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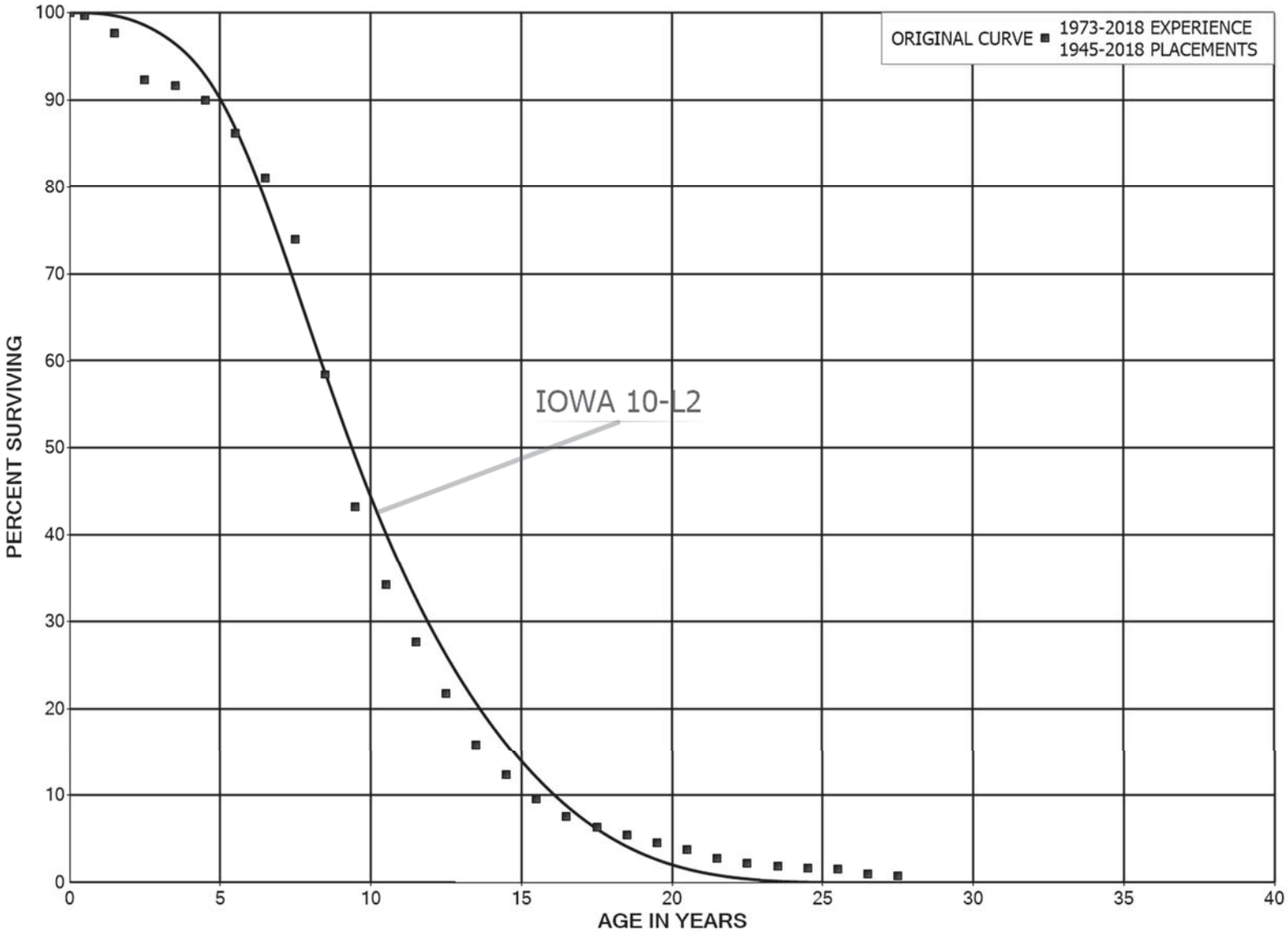
EXHIBIT A

DUKE ENERGY CAROLINAS
ACCOUNT 392.15 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS / POWER EQUIPPED
ORIGINAL AND SMOOTH SURVIVOR CURVES



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DUKE ENERGY CAROLINAS

ACCOUNT 392.15 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS / POWER EQUIPPED

