934	13,856.69	17,391	15,855	3,544	5.90	601
1935	8,573.51	10,699	9,754	2,249	6.19	363
1936	15,627.93	19,392	17,679	4,200	6.48	648
1937	81,212.27	100,173	91,326	22,371	6.78	3,300
1938	28,564.92	35,030	31,936	8,055	7.07	1,139
1939	92,516.65	112,776	102,815	26,708	7.37	3,624
1940	138,995.27	168,409	153,535	41,058	7.67	5,353
1941	94,494.79	113,772	103,723	28,570	7.98	3,580
1942	105,488.49	126,205	115,058	32,626	8.29	3,936
1943	24,007.01	28,539	26,018	7,592	8.60	883
1944	58,224.21	68,758	62,685	18,829	8.92	2,111
1945	20,248.15	23,752	21,654	6,693	9.24	724
1946	61,879.61	72,087	65,720	20,911	9.57	2,185
1947	264,424.18	305,832	278,820	91,374	9.91	9,220
1948	145,732.68	167,338	152,558	51,468	10.25	5,021
1949	117,964.28	134,439	122,565	42,585	10.60	4,017
1950	264,204.24	298,764	272,377	97,509	10.96	8,897
1951	189,967.87	213,091	194,270	71,685	11.33	6,327
1952	195,991.78	218,018	198,762	75,626	11.71	6,458
1953	292,351.13	322,477	293,995	115,297	12.09	9,537
1954	179,218.85	195,928	178,623	72,283	12.49	5,787
1955	410,900.72	445,171	405,853	169,408	12.89	13,143
1956	976,640.00	1,048,019	955,456	411,840	13.31	30,942
1957	847,444.61	900,637	821,091	365,331	13.73	26,608
1958	607,681.18	639,256	582,796	267,958	14.17	18,910

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 57-R2						
NET SALVAGE PERCENT.. -40						
1959	566,882.37	590,211	538,083	255,552	14.61	17,492
1960	783,750.17	807,148	735,859	361,391	15.07	23,981
1961	727,305.56	740,801	675,372	342,856	15.53	22,077
1962	744,020.63	749,056	682,898	358,731	16.01	22,407
1963	931,513.70	926,838	844,978	459,141	16.49	27,844
1964	1,182,298.64	1,161,847	1,059,231	595,987	16.99	35,079
1965	1,292,134.98	1,253,593	1,142,874	666,115	17.50	38,064
1966	1,161,264.60	1,112,092	1,013,870	611,900	18.01	33,976
1967	1,226,869.80	1,158,945	1,056,585	661,033	18.54	35,654
1968	1,984,777.40	1,848,550	1,685,283	1,093,405	19.08	57,306
1969	1,379,495.39	1,266,175	1,154,344	776,950	19.63	39,580
1970	1,840,189.91	1,663,727	1,516,784	1,059,482	20.19	52,476
1971	2,636,369.77	2,346,649	2,139,389	1,551,529	20.76	74,736
1972	3,229,495.79	2,828,567	2,578,743	1,942,551	21.34	91,029
1973	3,679,146.53	3,170,012	2,890,031	2,260,774	21.92	103,138
1974	3,145,758.33	2,664,061	2,428,767	1,975,295	22.52	87,713
1975	8,248,610.49	6,861,970	6,255,910	5,292,145	23.13	228,800
1976	2,384,343.75	1,947,203	1,775,223	1,562,858	23.75	65,805
1977	6,260,076.09	5,015,523	4,572,544	4,191,563	24.38	171,926
1978	7,461,400.94	5,862,587	5,344,794	5,101,167	25.01	203,965
1979	7,986,204.43	6,147,365	5,604,420	5,576,266	25.66	217,314
1980	3,057,528.88	2,304,729	2,101,172	2,179,368	26.31	82,834
1981	5,864,979.12	4,325,868	3,943,800	4,267,171	26.97	158,219
1982	5,333,794.20	3,844,994	3,505,398	3,961,914	27.65	143,288
1983	5,979,807.57	4,210,813	3,838,907	4,532,824	28.33	160,001
1984	6,199,182.23	4,260,276	3,884,001	4,794,854	29.02	165,226
1985	9,526,496.15	6,385,401	5,821,432	7,515,663	29.71	252,967
1986	11,266,070.43	7,355,032	6,705,424	9,067,075	30.42	298,063
1987	12,119,588.03	7,700,835	7,020,685	9,946,738	31.13	319,523
1988	13,555,378.99	8,373,456	7,633,899	11,343,632	31.85	356,158
1989	14,093,238.30	8,452,955	7,706,376	12,024,158	32.58	369,066
1990	13,244,148.37	7,703,009	7,022,667	11,519,141	33.32	345,713
1991	11,981,185.33	6,750,727	6,154,492	10,619,167	34.06	311,778
1992	13,966,149.39	7,611,831	6,939,542	12,613,067	34.81	362,340
1993	15,486,400.37	8,151,174	7,431,249	14,249,712	35.57	400,610
1994	17,869,025.54	9,067,530	8,266,671	16,749,965	36.34	460,924
1995	17,442,042.17	8,520,961	7,768,376	16,650,483	37.11	448,679
1996	18,361,302.84	8,618,135	7,856,967	17,848,857	37.89	471,070
1997	22,255,932.46	10,019,888	9,134,915	22,023,390	38.67	569,521
1998	17,260,535.20	7,431,627	6,775,254	17,389,495	39.47	440,575
1999	15,915,544.42	6,539,920	5,962,304	16,319,458	40.27	405,251
2000	15,059,208.59	5,892,036	5,371,642	15,711,250	41.07	382,548
2001	13,884,761.56	5,156,301	4,700,888	14,737,778	41.88	351,905

Schedule JJS-D2



AMEREN MISSOURI

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 57-R2						
NET SALVAGE PERCENT.. -40						
2002	12,918,617.96	4,537,432	4,136,679	13,949,386	42.70	326,684
2003	16,865,022.78	5,579,759	5,086,945	18,524,087	43.53	425,548
2004	15,773,664.31	4,896,934	4,464,429	17,618,701	44.36	397,175
2005	22,857,868.84	6,630,291	6,044,693	25,956,323	45.19	574,382
2006	26,119,683.60	7,031,210	6,410,202	30,157,355	46.04	655,025
2007	13,632,889.59	3,388,537	3,089,256	15,996,789	46.88	341,228
2008	45,370,741.35	10,319,303	9,407,885	54,111,153	47.74	1,133,455
2009	39,584,903.57	8,176,499	7,454,337	47,964,528	48.59	987,128
2010	20,083,630.62	3,719,328	3,390,831	24,726,252	49.46	499,924
2011	23,449,591.12	3,841,700	3,502,395	29,327,033	50.33	582,695
2012	30,149,993.82	4,294,867	3,915,537	38,294,454	51.20	747,939
2013	21,117,383.44	2,551,994	2,326,598	27,237,739	52.08	522,998
2014	34,189,346.35	3,392,677	3,093,030	44,772,055	52.96	845,394
2015	28,852,794.99	2,232,168	2,035,019	38,358,894	53.85	712,329
2016	37,679,228.25	2,082,079	1,898,186	50,852,734	54.75	928,817
2017	40,294,819.61	1,346,008	1,227,126	55,185,621	55.64	991,834
2018	44,631,129.65	492,995	449,453	62,034,129	56.55	1,096,978
	817,744,441.50	279,573,619	254,881,219	889,960,999		20,873,243
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						42.6 2.55

AMEREN MISSOURI

ACCOUNT 368 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 42-R2.5						
NET SALVAGE PERCENT.. +5						
1900	215.45	205	205			
1901	179.92	171	171			
1902	303.18	288	288			
1903	540.83	514	514			
1904	650.79	618	618			
1905	907.32	862	862			
1906	1,288.24	1,224	1,224			
1907	342.05	325	325			
1908	320.94	305	305			
1909	2,658.67	2,526	2,526			
1910	270.97	257	257			
1911	494.20	469	469			
1912	1,751.35	1,664	1,664			
1913	6,808.79	6,468	6,468			
1914	2,665.32	2,532	2,532			
1915	1,742.47	1,655	1,655			
1916	2,824.14	2,683	2,683			
1917	581.92	553	553			
1918	7,374.43	7,006	7,006			
1919	4,809.82	4,569	4,569			
1920	8,961.05	8,513	8,513			
1921	1,353.76	1,286	1,286			
1922	1,085.01	1,031	1,031			
1923	5,762.89	5,475	5,475			
1924	1,028.37	977	977			
1925	26,607.76	25,277	25,277			
1926	8,975.50	8,527	8,527			
1927	5,326.21	5,060	5,060			
1928	27,324.06	25,958	25,958			
1929	16,279.61	15,466	15,466			
1930	4,375.58	4,157	4,157			
1931	2,790.82	2,651	2,651			
1932	7,733.89	7,347	7,347			
1933	5,606.08	5,326	5,326			
1934	6,229.10	5,918	5,918			
1935	310.96	295	295			
1936	16,126.35	15,320	15,320			
1937	29,509.64	28,034	28,034			
1938	12,716.95	12,081	12,081			
1939	429,472.31	407,999	407,999			
1940	605,258.99	574,996	574,996			
1941	23,882.46	22,613	22,688			
1942	15,146.86	14,253	14,390			