ORIGINAL LIFE TABLE

PLACEMENT BAND 1945-2018 EXPERIENCE BAND 1973-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	70,927,730	236,855	0.0033	0.9967	100.00
0.5	68,804,128	1,409,212	0.0205	0.9795	99.67
1.5	68,145,477	3,740,425	0.0549	0.9451	97.62
2.5	64,395,924	473,993	0.0074	0.9926	92.27
3.5	66,051,072	1,153,925	0.0175	0.9825	91.59
4.5	65,033,542	2,749,674	0.0423	0.9577	89.99
5.5	62,197,087	3,684,005	0.0592	0.9408	86.18
6.5	58,575,680	5,190,715	0.0886	0.9114	81.08
7.5	53,637,606	11,242,694	0.2096	0.7904	73.89
8.5	43,701,912	11,390,036	0.2606	0.7394	58.40
9.5	32,288,718	6,771,112	0.2097	0.7903	43.18
10.5	26,149,766	5,011,050	0.1916	0.8084	34.13
11.5	21,334,273	4,507,610	0.2113	0.7887	27.59
12.5	16,921,747	4,615,598	0.2728	0.7272	21.76
13.5	12,548,961	2,841,219	0.2264	0.7736	15.82
14.5	10,031,010	2,213,425	0.2207	0.7793	12.24
15.5	7,918,593	1,723,482	0.2177	0.7823	9.54
16.5	6,205,948	982,885	0.1584	0.8416	7.46
17.5	4,767,151	688,564	0.1444	0.8556	6.28
18.5	4,078,587	640,116	0.1569	0.8431	5.37
19.5	3,438,471	597,880	0.1739	0.8261	4.53
20.5	2,125,189	570,466	0.2684	0.7316	3.74
21.5	1,554,723	293,288	0.1886	0.8114	2.74
22.5	1,261,435	244,983	0.1942	0.8058	2.22
23.5	1,016,452	98,432	0.0968	0.9032	1.79
24.5	1,720,756	109,557	0.0637	0.9363	1.62
25.5	1,611,199	652,016	0.4047	0.5953	1.51
26.5	922,638	157,975	0.1712	0.8288	0.90
27.5	764,663	561,493	0.7343	0.2657	0.75
28.5	96,067	27,652	0.2878	0.7122	0.20
29.5	68,415		0.0000	1.0000	0.14
30.5	68,415		0.0000	1.0000	0.14
31.5	52,531		0.0000	1.0000	0.14
32.5	52,531		0.0000	1.0000	0.14
33.5	52,531	52,531	1.0000		0.14
34.5					
35.5	10,573		0.0000		
36.5	10,573		0.0000		
37.5	10,573		0.0000		
38.5	10,573		0.0000		
39.5	10,573	10,573	1.0000		
40.5					

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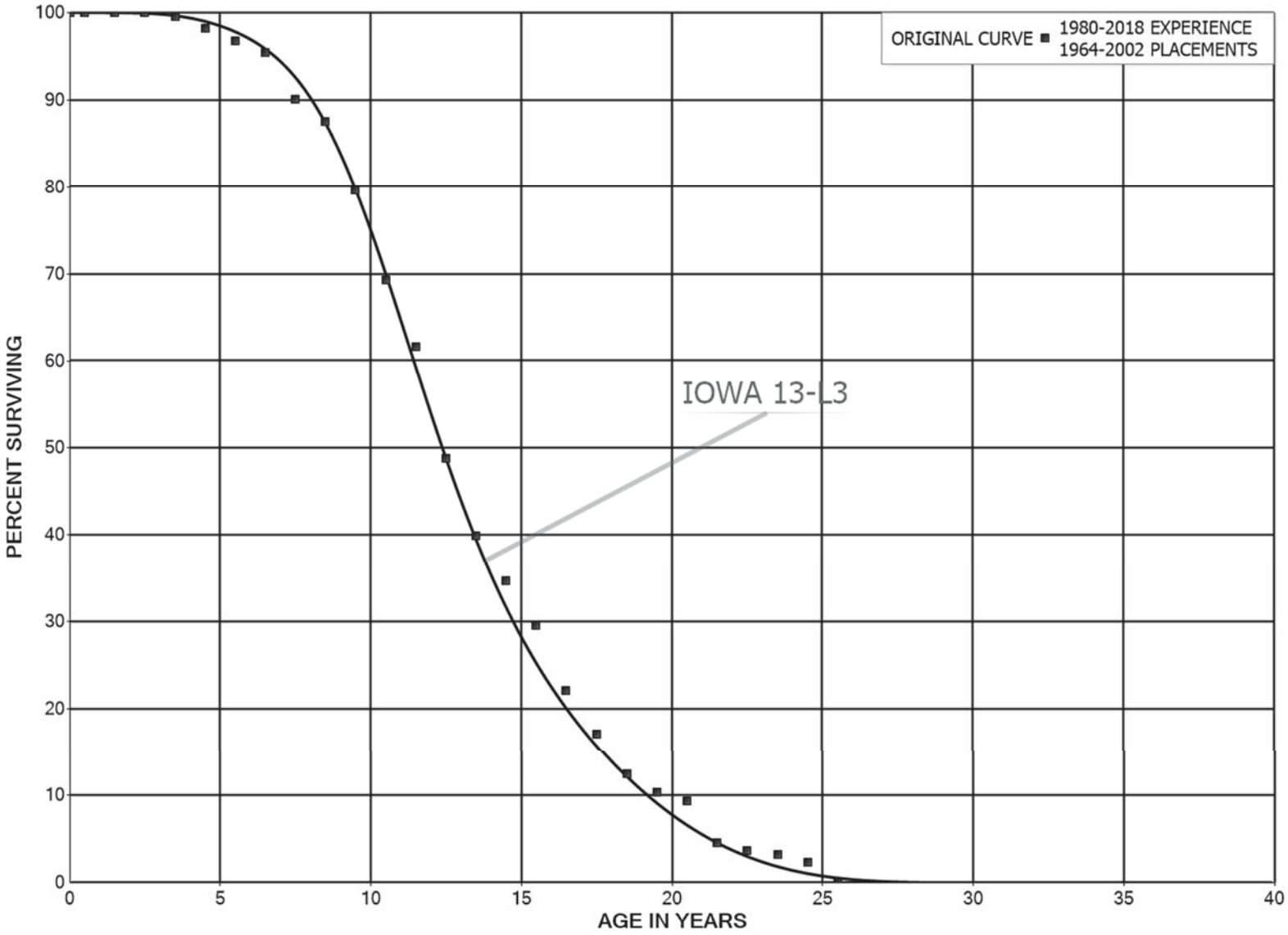
EXHIBIT A

DUKE ENERGY CAROLINAS
ACCOUNT 392.16 TRANSPORTATION EQUIPMENT - TRACTORS
ORIGINAL AND SMOOTH SURVIVOR CURVES



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DUKE ENERGY CAROLINAS

ACCOUNT 392.16 TRANSPORTATION EQUIPMENT - TRACTORS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1964-2002 EXPERIENCE BAND 1980-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	4,822,334		0.0000	1.0000	100.00
0.5	4,938,805		0.0000	1.0000	100.00
1.5	5,017,540	2,757	0.0005	0.9995	100.00
2.5	5,489,206	23,396	0.0043	0.9957	99.95
3.5	5,556,685	73,712	0.0133	0.9867	99.52
4.5	5,742,058	86,947	0.0151	0.9849	98.20
5.5	6,076,941	84,080	0.0138	0.9862	96.71
6.5	6,118,810	340,935	0.0557	0.9443	95.37
7.5	6,018,588	168,295	0.0280	0.9720	90.06
8.5	6,098,295	549,769	0.0902	0.9098	87.54
9.5	5,762,731	748,821	0.1299	0.8701	79.65
10.5	5,222,164	582,024	0.1115	0.8885	69.30
11.5	4,852,420	1,012,796	0.2087	0.7913	61.58
12.5	3,950,710	717,811	0.1817	0.8183	48.72
13.5	3,211,653	419,104	0.1305	0.8695	39.87
14.5	2,846,857	421,319	0.1480	0.8520	34.67
15.5	2,452,723	617,794	0.2519	0.7481	29.54
16.5	1,769,032	402,897	0.2277	0.7723	22.10
17.5	1,378,606	380,769	0.2762	0.7238	17.06
18.5	997,837	163,362	0.1637	0.8363	12.35
19.5	834,475	80,838	0.0969	0.9031	10.33
20.5	753,637	388,450	0.5154	0.4846	9.33
21.5	365,187	75,986	0.2081	0.7919	4.52
22.5	289,201	30,905	0.1069	0.8931	3.58
23.5	258,296	74,727	0.2893	0.7107	3.20
24.5	183,569	183,569	1.0000		2.27
25.5					