AMEREN MISSOURI

ACCOUNT 368 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 42-R2.5						
NET SALVAGE PERCENT.. +5						
1943	386.48	362	367			
1944	10,323.71	9,597	9,784	24	0.90	24
1945	12,110.58	11,185	11,403	102	1.17	87
1946	36,250.60	33,265	33,913	525	1.43	367
1947	90,622.31	82,606	84,216	1,875	1.70	1,103
1948	313,030.30	283,360	288,881	8,498	1.98	4,292
1949	44,944.79	40,410	41,197	1,501	2.25	667
1950	34,712.53	31,006	31,610	1,367	2.51	545
1951	41,632.86	36,952	37,672	1,879	2.76	681
1952	112,143.35	98,952	100,880	5,656	2.99	1,892
1953	303,854.11	266,530	271,723	16,938	3.22	5,260
1954	438,728.08	382,656	390,112	26,680	3.44	7,756
1955	1,399,894.98	1,214,332	1,237,993	91,907	3.65	25,180
1956	1,225,212.20	1,056,705	1,077,295	86,657	3.87	22,392
1957	836,123.02	716,966	730,936	63,381	4.09	15,497
1958	470,502.29	401,001	408,815	38,162	4.32	8,834
1959	475,692.59	403,057	410,911	40,997	4.54	9,030
1960	646,383.03	544,325	554,931	59,133	4.77	12,397
1961	432,786.50	362,101	369,157	41,990	5.01	8,381
1962	586,979.41	487,927	497,434	60,196	5.25	11,466
1963	722,610.94	596,586	608,211	78,269	5.50	14,231
1964	1,117,462.44	916,258	934,111	127,478	5.75	22,170
1965	924,662.91	752,726	767,393	111,037	6.01	18,475
1966	1,760,703.42	1,422,571	1,450,290	222,378	6.28	35,411
1967	2,636,698.14	2,113,629	2,154,813	350,050	6.56	53,361
1968	1,993,739.53	1,585,133	1,616,019	278,034	6.85	40,589
1969	2,038,160.58	1,606,160	1,637,456	298,797	7.16	41,731
1970	2,114,889.60	1,651,316	1,683,492	325,653	7.48	43,536
1971	2,642,002.91	2,042,584	2,082,384	427,519	7.82	54,670
1972	2,418,730.74	1,850,276	1,886,329	411,465	8.18	50,301
1973	2,833,976.05	2,143,564	2,185,331	506,946	8.56	59,223
1974	3,224,985.50	2,410,854	2,457,830	605,906	8.95	67,699
1975	1,795,090.66	1,324,876	1,350,691	354,645	9.37	37,849
1976	2,879,831.99	2,096,830	2,137,687	598,153	9.81	60,974
1977	3,986,715.03	2,861,289	2,917,041	870,338	10.27	84,746
1978	4,975,521.01	3,516,935	3,585,463	1,141,282	10.75	106,166
1979	4,993,766.58	3,473,329	3,541,007	1,203,071	11.25	106,940
1980	3,772,860.90	2,579,777	2,630,044	954,174	11.77	81,068
1981	3,975,332.94	2,669,655	2,721,673	1,054,893	12.31	85,694
1982	4,299,939.81	2,833,194	2,888,399	1,196,544	12.87	92,972
1983	3,610,844.07	2,331,782	2,377,217	1,053,085	13.45	78,296
1984	9,144,086.74	5,782,944	5,895,625	2,791,257	14.04	198,807
1985	7,087,866.20	4,383,154	4,468,560	2,264,913	14.66	154,496

Schedule JJS-D2



AMEREN MISSOURI

ACCOUNT 368 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 42-R2.5						
NET SALVAGE PERCENT.. +5						
1986	7,814,419.32	4,721,101	4,813,092	2,610,606	15.29	170,739
1987	7,064,238.91	4,165,602	4,246,769	2,464,258	15.93	154,693
1988	6,567,076.13	3,772,930	3,846,446	2,392,276	16.60	144,113
1989	7,412,415.20	4,146,279	4,227,069	2,814,725	17.27	162,983
1990	7,676,934.95	4,174,418	4,255,757	3,037,331	17.96	169,116
1991	7,695,681.57	4,061,057	4,140,187	3,170,710	18.67	169,829
1992	8,238,742.43	4,215,283	4,297,418	3,529,387	19.38	182,115
1993	9,053,040.78	4,482,437	4,569,777	4,030,612	20.11	200,428
1994	9,671,954.45	4,626,981	4,717,138	4,471,219	20.85	214,447
1995	10,650,293.24	4,911,979	5,007,689	5,110,090	21.61	236,469
1996	13,228,747.37	5,873,709	5,988,158	6,579,152	22.37	294,106
1997	14,695,224.18	6,265,595	6,387,680	7,572,783	23.15	327,118
1998	10,011,587.36	4,089,733	4,169,422	5,341,586	23.94	223,124
1999	9,849,318.26	3,845,198	3,920,122	5,436,730	24.74	219,755
2000	12,005,171.89	4,466,962	4,554,001	6,850,912	25.55	268,137
2001	12,912,140.04	4,567,812	4,656,816	7,609,717	26.36	288,684
2002	8,747,775.27	2,930,408	2,987,507	5,322,880	27.19	195,766
2003	11,832,681.75	3,738,997	3,811,852	7,429,196	28.03	265,044
2004	11,141,817.17	3,306,457	3,370,883	7,213,843	28.88	249,787
2005	13,578,399.80	3,765,358	3,838,726	9,060,754	29.74	304,666
2006	16,155,916.82	4,165,940	4,247,114	11,101,007	30.60	362,778
2007	20,168,866.61	4,803,710	4,897,311	14,263,112	31.47	453,229
2008	23,849,981.93	5,200,345	5,301,674	17,355,809	32.36	536,335
2009	14,476,071.78	2,868,311	2,924,200	10,828,068	33.24	325,754
2010	10,168,749.46	1,807,831	1,843,057	7,817,255	34.14	228,976
2011	14,813,801.79	2,332,055	2,377,495	11,695,617	35.04	333,779
2012	15,180,640.07	2,077,433	2,117,912	12,303,696	35.95	342,245
2013	17,072,113.68	1,980,929	2,019,527	14,198,981	36.87	385,109
2014	16,011,705.04	1,524,763	1,554,473	13,656,647	37.79	361,383
2015	17,940,250.48	1,331,077	1,357,013	15,686,225	38.72	405,119
2016	14,325,135.47	761,417	776,253	12,832,626	39.65	323,648
2017	14,768,067.23	470,976	480,153	13,549,511	40.59	333,814
2018	17,489,099.50	185,918	189,541	16,425,104	41.53	395,500
	496,029,447.35	176,281,172	179,692,194	291,535,781		10,954,044

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 26.6 2.21

AMEREN MISSOURI

ACCOUNT 369.1 OVERHEAD SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 47-R2.5						
NET SALVAGE PERCENT.. -200						
1919	330.15	990	990			
1920	196.71	590	590			
1921	200.44	601	601			
1922	284.05	852	852			
1923	2,073.04	6,219	6,219			
1924	130.37	391	391			
1925	16,511.94	49,536	49,536			
1926	2,871.31	8,614	8,614			
1927	3,899.78	11,699	11,699			
1928	4,472.63	13,418	13,418			
1929	30,784.58	92,354	92,354			
1930	38,625.12	115,875	115,875			
1931	29,852.66	89,558	89,558			
1932	15,621.11	46,614	46,863			
1933	11,626.78	34,532	34,880			
1934	12,325.72	36,411	36,977			
1935	12,526.37	36,803	37,579			
1936	12,404.33	36,239	37,213			
1937	61,297.94	178,026	183,894			
1938	16,701.11	48,216	50,103			
1939	47,464.47	136,182	142,393			
1940	109,897.02	313,348	329,691			
1941	119,372.49	338,306	358,117			
1942	78,029.29	219,893	234,088			
1943	76,667.35	214,831	230,002			
1944	52,653.10	146,768	157,959			
1945	42,783.70	118,657	128,351			
1946	42,966.50	118,532	128,900			
1947	107,119.87	294,079	321,360			
1948	101,216.57	276,452	303,650			
1949	95,689.60	260,010	287,069			
1950	102,714.27	277,655	308,143			
1951	143,176.32	384,931	429,529			
1952	222,610.64	595,365	667,832			
1953	202,332.92	538,165	606,999			
1954	225,112.51	595,303	675,338			
1955	74,942.63	197,035	224,828			
1956	67,254.28	175,792	201,763			
1957	50,767.26	131,887	152,302			
1958	80,707.82	208,330	242,123			
1959	66,110.84	169,552	198,333			
1960	143,542.51	365,667	430,628			
1961	65,116.09	164,675	195,348			

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AMEREN MISSOURI

ACCOUNT 369.1 OVERHEAD SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 47-R2.5						
NET SALVAGE PERCENT.. -200						
1962	77,072.13	193,484	231,216			
1963	45,443.05	113,182	136,329			
1964	55,801.55	137,841	167,405			
1965	559,920.42	1,371,323	1,669,583	10,178	8.63	1,179
1966	862,349.38	2,092,767	2,547,939	39,109	8.98	4,355
1967	769,689.76	1,849,703	2,252,009	57,060	9.35	6,103
1968	925,714.61	2,201,636	2,680,487	96,657	9.74	9,924
1969	913,487.79	2,149,236	2,616,690	123,773	10.14	12,206
1970	931,459.82	2,166,538	2,637,755	156,624	10.56	14,832
1971	1,509,364.35	3,468,338	4,222,694	305,399	11.00	27,764
1972	1,443,570.34	3,274,754	3,987,006	343,705	11.46	29,992
1973	1,769,440.49	3,959,795	4,821,042	487,279	11.94	40,811
1974	1,565,659.57	3,453,782	4,204,972	492,007	12.44	39,550
1975	1,919,959.03	4,172,858	5,080,446	679,431	12.95	52,466
1976	1,960,682.33	4,195,017	5,107,424	774,623	13.48	57,465
1977	1,753,503.63	3,690,196	4,492,806	767,705	14.03	54,719
1978	2,099,461.04	4,341,853	5,286,197	1,012,186	14.60	69,328
1979	2,258,321.90	4,586,787	5,584,404	1,190,562	15.18	78,430
1980	2,651,805.24	5,284,464	6,433,824	1,521,592	15.78	96,425
1981	2,685,974.67	5,247,965	6,389,386	1,668,538	16.39	101,802
1982	2,731,771.39	5,227,545	6,364,525	1,830,789	17.02	107,567
1983	2,891,272.75	5,412,810	6,590,085	2,083,733	17.67	117,925
1984	3,376,659.15	6,179,286	7,523,268	2,606,709	18.33	142,210
1985	3,989,769.25	7,130,595	8,681,484	3,287,824	19.00	173,043
1986	3,552,259.25	6,194,572	7,541,878	3,114,900	19.68	158,277
1987	3,966,146.66	6,741,656	8,207,952	3,690,488	20.37	181,173
1988	3,980,870.13	6,586,230	8,018,721	3,923,889	21.08	186,143
1989	4,036,040.88	6,492,012	7,904,011	4,204,112	21.80	192,849
1990	4,088,626.33	6,386,107	7,775,072	4,490,807	22.53	199,326
1991	3,850,392.25	5,832,074	7,100,538	4,450,639	23.27	191,261
1992	3,467,360.98	5,083,706	6,189,401	4,212,682	24.03	175,309
1993	4,523,897.06	6,413,303	7,808,183	5,763,508	24.79	232,493
1994	1,129,062.55	1,545,133	1,881,196	1,505,992	25.56	58,920
1995	4,786,970.51	6,309,610	7,681,937	6,678,975	26.35	253,472
1996	4,328,119.31	5,486,540	6,679,851	6,304,507	27.14	232,296
1997	5,203,679.76	6,330,745	7,707,669	7,903,370	27.94	282,869
1998	3,892,667.26	4,534,568	5,520,827	6,157,175	28.75	214,163
1999	3,513,293.08	3,908,714	4,758,851	5,781,028	29.57	195,503
2000	3,235,922.94	3,428,687	4,174,419	5,533,350	30.40	182,018
2001	3,674,506.77	3,696,407	4,500,368	6,523,152	31.24	208,808
2002	2,958,001.01	2,817,052	3,429,755	5,444,248	32.08	169,708
2003	4,033,031.69	3,619,444	4,406,665	7,692,430	32.94	233,529
2004	3,843,064.78	3,237,974	3,942,227	7,586,967	33.80	224,466

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AMEREN MISSOURI

ACCOUNT 369.1 OVERHEAD SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 47-R2.5						
NET SALVAGE PERCENT.. -200						
2005	4,155,712.48	3,270,629	3,981,984	8,485,153	34.67	244,740
2006	13,412,402.11	9,802,588	11,934,630	28,302,576	35.55	796,134
2007	7,909,303.14	5,336,170	6,496,776	17,231,133	36.43	472,993
2008	8,496,464.71	5,249,796	6,391,615	19,097,779	37.32	511,730
2009	6,886,665.94	3,859,494	4,698,926	15,961,072	38.22	417,610
2010	4,066,989.63	2,045,614	2,490,531	9,710,438	39.12	248,222
2011	7,427,827.69	3,304,641	4,023,393	18,260,090	40.03	456,160
2012	2,978,900.11	1,152,298	1,402,920	7,533,780	40.94	184,020
2013	6,776,537.56	2,223,246	2,706,797	17,622,816	41.86	420,994
2014	3,907,079.66	1,052,450	1,281,356	10,439,883	42.78	244,037
2015	4,494,870.72	943,923	1,149,224	12,335,388	43.71	282,210
2016	5,980,009.03	897,001	1,092,097	16,847,930	44.65	377,333
2017	4,838,405.11	435,456	530,167	13,985,048	45.59	306,757
2018	5,370,922.53	161,128	196,173	15,916,595	46.53	342,072
	201,105,141.45	223,329,676	271,088,038	332,227,386		10,315,691
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						32.2 5.13

AMEREN MISSOURI

ACCOUNT 369.2 UNDERGROUND SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R3						
NET SALVAGE PERCENT.. -90						
1911	469.05	891	891			
1915	15,322.94	29,114	29,114			
1916	2,023.63	3,845	3,845			
1917	7,884.76	14,981	14,981			
1918	2,041.78	3,857	3,879			
1919	2,331.46	4,393	4,430			
1920	3,909.30	7,339	7,428			
1921	3,541.18	6,624	6,728			
1922	3,268.57	6,089	6,210			
1923	2,565.44	4,761	4,874			
1924	2,287.88	4,228	4,347			
1925	9,968.75	18,347	18,941			
1926	12,323.43	22,583	23,415			
1927	10,529.63	19,216	20,006			
1928	22,425.54	40,741	42,609			
1929	20,736.22	37,508	39,399			
1930	19,993.01	36,005	37,987			
1931	14,608.21	26,187	27,756			
1932	7,339.93	13,098	13,946			
1933	9,485.35	16,851	18,022			
1934	7,386.16	13,061	14,034			
1935	7,426.64	13,071	14,111			
1936	14,963.21	26,217	28,430			
1937	18,953.39	33,052	36,011			
1938	6,645.83	11,535	12,627			
1939	15,387.32	26,580	29,236			
1940	21,951.87	37,739	41,709			
1941	15,209.63	26,018	28,898			
1942	12,980.52	22,094	24,663			
1943	5,037.61	8,531	9,571			
1944	6,461.47	10,885	12,277			
1945	13,957.72	23,386	26,520			
1946	25,556.11	42,584	48,557			
1947	28,628.30	47,422	54,394			
1948	34,224.43	56,356	65,026			
1949	36,956.19	60,469	70,217			
1950	31,112.92	50,572	59,115			
1951	29,883.66	48,243	56,491	288	9.02	32
1952	44,239.09	70,914	83,038	1,016	9.38	108
1953	41,984.86	66,795	78,215	1,556	9.76	159
1954	52,143.25	82,312	96,385	2,687	10.15	265
1955	100,931.38	158,018	185,034	6,736	10.56	638
1956	57,930.69	89,926	105,301	4,767	10.98	434