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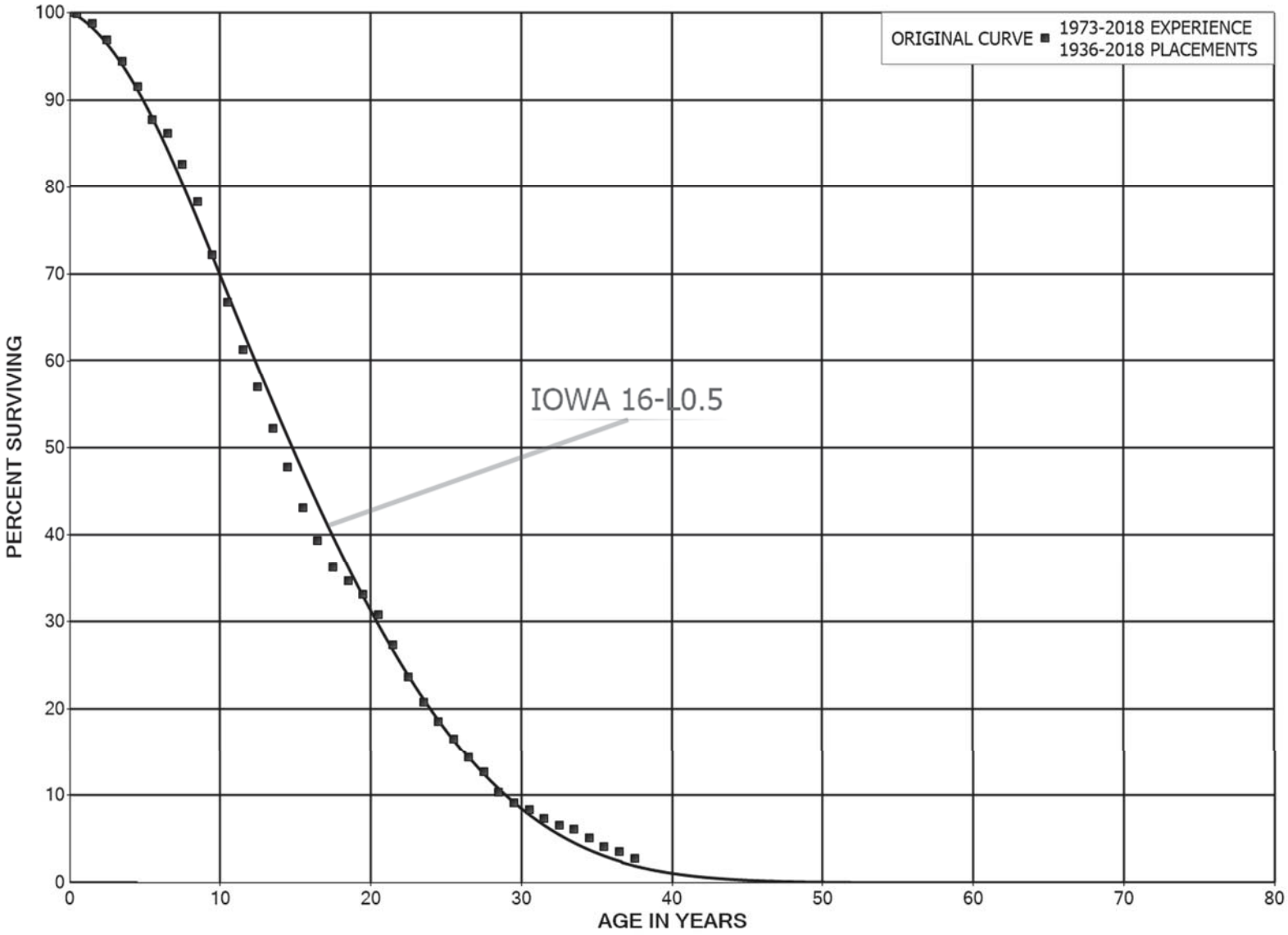
EXHIBIT A

DUKE ENERGY CAROLINAS
ACCOUNT 392.18 TRANSPORTATION EQUIPMENT - TRAILERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