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AMEREN MISSOURI

ACCOUNT 369.2 UNDERGROUND SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R3						
NET SALVAGE PERCENT.. -90						
1957	79,653.54	122,537	143,487	7,855	11.42	688
1958	69,531.67	105,975	124,094	8,016	11.87	675
1959	82,199.12	124,057	145,267	10,911	12.34	884
1960	76,667.85	114,521	134,101	11,568	12.83	902
1961	84,286.82	124,566	145,863	14,282	13.33	1,071
1962	94,084.42	137,497	161,005	17,755	13.85	1,282
1963	155,302.48	224,354	262,712	32,363	14.38	2,251
1964	301,703.77	430,599	504,219	69,018	14.93	4,623
1965	749,289.24	1,056,106	1,236,669	186,981	15.49	12,071
1966	675,090.66	939,134	1,099,698	182,974	16.07	11,386
1967	422,765.83	580,215	679,415	123,840	16.66	7,433
1968	681,846.34	922,622	1,080,363	215,145	17.27	12,458
1969	579,881.23	773,258	905,462	196,312	17.89	10,973
1970	523,591.49	687,592	805,150	189,674	18.53	10,236
1971	1,244,228.99	1,608,324	1,883,300	480,735	19.18	25,064
1972	1,664,332.91	2,116,577	2,478,450	683,783	19.84	34,465
1973	2,256,482.28	2,821,783	3,304,225	983,091	20.51	47,932
1974	2,283,736.68	2,806,660	3,286,517	1,052,583	21.19	49,674
1975	2,066,088.69	2,493,403	2,919,702	1,005,867	21.89	45,951
1976	2,649,322.92	3,137,665	3,674,114	1,359,600	22.60	60,159
1977	3,403,868.13	3,953,685	4,629,649	1,837,700	23.32	78,804
1978	4,361,911.76	4,965,701	5,814,690	2,472,942	24.05	102,825
1979	3,858,703.35	4,302,365	5,037,943	2,293,593	24.79	92,521
1980	2,779,799.03	3,034,290	3,553,065	1,728,553	25.53	67,707
1981	2,614,508.21	2,790,927	3,268,094	1,699,472	26.29	64,643
1982	2,121,387.49	2,212,819	2,591,146	1,439,490	27.06	53,196
1983	4,294,402.13	4,373,419	5,121,145	3,038,219	27.84	109,131
1984	3,536,823.90	3,513,400	4,114,088	2,605,877	28.63	91,019
1985	2,667,265.84	2,582,908	3,024,510	2,043,295	29.42	69,453
1986	3,188,602.33	3,005,969	3,519,902	2,538,442	30.23	83,971
1987	1,896,217.29	1,738,970	2,036,283	1,566,530	31.04	50,468
1988	1,914,025.37	1,705,588	1,997,194	1,639,454	31.86	51,458
1989	1,780,205.49	1,539,563	1,802,783	1,579,607	32.69	48,321
1990	2,647,877.17	2,219,512	2,598,983	2,431,984	33.53	72,532
1991	2,849,827.83	2,312,065	2,707,360	2,707,313	34.38	78,747
1992	3,783,316.40	2,967,546	3,474,909	3,713,392	35.23	105,404
1993	3,787,641.22	2,867,813	3,358,125	3,838,393	36.09	106,356
1994	4,638,533.21	3,384,274	3,962,886	4,850,327	36.96	131,232
1995	4,221,772.52	2,962,532	3,469,038	4,552,330	37.84	120,305
1996	4,339,976.77	2,924,593	3,424,613	4,821,343	38.72	124,518
1997	3,796,468.59	2,451,292	2,870,391	4,342,899	39.61	109,641
1998	2,649,257.12	1,635,061	1,914,608	3,118,981	40.51	76,993
1999	4,023,777.77	2,368,705	2,773,684	4,871,494	41.41	117,641



AMEREN MISSOURI

ACCOUNT 369.2 UNDERGROUND SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R3						
NET SALVAGE PERCENT.. -90						
2000	3,237,492.52	1,812,585	2,122,484	4,028,752	42.32	95,197
2001	2,867,354.85	1,521,783	1,781,963	3,666,011	43.24	84,783
2002	3,757,791.39	1,884,908	2,207,172	4,932,632	44.16	111,699
2003	4,837,587.58	2,285,630	2,676,406	6,515,010	45.08	144,521
2004	5,147,032.64	2,278,591	2,668,163	7,111,199	46.02	154,524
2005	4,360,452.71	1,800,549	2,108,390	6,176,470	46.96	131,526
2006	6,148,066.29	2,355,773	2,758,541	8,922,785	47.90	186,279
2007	2,349,532.80	829,566	971,397	3,492,715	48.85	71,499
2008	6,835,830.25	2,207,973	2,585,472	10,402,605	49.80	208,888
2009	4,058,375.87	1,188,792	1,392,041	6,318,873	50.75	124,510
2010	3,919,763.80	1,029,028	1,204,962	6,242,589	51.71	120,723
2011	3,637,121.90	843,085	987,228	5,923,304	52.68	112,439
2012	3,257,865.48	656,134	768,313	5,421,631	53.64	101,074
2013	3,480,306.58	592,950	694,327	5,918,256	54.62	108,353
2014	3,628,902.16	506,776	593,420	6,301,494	55.59	113,357
2015	3,846,802.69	419,021	490,661	6,818,264	56.56	120,549
2016	4,871,436.66	379,485	444,366	8,811,364	57.54	153,135
2017	3,836,709.13	179,838	210,585	7,079,162	58.52	120,970
2018	4,895,355.72	75,991	88,983	9,212,193	59.51	154,801
	171,673,045.18	111,331,338	130,302,444	195,876,342		4,767,527
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						41.1 2.78

AMEREN MISSOURI

ACCOUNT 370 METERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 28-S0.5						
NET SALVAGE PERCENT.. -5						
1913	23.43	25	25			
1919	168.44	177	177			
1920	408.06	428	428			
1921	2,320.60	2,437	2,437			
1923	796.58	836	836			
1924	904.66	950	950			
1925	2,886.35	3,031	3,031			
1926	416.66	437	437			
1927	1,980.76	2,080	2,080			
1928	2,059.59	2,163	2,163			
1929	956.85	1,005	1,005			
1930	3,786.24	3,976	3,976			
1931	3,280.03	3,444	3,444			
1932	2,638.21	2,770	2,770			
1933	1,633.19	1,715	1,715			
1934	2,354.43	2,472	2,472			
1935	3,391.08	3,561	3,561			
1936	4,717.29	4,953	4,953			
1937	22,761.18	23,899	23,899			
1938	13,004.41	13,655	13,655			
1939	15,105.90	15,861	15,861			
1940	23,806.06	24,996	24,996			
1941	72,538.76	76,166	76,166			
1942	10,688.19	11,223	11,223			
1943	7,826.82	8,218	8,218			
1944	23,802.88	24,993	24,993			
1945	7,347.13	7,714	7,714			
1946	31,712.58	33,298	33,298			
1947	51,713.41	54,299	54,299			
1948	44,561.52	46,790	46,790			
1949	47,222.89	49,584	49,584			
1950	37,888.10	39,783	39,783			
1951	44,196.56	46,406	46,406			
1952	54,857.14	57,600	57,600			
1953	69,284.68	72,749	72,749			
1954	72,667.01	76,300	76,300			
1955	63,085.32	66,240	66,240			
1956	103,285.07	108,449	108,449			
1957	106,199.21	111,509	111,509			
1958	150,296.94	157,812	157,812			
1959	138,141.74	145,049	145,049			
1960	73,245.86	76,908	76,908			
1961	94,962.15	99,710	99,710			

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AMEREN MISSOURI

ACCOUNT 370 METERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 28-S0.5						
NET SALVAGE PERCENT.. -5						
1962	125,561.45	131,840	131,840			
1963	104,145.64	108,572	109,353			
1964	92,047.42	94,785	96,650			
1965	132,403.38	134,604	138,611	413	0.89	413
1966	135,844.96	136,371	140,431	2,206	1.23	1,793
1967	143,797.38	142,467	146,708	4,279	1.58	2,708
1968	194,711.70	190,502	196,173	8,274	1.91	4,332
1969	166,954.36	161,215	166,014	9,288	2.25	4,128
1970	146,000.71	139,176	143,319	9,982	2.58	3,869
1971	186,526.69	175,428	180,650	15,203	2.92	5,207
1972	159,838.16	148,350	152,766	15,064	3.25	4,635
1973	162,698.19	148,931	153,365	17,468	3.59	4,866
1974	186,457.46	168,301	173,311	22,469	3.93	5,717
1975	147,599.09	131,401	135,313	19,666	4.26	4,616
1976	198,708.24	174,293	179,482	29,162	4.61	6,326
1977	140,284.11	121,257	124,867	22,431	4.95	4,532
1978	198,049.36	168,589	173,608	34,344	5.30	6,480
1979	180,417.61	151,212	155,714	33,724	5.65	5,969
1980	218,474.22	180,240	185,606	43,792	6.00	7,299
1981	189,449.52	153,739	158,316	40,606	6.36	6,385
1982	168,238.72	134,254	138,251	38,400	6.72	5,714
1983	127,004.23	99,588	102,553	30,801	7.09	4,344
1984	184,751.86	142,235	146,469	47,520	7.47	6,361
1985	1,614,555.51	1,219,994	1,256,313	438,970	7.85	55,920
1986	1,714,110.99	1,270,796	1,308,627	491,190	8.23	59,683
1987	1,493,756.86	1,085,034	1,117,335	451,110	8.63	52,272
1988	1,385,839.22	985,851	1,015,199	439,932	9.03	48,719
1989	1,554,678.38	1,082,632	1,114,862	517,550	9.43	54,883
1990	1,805,824.85	1,229,081	1,265,670	630,446	9.85	64,005
1991	1,659,466.41	1,103,330	1,136,176	606,264	10.27	59,033
1992	2,153,683.31	1,396,394	1,437,964	823,403	10.71	76,882
1993	2,096,343.34	1,324,636	1,364,070	837,091	11.15	75,075
1994	2,562,293.29	1,575,799	1,622,710	1,067,698	11.60	92,043
1995	3,201,469.48	1,913,693	1,970,663	1,390,880	12.06	115,330
1996	4,873,558.88	2,825,431	2,909,543	2,207,694	12.54	176,052
1997	5,142,657.71	2,886,944	2,972,887	2,426,904	13.03	186,255
1998	5,074,503.55	2,755,440	2,837,468	2,490,761	13.52	184,228
1999	4,990,845.94	2,612,700	2,690,479	2,549,909	14.04	181,617
2000	4,756,375.44	2,397,213	2,468,577	2,525,617	14.56	173,463
2001	563,321.45	272,504	280,616	310,872	15.10	20,588
2002	11,189,151.09	5,177,729	5,331,868	6,416,741	15.66	409,754
2003	1,514,393.47	668,420	688,319	901,794	16.23	55,563
2004	1,986,806.96	832,978	857,775	1,228,372	16.82	73,030