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DUKE ENERGY CAROLINAS

ACCOUNT 392.18 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1936-2018 EXPERIENCE BAND 1973-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	19,385,476	36,403	0.0019	0.9981	100.00
0.5	18,929,131	211,895	0.0112	0.9888	99.81
1.5	15,277,247	284,034	0.0186	0.9814	98.69
2.5	14,823,277	371,460	0.0251	0.9749	96.86
3.5	14,766,267	456,087	0.0309	0.9691	94.43
4.5	14,038,412	578,813	0.0412	0.9588	91.52
5.5	13,223,462	237,843	0.0180	0.9820	87.74
6.5	12,881,710	533,747	0.0414	0.9586	86.16
7.5	12,367,517	649,292	0.0525	0.9475	82.59
8.5	11,565,285	901,762	0.0780	0.9220	78.26
9.5	10,850,764	823,594	0.0759	0.9241	72.16
10.5	10,184,126	815,722	0.0801	0.9199	66.68
11.5	9,534,177	688,524	0.0722	0.9278	61.34
12.5	8,815,223	738,671	0.0838	0.9162	56.91
13.5	8,127,276	684,402	0.0842	0.9158	52.14
14.5	7,531,589	735,612	0.0977	0.9023	47.75
15.5	6,926,522	606,298	0.0875	0.9125	43.09
16.5	6,276,499	494,714	0.0788	0.9212	39.31
17.5	5,745,643	247,114	0.0430	0.9570	36.22
18.5	5,521,752	256,136	0.0464	0.9536	34.66
19.5	5,267,664	366,175	0.0695	0.9305	33.05
20.5	4,904,033	547,804	0.1117	0.8883	30.75
21.5	4,394,663	593,590	0.1351	0.8649	27.32
22.5	3,786,270	464,961	0.1228	0.8772	23.63
23.5	3,130,211	330,717	0.1057	0.8943	20.73
24.5	2,608,013	279,753	0.1073	0.8927	18.54
25.5	2,234,088	301,456	0.1349	0.8651	16.55
26.5	1,922,733	228,162	0.1187	0.8813	14.32
27.5	1,586,472	299,858	0.1890	0.8110	12.62
28.5	1,147,381	134,780	0.1175	0.8825	10.23
29.5	862,355	75,516	0.0876	0.9124	9.03
30.5	723,133	84,301	0.1166	0.8834	8.24
31.5	599,472	65,638	0.1095	0.8905	7.28
32.5	490,570	31,177	0.0636	0.9364	6.48
33.5	446,731	76,109	0.1704	0.8296	6.07
34.5	360,387	67,166	0.1864	0.8136	5.04
35.5	291,371	39,267	0.1348	0.8652	4.10
36.5	245,118	52,961	0.2161	0.7839	3.55
37.5	180,927	7,154	0.0395	0.9605	2.78
38.5	157,159	4,121	0.0262	0.9738	2.67

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DUKE ENERGY CAROLINAS

ACCOUNT 392.18 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1936-2018 EXPERIENCE BAND 1973-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	131,655	5,762	0.0438	0.9562	2.60
40.5	104,395	992	0.0095	0.9905	2.49
41.5	90,568	120	0.0013	0.9987	2.46
42.5	87,549	13,971	0.1596	0.8404	2.46
43.5	71,589	2,169	0.0303	0.9697	2.07
44.5	62,311	407	0.0065	0.9935	2.00
45.5	62,240	14,208	0.2283	0.7717	1.99
46.5	45,869	9,037	0.1970	0.8030	1.54
47.5	32,982	2,152	0.0652	0.9348	1.23
48.5	30,830	1,591	0.0516	0.9484	1.15
49.5	16,951	337	0.0199	0.9801	1.09
50.5	5,307	210	0.0396	0.9604	1.07
51.5	5,096		0.0000	1.0000	1.03
52.5	2,559		0.0000	1.0000	1.03
53.5	2,559	1	0.0004	0.9996	1.03
54.5	2,558		0.0000	1.0000	1.03
55.5	2,558	125	0.0489	0.9511	1.03
56.5	2,433	101	0.0415	0.9585	0.98
57.5	628		0.0000	1.0000	0.94
58.5	628	232	0.3694	0.6306	0.94
59.5	396	203	0.5126	0.4874	0.59
60.5	193	99	0.5130	0.4870	0.29
61.5	92		0.0000	1.0000	0.14
62.5	92		0.0000	1.0000	0.14
63.5	92		0.0000	1.0000	0.14
64.5	92	92	1.0000		0.14
65.5					

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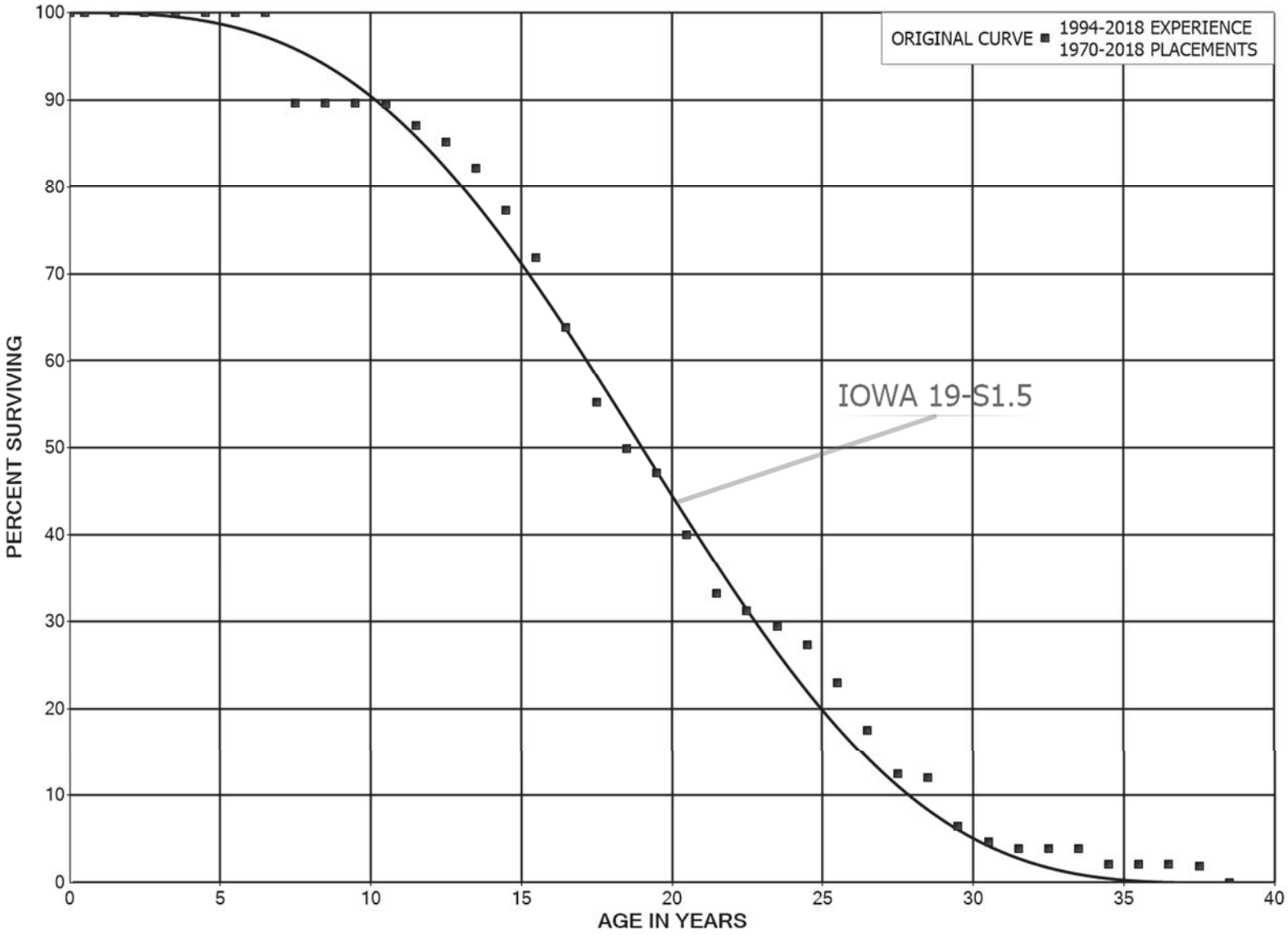
EXHIBIT A

DUKE ENERGY CAROLINAS
ACCOUNT 396.04 POWER OPERATED EQUIPMENT - MOBILE CRANES
ORIGINAL AND SMOOTH SURVIVOR CURVES



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DUKE ENERGY CAROLINAS

ACCOUNT 396.04 POWER OPERATED EQUIPMENT - MOBILE CRANES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1970-2018 EXPERIENCE BAND 1994-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,543,906		0.0000	1.0000	100.00
0.5	1,034,777		0.0000	1.0000	100.00
1.5	1,754,988		0.0000	1.0000	100.00
2.5	2,221,170		0.0000	1.0000	100.00
3.5	2,435,188		0.0000	1.0000	100.00
4.5	2,875,102		0.0000	1.0000	100.00
5.5	3,041,468		0.0000	1.0000	100.00
6.5	4,023,063	418,034	0.1039	0.8961	100.00
7.5	5,124,135		0.0000	1.0000	89.61
8.5	6,805,006		0.0000	1.0000	89.61
9.5	6,805,006	6,657	0.0010	0.9990	89.61
10.5	6,861,205	186,375	0.0272	0.9728	89.52
11.5	6,674,830	145,911	0.0219	0.9781	87.09
12.5	6,528,919	230,127	0.0352	0.9648	85.19
13.5	6,298,792	378,419	0.0601	0.9399	82.18
14.5	5,920,373	413,550	0.0699	0.9301	77.25
15.5	8,918,289	992,876	0.1113	0.8887	71.85
16.5	7,925,413	1,082,962	0.1366	0.8634	63.85
17.5	6,842,451	654,402	0.0956	0.9044	55.13
18.5	6,188,049	349,021	0.0564	0.9436	49.85
19.5	5,839,028	879,514	0.1506	0.8494	47.04
20.5	5,229,880	891,996	0.1706	0.8294	39.96
21.5	4,337,884	260,381	0.0600	0.9400	33.14
22.5	4,124,857	231,276	0.0561	0.9439	31.15
23.5	4,145,321	293,899	0.0709	0.9291	29.41
24.5	3,912,139	631,234	0.1614	0.8386	27.32
25.5	3,280,905	770,765	0.2349	0.7651	22.91
26.5	2,510,140	730,678	0.2911	0.7089	17.53
27.5	1,779,462	70,348	0.0395	0.9605	12.43
28.5	1,709,114	793,306	0.4642	0.5358	11.94
29.5	915,808	261,767	0.2858	0.7142	6.40
30.5	654,041	105,718	0.1616	0.8384	4.57
31.5	548,323		0.0000	1.0000	3.83
32.5	548,323		0.0000	1.0000	3.83
33.5	548,323	251,740	0.4591	0.5409	3.83
34.5	296,583		0.0000	1.0000	2.07
35.5	296,583		0.0000	1.0000	2.07
36.5	296,583	40,000	0.1349	0.8651	2.07
37.5	256,583	256,583	1.0000		1.79
38.5					