Schedule JJS-D2



AMEREN MISSOURI

ACCOUNT 370 METERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 28-S0.5						
NET SALVAGE PERCENT.. -5						
2005	2,108,958.87	835,939	860,825	1,353,582	17.43	77,658
2006	3,326,051.15	1,239,786	1,276,694	2,215,660	18.06	122,683
2007	2,609,139.42	908,971	936,031	1,803,565	18.71	96,396
2008	1,834,627.82	593,049	610,704	1,315,655	19.38	67,887
2009	5,591,754.58	1,662,823	1,712,324	4,159,018	20.07	207,226
2010	3,682,669.72	995,702	1,025,344	2,841,459	20.79	136,674
2011	2,290,480.17	555,724	572,268	1,832,736	21.53	85,125
2012	2,320,484.71	496,877	511,669	1,924,840	22.29	86,354
2013	1,174,802.78	216,314	222,753	1,010,790	23.09	43,776
2014	2,486,658.34	381,387	392,741	2,218,250	23.91	92,775
2015	2,146,411.12	260,779	268,542	1,985,190	24.76	80,177
2016	2,635,201.41	233,227	240,170	2,526,791	25.64	98,549
2017	3,217,920.69	173,773	178,946	3,199,871	26.56	120,477
2018	3,499,244.13	64,299	66,213	3,607,993	27.51	131,152
	105,362,929.46	48,058,270	49,437,386	61,193,690		3,756,998
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						16.3 3.57

AMEREN MISSOURI

ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 30-Q1						
NET SALVAGE PERCENT.. 0						
1937	14.45	14	14			
1946	864.00	864	864			
1950	731.71	732	732			
1953	976.23	976	976			
1954	695.65	696	696			
1956	323.73	324	324			
1957	4,962.41	4,962	4,962			
1958	273.73	274	274			
1959	2,280.93	2,262	2,281			
1960	747.97	729	748			
1961	699.70	671	700			
1962	4,083.08	3,845	4,083			
1963	17,052.81	15,774	17,053			
1964	2,514.11	2,284	2,514			
1965	5,164.16	4,605	5,164			
1966	2,537.33	2,220	2,537			
1967	5,132.46	4,405	5,132			
1968	12,356.47	10,400	12,356			
1969	7,867.05	6,490	7,867			
1970	6,286.29	5,081	6,286			
1971	5,580.58	4,418	5,581			
1973	2,153.34	1,633	2,153			
1976	3,315.01	2,348	3,315			
1977	48.35	33	48			
1984	63,813.22	36,693	63,813			
1985	719.41	402	719			
1997	13,419.00	4,808	18,090	4,671-		
	164,613.18	117,943	169,282	4,669-		
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						0.0 0.00

AMEREN MISSOURI

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 38-S0						
NET SALVAGE PERCENT.. -35						
1923	145.03	196	196			
1925	33.44	45	45			
1926	569.07	768	768			
1927	301.65	407	407			
1928	38.92	53	53			
1929	237.69	321	321			
1930	56.71	77	77			
1933	13.90	19	19			
1935	14.02	19	19			
1936	134.59	182	182			
1937	374.55	506	506			
1938	669.37	904	904			
1939	276.70	374	374			
1941	14.03	19	19			
1944	369.99	492	499			
1945	269.96	356	364			
1946	4,432.04	5,782	5,983			
1947	462.96	598	625			
1948	862.43	1,102	1,164			
1949	3,656.29	4,626	4,936			
1950	34,583.05	43,284	46,687			
1951	74,747.01	92,570	100,908			
1952	63,782.61	78,130	86,107			
1953	122,282.21	148,182	165,081			
1954	85,022.67	101,883	114,781			
1955	40,301.01	47,749	54,406			
1956	11,756.59	13,766	15,871			
1957	17,797.42	20,600	24,027			
1958	29,771.14	34,046	40,191			
1959	30,621.93	34,595	41,340			
1960	11,440.01	12,766	15,444			
1961	27,518.09	30,326	37,149			
1962	115,042.74	125,186	155,308			
1963	114,185.80	122,632	154,151			
1964	92,674.54	98,244	125,111			
1965	214,246.25	224,080	287,531	1,701	8.56	199
1966	262,342.32	270,562	347,175	6,987	8.97	779
1967	376,019.18	382,456	490,753	16,873	9.37	1,801
1968	404,821.96	405,854	520,776	25,734	9.78	2,631
1969	443,263.99	437,938	561,945	36,461	10.19	3,578
1970	793,598.40	772,503	991,246	80,112	10.60	7,558
1971	942,874.72	903,745	1,159,651	113,230	11.02	10,275
1972	1,155,403.14	1,090,624	1,399,447	160,347	11.43	14,029

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AMEREN MISSOURI

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 38-S0						
NET SALVAGE PERCENT.. -35						
1973	1,169,866.82	1,086,825	1,394,573	184,747	11.85	15,590
1974	1,227,524.56	1,121,631	1,439,234	217,924	12.28	17,746
1975	1,045,879.07	940,053	1,206,240	205,697	12.70	16,197
1976	979,785.97	865,675	1,110,801	211,910	13.13	16,139
1977	865,204.86	750,913	963,543	204,484	13.57	15,069
1978	1,197,802.71	1,021,286	1,310,475	306,559	14.00	21,897
1979	1,457,508.94	1,219,935	1,565,374	402,263	14.44	27,858
1980	1,529,942.42	1,256,107	1,611,789	453,633	14.89	30,466
1981	1,738,798.67	1,400,399	1,796,939	550,439	15.33	35,906
1982	1,850,226.91	1,460,567	1,874,144	623,662	15.78	39,522
1983	2,183,832.62	1,688,213	2,166,251	781,923	16.24	48,148
1984	2,158,372.45	1,633,274	2,095,755	818,048	16.70	48,985
1985	2,182,977.88	1,616,205	2,073,853	873,167	17.16	50,884
1986	2,022,658.22	1,463,732	1,878,205	852,384	17.63	48,348
1987	2,196,441.76	1,552,814	1,992,512	972,684	18.10	53,739
1988	2,155,459.73	1,487,089	1,908,176	1,001,695	18.58	53,913
1989	2,489,672.18	1,674,344	2,148,455	1,212,602	19.07	63,587
1990	2,513,529.61	1,646,616	2,112,875	1,280,390	19.56	65,460
1991	1,887,008.90	1,203,345	1,544,087	1,003,375	20.05	50,044
1992	2,387,706.94	1,480,220	1,899,362	1,324,042	20.55	64,430
1993	2,506,319.06	1,508,344	1,935,450	1,448,081	21.06	68,760
1994	2,159,701.35	1,260,617	1,617,576	1,298,021	21.57	60,177
1995	3,761,107.39	2,125,846	2,727,805	2,349,690	22.09	106,369
1996	3,549,249.98	1,939,307	2,488,445	2,303,042	22.62	101,814
1997	4,192,313.12	2,210,252	2,836,111	2,823,512	23.16	121,913
1998	3,929,889.03	1,996,509	2,561,844	2,743,506	23.70	115,760
1999	3,644,469.45	1,780,265	2,284,368	2,635,666	24.25	108,687
2000	3,251,509.38	1,522,467	1,953,572	2,435,966	24.82	98,145
2001	2,810,383.94	1,259,007	1,615,510	2,178,508	25.39	85,802
2002	3,308,155.05	1,413,849	1,814,197	2,651,812	25.97	102,111
2003	3,106,371.78	1,262,484	1,619,971	2,573,631	26.56	96,899
2004	2,838,236.15	1,093,008	1,402,506	2,429,113	27.16	89,437
2005	3,343,813.51	1,214,080	1,557,861	2,956,287	27.78	106,418
2006	4,389,394.09	1,495,464	1,918,923	4,006,759	28.41	141,033
2007	1,847,942.62	587,582	753,963	1,740,760	29.05	59,923
2008	5,899,425.65	1,737,475	2,229,462	5,734,763	29.71	193,025
2009	4,539,129.88	1,228,813	1,576,766	4,551,059	30.38	149,804
2010	3,051,452.71	750,195	962,622	3,156,839	31.08	101,571
2011	3,454,016.90	762,015	977,789	3,685,134	31.79	115,921
2012	2,830,329.44	551,018	707,045	3,113,900	32.52	95,753
2013	3,188,899.85	534,726	686,140	3,618,875	33.28	108,740
2014	3,122,920.17	437,109	560,882	3,655,060	34.06	107,312
2015	5,577,224.82	620,185	795,798	6,733,456	34.87	193,102

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AMEREN MISSOURI

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 38-S0						
NET SALVAGE PERCENT.. -35						
2016	10,463,968.31	851,254	1,092,297	13,034,060	35.71	364,997
2017	15,662,854.96	784,686	1,006,879	20,137,975	36.59	550,368
2018	13,490,809.50	234,760	301,235	17,911,358	37.51	477,509
	160,637,119.43	63,239,127	81,030,207	135,829,904		4,746,128
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						28.6 2.95