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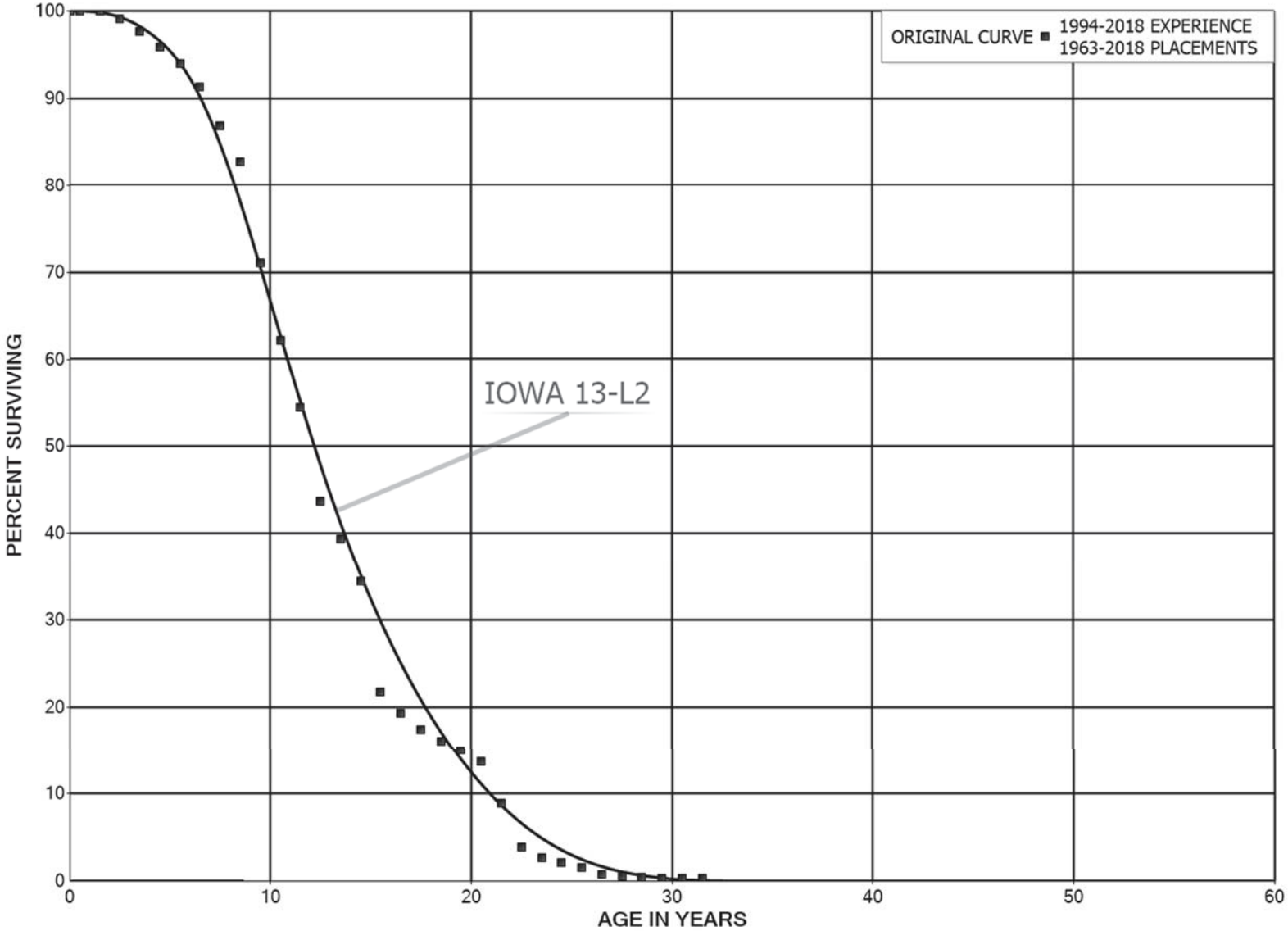
DUKE ENERGY CAROLINAS
ACCOUNTS 396 AND 396.07 - POWER OPERATED EQUIPMENT - MISCELLANEOUS - EQUIPMENT AND NON-HIGHWAY EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