AMEREN MISSOURI

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MISCELLANEOUS STRUCTURES - OLD						
SURVIVOR CURVE.. IOWA 45-S0						
NET SALVAGE PERCENT.. -10						
1910	2,984.95	3,283	3,283			
1913	2,635.48	2,899	2,899			
1917	88,106.42	96,917	96,917			
1921	521.89	574	574			
1924	1,168.99	1,286	1,286			
1929	16,786.40	18,375	17,692	773	0.22	773
1930	203,228.72	220,771	212,565	10,986	0.56	10,986
1931	4,105.01	4,423	4,259	257	0.92	257
1932	273.52	292	281	20	1.28	16
1933	305.34	324	312	24	1.65	15
1935	1,796.87	1,872	1,802	174	2.39	73
1936	1,459.40	1,507	1,451	154	2.76	56
1937	36,151.18	37,000	35,625	4,142	3.13	1,323
1938	2,594.09	2,631	2,533	320	3.51	91
1939	1,878.92	1,889	1,819	248	3.88	64
1940	14,513.23	14,453	13,916	2,049	4.26	481
1941	5,516.68	5,443	5,241	828	4.64	178
1942	5,931.42	5,797	5,582	943	5.02	188
1943	9,244.51	8,949	8,616	1,553	5.40	288
1944	4,110.32	3,941	3,795	727	5.78	126
1945	2,034.72	1,932	1,860	378	6.16	61
1946	253.25	238	229	49	6.55	7
1947	59,677.76	55,536	53,472	12,174	6.93	1,757
1948	27,329.96	25,173	24,237	5,826	7.32	796
1949	7,099.06	6,471	6,230	1,578	7.71	205
1950	24,061.06	21,703	20,896	5,571	8.10	688
1951	2,911.20	2,597	2,500	702	8.50	83
1952	1,519,335.72	1,341,093	1,291,248	380,022	8.89	42,747
1953	2,820.86	2,462	2,370	732	9.29	79
1954	165,236.54	142,662	137,360	44,401	9.68	4,587
1955	87,118.31	74,364	71,600	24,230	10.08	2,404
1956	987,125.69	832,719	801,769	284,069	10.49	27,080
1957	136,479.03	113,796	109,566	40,560	10.89	3,725
1958	463,083.16	381,478	367,299	142,092	11.30	12,575
1959	338,916.11	275,878	265,624	107,183	11.70	9,161
1960	90,636.68	72,870	70,162	29,539	12.11	2,439
	4,317,432.45	3,783,598	3,646,872	1,102,304		123,309

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AMEREN MISSOURI

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LARGE STRUCTURES						
SURVIVOR CURVE.. IOWA 50-R1.5						
NET SALVAGE PERCENT.. -10						
1961	16,607.28	13,577	13,080	5,188	12.84	404
1962	1,186,342.74	959,419	924,333	380,644	13.24	28,750
1963	113,124.73	90,466	87,158	37,280	13.65	2,731
1964	1,130,893.37	893,926	861,235	382,748	14.07	27,203
1965	296,967.38	231,997	223,513	103,151	14.49	7,119
1966	3,585,178.38	2,766,109	2,664,951	1,278,745	14.93	85,649
1967	460,687.91	350,878	338,046	168,711	15.38	10,970
1968	56,276.14	42,293	40,746	21,157	15.84	1,336
1969	1,171,976.07	868,645	836,878	452,296	16.31	27,731
1970	330,020.06	241,119	232,301	130,721	16.79	7,786
1971	786,685.23	566,287	545,578	319,776	17.28	18,506
1972	161,728.30	114,639	110,447	67,455	17.78	3,794
1973	356,208.11	248,498	239,410	152,419	18.29	8,333
1974	115,105.42	78,983	76,095	50,521	18.81	2,686
1975	559,441.85	377,232	363,436	251,950	19.35	13,021
1976	427,400.58	283,119	272,765	197,375	19.89	9,923
1977	1,171,161.53	761,630	733,777	554,501	20.44	27,128
1978	842,326.14	537,404	517,751	408,808	21.00	19,467
1979	1,649,209.67	1,031,152	993,442	820,688	21.58	38,030
1980	163,714.23	100,272	96,605	83,481	22.16	3,767
1981	1,678,932.76	1,006,520	969,711	877,115	22.75	38,555
1982	505,654.92	296,465	285,623	270,597	23.35	11,589
1983	1,639,429.91	939,197	904,850	898,523	23.96	37,501
1984	1,032,497.84	577,414	556,298	579,450	24.58	23,574
1985	2,560,150.71	1,396,255	1,345,193	1,470,973	25.21	58,349
1986	540,057.80	287,052	276,554	317,509	25.84	12,288
1987	4,935,860.74	2,552,926	2,459,564	2,969,883	26.49	112,113
1988	915,905.80	460,627	443,782	563,715	27.14	20,771
1989	30,249,609.47	14,773,909	14,233,619	19,040,951	27.80	684,926
1990	13,495,609.31	6,392,330	6,158,559	8,686,611	28.47	305,115
1991	4,541,892.05	2,084,365	2,008,139	2,987,943	29.14	102,538
1992	23,732,708.60	10,531,152	10,146,022	15,959,958	29.83	535,030
1993	6,771,373.21	2,901,940	2,795,814	4,652,696	30.52	152,447
1994	3,528,692.12	1,457,914	1,404,597	2,476,964	31.22	79,339
1995	3,377,680.08	1,343,506	1,294,373	2,421,075	31.92	75,848
1996	3,332,998.21	1,273,672	1,227,093	2,439,205	32.63	74,753
1997	1,547,746.67	566,940	546,207	1,156,315	33.35	34,672
1998	442,934.06	155,231	149,554	337,673	34.07	9,911
1999	272,920.92	91,265	87,927	212,286	34.80	6,100
2000	360,827.13	114,866	110,665	286,245	35.53	8,056
2001	1,974,707.80	596,480	574,666	1,597,512	36.27	44,045
2002	2,000,675.97	571,313	550,420	1,650,324	37.02	44,579

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AMEREN MISSOURI

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LARGE STRUCTURES						
SURVIVOR CURVE.. IOWA 50-R1.5						
NET SALVAGE PERCENT.. -10						
2003	1,690,367.89	454,810	438,177	1,421,227	37.77	37,628
2004	2,031,820.28	513,157	494,391	1,740,612	38.52	45,187
2005	13,608,465.94	3,209,421	3,092,051	11,877,262	39.28	302,374
2006	5,335,205.70	1,167,877	1,125,167	4,743,559	40.05	118,441
2007	6,390,973.12	1,290,721	1,243,519	5,786,552	40.82	141,758
2008	11,218,780.92	2,075,699	1,999,790	10,340,869	41.59	248,638
2009	11,961,239.82	2,007,814	1,934,387	11,222,977	42.37	264,880
2010	8,468,468.79	1,276,198	1,229,527	8,085,789	43.15	187,388
2011	9,080,923.33	1,210,669	1,166,394	8,822,622	43.94	200,788
2012	3,425,359.55	397,136	382,613	3,385,283	44.73	75,683
2013	2,829,108.84	278,215	268,041	2,843,979	45.53	62,464
2014	15,419,082.43	1,244,937	1,199,409	15,761,582	46.33	340,203
2015	5,449,068.71	342,855	330,317	5,663,659	47.14	120,146
2016	17,250,949.89	778,018	749,565	18,226,479	47.95	380,114
2017	16,506,437.56	446,664	430,329	17,726,752	48.77	363,477
2018	16,065,289.69	144,909	139,610	17,532,209	49.59	353,543
	270,751,463.66	77,768,084	74,924,062	222,902,548		6,059,145
	275,068,896.11	81,551,682	78,570,934	224,004,852		6,182,454
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					36.2	2.25

AMEREN MISSOURI

ACCOUNT 390.05 STRUCTURES AND IMPROVEMENTS - TRAINING ASSETS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2011	934,005.31	934,005	934,005			
	934,005.31	934,005	934,005			
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						0.0 0.00



AMEREN MISSOURI

ACCOUNT 391 OFFICE FURNITURE AND EQUIPMENT - FURNITURE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
1999	157,026.34	153,101	157,026			
2000	163,776.25	151,493	159,047	4,729	1.50	3,153
2001	600,516.13	525,452	551,652	48,864	2.50	19,546
2002	849,398.07	700,753	735,693	113,705	3.50	32,487
2003	732,028.44	567,322	595,609	136,419	4.50	30,315
2004	1,004,497.40	728,261	764,573	239,924	5.50	43,623
2005	2,197,744.36	1,483,477	1,557,445	640,299	6.50	98,508
2006	2,858,735.12	1,786,709	1,875,797	982,938	7.50	131,058
2007	1,490,951.81	857,297	900,043	590,909	8.50	69,519
2008	2,973,602.05	1,561,141	1,638,981	1,334,621	9.50	140,486
2009	2,468,625.30	1,172,597	1,231,064	1,237,561	10.50	117,863
2010	2,112,671.65	897,885	942,655	1,170,017	11.50	101,741
2011	1,302,407.22	488,403	512,755	789,652	12.50	63,172
2012	1,714,075.42	557,075	584,852	1,129,223	13.50	83,646
2013	1,551,937.58	426,783	448,063	1,103,875	14.50	76,129
2014	1,958,309.26	440,620	462,590	1,495,719	15.50	96,498
2015	629,563.13	110,174	115,667	513,896	16.50	31,145
2016	6,086,796.66	760,850	798,787	5,288,010	17.50	302,172
2017	2,878,059.85	215,854	226,617	2,651,443	18.50	143,321
2018	4,240,068.72	106,002	111,288	4,128,781	19.50	211,732
	37,970,790.76	13,691,249	14,370,204	23,600,587		1,796,114
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						13.1 4.73

AMEREN MISSOURI

ACCOUNT 391.2 OFFICE FURNITURE AND EQUIPMENT - PERSONAL COMPUTERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	6,883,699.26	6,195,329	5,870,569	1,013,130	0.50	1,013,130
2015	9,625,267.21	6,737,687	6,384,496	3,240,771	1.50	2,160,514
2016	11,686,710.17	5,843,355	5,537,045	6,149,665	2.50	2,459,866
2017	8,942,613.89	2,682,784	2,542,152	6,400,462	3.50	1,828,703
2018	10,130,247.52	1,013,025	959,922	9,170,326	4.50	2,037,850
	47,268,538.05	22,472,180	21,294,184	25,974,354		9,500,063
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						2.7 20.10

AMEREN MISSOURI

ACCOUNT 391.3 OFFICE FURNITURE AND EQUIPMENT - EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	158,983.63	153,685	158,496	488	0.50	488
2005	127,114.05	114,403	117,984	9,130	1.50	6,087
2006	230,000.64	191,666	197,666	32,335	2.50	12,934
2007	152,067.16	116,585	120,234	31,833	3.50	9,095
2008	273,376.79	191,364	197,354	76,023	4.50	16,894
2009	518,106.03	328,132	338,403	179,703	5.50	32,673
2010	489,831.98	277,573	286,262	203,570	6.50	31,318
2011	375,780.55	187,890	193,771	182,010	7.50	24,268
2012	118,994.68	51,564	53,178	65,817	8.50	7,743
2013	170,611.85	62,558	64,516	106,096	9.50	11,168
2014	106,097.96	31,829	32,825	73,273	10.50	6,978
2015	226,652.88	52,885	54,541	172,112	11.50	14,966
2016	140,009.54	23,335	24,065	115,945	12.50	9,276
2017	356,423.76	35,642	36,758	319,666	13.50	23,679
2018	71,683.59	2,389	2,464	69,220	14.50	4,774
	3,515,735.09	1,821,500	1,878,517	1,637,218		212,341
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 7.7						6.04



AMEREN MISSOURI

ACCOUNT 392 TRANSPORTATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 11-R2						
NET SALVAGE PERCENT.. +15						
1929	1,683.24	1,431	1,431			
1979	18,839.31	16,013	16,013			
1980	69,996.69	59,497	59,497			
1986	43,796.59	37,227	37,227			
1987	38,190.28	32,462	32,462			
1988	71,632.92	60,888	60,888			
1989	15,059.52	12,801	12,801			
1990	28,962.98	24,619	24,619			
1991	158,932.57	135,093	135,093			
1992	246,311.37	209,365	209,365			
1993	12,192.30	10,363	10,363			
1994	29,373.28	24,967	24,967			
1995	382,716.48	325,309	325,309			
1996	66,134.64	56,214	56,214			
1997	4,111.76	3,495	3,495			
1998	85,623.85	72,780	72,780			
2000	78,601.83	63,714	66,812			
2001	183,120.60	144,474	154,623	1,030	0.79	1,030
2002	904,088.42	693,026	741,711	26,764	1.08	24,781
2003	209,437.77	155,689	166,626	11,396	1.38	8,258
2004	485,277.80	349,487	374,039	38,447	1.68	22,885
2005	1,332,229.73	924,442	989,384	143,011	2.02	70,798
2006	1,971,777.86	1,311,864	1,404,023	271,988	2.39	113,803
2007	8,240,117.93	5,214,903	5,581,252	1,422,848	2.81	506,352
2008	3,460,632.87	2,061,753	2,206,592	734,946	3.29	223,388
2009	7,912,914.18	4,390,247	4,698,664	2,027,313	3.82	530,710
2010	13,866,278.94	7,071,802	7,568,599	4,217,738	4.40	958,577
2011	17,311,937.24	7,986,352	8,547,397	6,167,750	5.03	1,226,193
2012	13,867,349.32	5,668,605	6,066,827	5,720,420	5.71	1,001,825
2013	11,386,275.17	4,020,864	4,303,332	5,375,002	6.43	835,926
2014	10,551,045.36	3,106,291	3,324,509	5,643,880	7.19	784,962
2015	11,644,852.28	2,717,530	2,908,438	6,989,686	7.98	875,901
2016	12,252,684.55	2,073,479	2,219,142	8,195,640	8.81	930,266
2017	11,714,080.33	1,203,897	1,288,471	8,668,497	9.67	896,432
2018	9,557,294.49	332,341	355,688	7,768,012	10.55	736,304
	138,203,554.45	50,573,284	54,048,653	63,424,368		9,748,391
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						6.5 7.05

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 392.05 TRANSPORTATION EQUIPMENT - TRAINING ASSETS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2011	159,840.86	159,841	159,841			
	159,840.86	159,841	159,841			
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						0.0 0.00

AMEREN MISSOURI

ACCOUNT 393 STORES EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
1996	5,184.86	5,185	5,185			
1998	28,337.75	28,338	28,338			
1999	81,591.83	79,552	78,547	3,045	0.50	3,045
2000	29,173.83	26,986	26,645	2,529	1.50	1,686
2001	74,490.16	65,179	64,356	10,134	2.50	4,054
2002	140,520.39	115,929	114,465	26,055	3.50	7,444
2003	30,832.34	23,895	23,593	7,239	4.50	1,609
2004	83,178.64	60,305	59,544	23,635	5.50	4,297
2005	64,623.37	43,621	43,070	21,553	6.50	3,316
2006	160,286.84	100,179	98,914	61,373	7.50	8,183
2007	106,039.68	60,973	60,203	45,837	8.50	5,393
2008	552,665.22	290,149	286,485	266,180	9.50	28,019
2009	358,304.03	170,194	168,045	190,259	10.50	18,120
2010	324,621.22	137,964	136,222	188,399	11.50	16,383
2011	395,456.43	148,296	146,424	249,032	12.50	19,923
2012	295,530.05	96,047	94,834	200,696	13.50	14,866
2013	226,703.66	62,344	61,557	165,147	14.50	11,389
2014	215,774.65	48,549	47,936	167,839	15.50	10,828
2015	214,146.76	37,476	37,003	177,144	16.50	10,736
2016	165,596.29	20,700	20,438	145,158	17.50	8,295
2017	243,011.53	18,226	17,996	225,016	18.50	12,163
2018	326,647.86	8,166	8,063	318,585	19.50	16,338
	4,122,717.39	1,648,253	1,627,863	2,494,854		206,087
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 12.1						5.00

Schedule JJS-D2



AMEREN MISSOURI

ACCOUNT 394 TOOLS, SHOP AND GARAGE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
1999	312,153.49	304,350	294,279	17,874	0.50	17,874
2000	420,910.26	389,342	376,459	44,451	1.50	29,634
2001	299,227.59	261,824	253,160	46,068	2.50	18,427
2002	511,514.75	422,000	408,036	103,479	3.50	29,565
2003	929,866.84	720,647	696,801	233,066	4.50	51,792
2004	500,756.92	363,049	351,036	149,721	5.50	27,222
2005	526,057.54	355,089	343,339	182,719	6.50	28,111
2006	543,073.99	339,421	328,190	214,884	7.50	28,651
2007	291,393.66	167,551	162,007	129,387	8.50	15,222
2008	1,263,021.15	663,086	641,145	621,876	9.50	65,461
2009	4,249,654.35	2,018,586	1,951,791	2,297,863	10.50	218,844
2010	1,795,563.51	763,114	737,863	1,057,701	11.50	91,974
2011	2,800,416.02	1,050,156	1,015,406	1,785,010	12.50	142,801
2012	1,987,512.92	645,942	624,568	1,362,945	13.50	100,959
2013	1,575,022.82	433,131	418,799	1,156,224	14.50	79,740
2014	1,409,649.85	317,171	306,676	1,102,974	15.50	71,160
2015	1,354,480.97	237,034	229,191	1,125,290	16.50	68,199
2016	1,499,406.86	187,426	181,224	1,318,183	17.50	75,325
2017	1,760,842.07	132,063	127,693	1,633,149	18.50	88,278
2018	2,309,565.65	57,739	55,828	2,253,738	19.50	115,576
	26,340,091.21	9,828,721	9,503,491	16,836,600		1,364,815
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						12.3 5.18

AMEREN MISSOURI

ACCOUNT 394.05 TOOLS, SHOP AND GARAGE EQUIPMENT - TRAINING ASSETS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2009	177,744.27	177,744	177,744			
2010	399,552.88	399,553	399,553			
2011	421,521.72	421,522	421,522			
2012	635,059.72	635,060	635,060			
2013	356,897.68	356,898	356,898			
2014	129,623.91	116,662	47,065	82,559	0.50	82,559
2018	2,436.50	244	98	2,338	4.50	520
	2,122,836.68	2,107,683	2,037,940	84,897		83,079

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 1.0 3.91

AMEREN MISSOURI

ACCOUNT 395 LABORATORY EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2000	93,887.97	86,846	86,383	7,505	1.50	5,003
2001	156,961.73	137,342	136,610	20,352	2.50	8,141
2002	117,271.76	96,749	96,233	21,039	3.50	6,011
2003	394,348.85	305,620	303,991	90,358	4.50	20,080
2004	191,296.31	138,690	137,951	53,345	5.50	9,699
2005	525,273.83	354,560	352,670	172,604	6.50	26,554
2006	441,986.25	276,241	274,768	167,218	7.50	22,296
2007	348,250.24	200,244	199,176	149,074	8.50	17,538
2008	526,740.61	276,539	275,065	251,676	9.50	26,492
2009	710,383.68	337,432	335,633	374,751	10.50	35,691
2010	222,124.77	94,403	93,900	128,225	11.50	11,150
2011	688,570.01	258,214	256,837	431,733	12.50	34,539
2012	424,860.37	138,080	137,344	287,516	13.50	21,297
2013	364,756.74	100,308	99,773	264,984	14.50	18,275
2014	163,957.23	36,890	36,693	127,264	15.50	8,211
2015	280,215.64	49,038	48,776	231,440	16.50	14,027
2016	756,194.53	94,524	94,020	662,175	17.50	37,839
2017	218,895.20	16,417	16,330	202,565	18.50	10,949
2018	224,029.77	5,601	5,571	218,459	19.50	11,203
	6,850,005.49	3,003,738	2,987,724	3,862,281		344,995

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 11.2 5.04



AMEREN MISSOURI

ACCOUNT 396 POWER OPERATED EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 15-L2						
NET SALVAGE PERCENT.. +15						
1966	7,210.00	6,128	6,128			
1973	15,378.83	13,072	13,072			
1978	5,021.58	4,149	3,574	694	0.42	694
1979	2,793.06	2,281	1,965	409	0.59	409
1982	19,822.51	15,602	13,441	3,408	1.11	3,070
1983	26,399.88	20,525	17,682	4,758	1.28	3,717
1984	32,015.15	24,546	21,147	6,066	1.47	4,127
1987	4,958.79	3,645	3,140	1,075	2.03	530
1988	23,083.94	16,704	14,391	5,230	2.23	2,345
1989	11,816.39	8,417	7,251	2,793	2.43	1,149
1992	39,032.92	26,410	22,752	10,426	3.06	3,407
1993	145,211.54	96,439	83,083	40,347	3.28	12,301
1994	168,559.18	109,749	94,550	48,725	3.51	13,882
1996	25,022.54	15,612	13,450	7,819	3.99	1,960
1998	24,582.84	14,655	12,625	8,270	4.48	1,846
2001	214,943.93	119,000	102,519	80,183	5.23	15,331
2002	110,588.76	59,659	51,397	42,603	5.48	7,774
2003	391,455.25	205,854	177,345	155,392	5.72	27,166
2004	602,142.32	308,459	265,740	246,081	5.96	41,289
2005	336,106.45	167,606	144,394	141,296	6.20	22,790
2006	102,395.36	49,495	42,640	44,396	6.47	6,862
2007	809,954.92	378,193	325,816	362,646	6.76	53,646
2008	149,757.70	67,042	57,757	69,537	7.10	9,794
2009	289,169.96	122,897	105,877	139,917	7.50	18,656
2010	827,609.70	329,694	284,033	419,435	7.97	52,627
2011	1,772,993.03	649,039	559,151	947,893	8.54	110,994
2012	2,118,074.28	694,940	598,696	1,201,667	9.21	130,474
2013	1,083,474.51	309,440	266,585	654,368	9.96	65,700
2014	716,969.45	171,047	147,358	462,066	10.79	42,824
2015	872,106.97	165,553	142,625	598,666	11.65	51,388
2016	872,997.59	120,709	103,991	638,057	12.56	50,801
2017	1,574,771.19	132,075	113,784	1,224,772	13.52	90,590
2018	1,359,647.63	38,519	33,184	1,122,516	14.50	77,415
	14,756,068.15	4,467,155	3,851,143	8,691,515		925,558

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 9.4 6.27

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 397 COMMUNICATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	3,779,658.99	3,653,683	3,649,019	130,640	0.50	130,640
2005	4,458,020.70	4,012,219	4,007,097	450,924	1.50	300,616
2006	1,436,672.09	1,197,222	1,195,694	240,978	2.50	96,391
2007	588,424.14	451,127	450,551	137,873	3.50	39,392
2008	3,797,979.51	2,658,586	2,655,192	1,142,788	4.50	253,953
2009	9,668,949.03	6,123,635	6,115,818	3,553,131	5.50	646,024
2010	3,551,269.28	2,012,398	2,009,829	1,541,440	6.50	237,145
2011	11,802,942.93	5,901,471	5,893,937	5,909,006	7.50	787,867
2012	8,341,515.99	3,614,629	3,610,015	4,731,501	8.50	556,647
2013	636,809.59	233,499	233,201	403,609	9.50	42,485
2014	8,725,399.81	2,617,620	2,614,278	6,111,122	10.50	582,012
2015	3,748,847.10	874,718	873,601	2,875,246	11.50	250,021
2016	7,710,331.20	1,285,081	1,283,441	6,426,890	12.50	514,151
2017	4,237,900.56	423,790	423,249	3,814,652	13.50	282,567
2018	15,589,513.26	519,598	518,935	15,070,578	14.50	1,039,350
	88,074,234.18	35,579,276	35,533,857	52,540,377		5,759,261
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						9.1 6.54

Schedule JJS-D2

AMEREN MISSOURI

ACCOUNT 397.05 COMMUNICATION EQUIPMENT - TRAINING ASSETS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2011	1,311.28	1,311	1,311			
2012	11,014.86	11,015	11,015			
	12,326.14	12,326	12,326			
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						0.0 0.00



AMEREN MISSOURI

ACCOUNT 398 MISCELLANEOUS EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
1999	13,221.05	12,891	12,895	326	0.50	326
2000	3,582.42	3,314	3,315	267	1.50	178
2001	21,529.91	18,839	18,844	2,686	2.50	1,074
2002	3,221.38	2,658	2,659	562	3.50	161
2003	10,040.19	7,781	7,783	2,257	4.50	502
2004	2,924.37	2,120	2,121	803	5.50	146
2005	28,063.60	18,943	18,948	9,116	6.50	1,402
2006	47,411.87	29,632	29,641	17,771	7.50	2,369
2007	74,630.94	42,913	42,925	31,706	8.50	3,730
2008	213,722.16	112,204	112,236	101,486	9.50	10,683
2009	32,259.39	15,323	15,327	16,932	10.50	1,613
2010	110,509.03	46,966	46,980	63,529	11.50	5,524
2011	211,168.49	79,188	79,211	131,957	12.50	10,557
2012	59,452.54	19,322	19,328	40,125	13.50	2,972
2013	111,077.51	30,546	30,555	80,523	14.50	5,553
2014	101,278.07	22,788	22,794	78,484	15.50	5,063
2015	89,110.56	15,594	15,599	73,512	16.50	4,455
2016	138,091.06	17,261	17,266	120,825	17.50	6,904
2017	153,792.05	11,534	11,537	142,255	18.50	7,689
2018	139,804.39	3,495	3,496	136,308	19.50	6,990
	1,564,890.98	513,312	513,460	1,051,431		77,891

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 13.5 4.98

**BEFORE THE PUBLIC SERVICE COMMISSION  
OF THE STATE OF MISSOURI**

In the Matter of Union Electric Company d/b/a )  
Ameren Missouri's Tariffs to Decrease Its Revenues ) File No. ER-2019-0335  
for Electric Service. )

**AFFIDAVIT OF JOHN S. SPANOS**

**COMMONWEALTH OF PENNSYLVANIA** )  
 ) ss  
**COUNTY OF CUMBERLAND** )

John J. Spanos, being first duly sworn on his oath, states:

1. My name is John S. Spanos. I work in the County of Cumberland, and I am employed by Gannett Fleming Valuation and Rate Consultants, LLC as President.

2. Attached hereto and made a part hereof for all purposes is my Direct Testimony on behalf of Union Electric Company d/b/a Ameren Missouri consisting of 16 pages and Schedule(s) JJS-D1 and JJS-D2, all of which have been prepared in written form for introduction into evidence in the above-referenced docket.

3. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded are true and correct.

  
\_\_\_\_\_  
John J. Spanos

Subscribed and sworn to before me this 29th day of June, 2019.

  
\_\_\_\_\_  
Notary Public

My commission expires:  
February 20, 2023

Commonwealth of Pennsylvania - Notary Seal  
Cheryl Ann Rutter, Notary Public  
Cumberland County  
My commission expires February 20, 2023  
Commission number 1143028  
Member, Pennsylvania Association of Notaries