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DUKE ENERGY CAROLINAS

ACCOUNTS 396 AND 396.07 - POWER OPERATED EQUIPMENT - MISCELLANEOUS - EQUIPMENT AND NON-HIGHWAY EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1963-2018 EXPERIENCE BAND 1994-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	14,621,452		0.0000	1.0000	100.00
0.5	14,610,384	14,974	0.0010	0.9990	100.00
1.5	5,942,902	47,042	0.0079	0.9921	99.90
2.5	6,135,474	92,236	0.0150	0.9850	99.11
3.5	6,537,544	115,738	0.0177	0.9823	97.62
4.5	6,777,447	137,196	0.0202	0.9798	95.89
5.5	7,284,264	207,419	0.0285	0.9715	93.95
6.5	7,382,819	362,239	0.0491	0.9509	91.27
7.5	7,395,305	345,957	0.0468	0.9532	86.79
8.5	7,275,300	1,023,939	0.1407	0.8593	82.73
9.5	6,414,835	804,780	0.1255	0.8745	71.09
10.5	5,427,981	679,157	0.1251	0.8749	62.17
11.5	4,612,948	909,670	0.1972	0.8028	54.39
12.5	3,063,058	304,855	0.0995	0.9005	43.67
13.5	2,775,383	345,233	0.1244	0.8756	39.32
14.5	2,453,144	907,628	0.3700	0.6300	34.43
15.5	1,562,316	175,876	0.1126	0.8874	21.69
16.5	1,625,491	160,390	0.0987	0.9013	19.25
17.5	1,487,287	114,809	0.0772	0.9228	17.35
18.5	1,384,108	92,874	0.0671	0.9329	16.01
19.5	1,314,851	116,700	0.0888	0.9112	14.94
20.5	1,198,151	416,562	0.3477	0.6523	13.61
21.5	792,603	453,049	0.5716	0.4284	8.88
22.5	347,511	113,465	0.3265	0.6735	3.80
23.5	234,046	42,890	0.1833	0.8167	2.56
24.5	295,244	79,592	0.2696	0.7304	2.09
25.5	215,652	111,463	0.5169	0.4831	1.53
26.5	104,189	36,932	0.3545	0.6455	0.74
27.5	67,257	8,743	0.1300	0.8700	0.48
28.5	58,514	11,763	0.2010	0.7990	0.41
29.5	46,751		0.0000	1.0000	0.33
30.5	46,751	2,216	0.0474	0.9526	0.33
31.5	44,535	24,804	0.5570	0.4430	0.32
32.5	19,731	4,382	0.2221	0.7779	0.14
33.5	15,349		0.0000	1.0000	0.11
34.5	15,349	2,177	0.1418	0.8582	0.11
35.5	13,172		0.0000	1.0000	0.09
36.5	13,172	7,000	0.5314	0.4686	0.09
37.5	6,172		0.0000	1.0000	0.04
38.5	6,172		0.0000	1.0000	0.04

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DUKE ENERGY CAROLINAS

ACCOUNTS 396 AND 396.07 - POWER OPERATED EQUIPMENT - MISCELLANEOUS - EQUIPMENT AND NON-HIGHWAY EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1963-2018 EXPERIENCE BAND 1994-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	6,172		0.0000	1.0000	0.04
40.5	6,172		0.0000	1.0000	0.04
41.5	6,172	6,172	1.0000		0.04
42.5					

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PART VIII. NET SALVAGE STATISTICS

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DUKE ENERGY CAROLINAS

TABLE 1. CALCULATION OF TERMINAL AND INTERIM RETIREMENTS AS A PERCENT OF TOTAL RETIREMENTS

LOCATION	TOTAL PROJECTED RETIREMENTS	TOTAL TERMINAL RETIREMENTS		TOTAL INTERIM RETIREMENTS	
		AMOUNT	(%)	AMOUNT	(%)
(1)	(2)	(3)	(4)=(3)/(2)	(6)	(7)=(6)/(2)
STEAM PRODUCTION					
MARSHALL	(1,744,647,645.33)	(1,570,213,837.75)	90.00	(174,433,807.58)	10.00
BELEWS CREEK	(2,207,034,270.11)	(1,929,524,338.55)	87.43	(277,509,931.56)	12.57
CLIFFSIDE 5 (J.E. ROGERS)	(746,187,434.60)	(715,740,160.25)	95.92	(30,447,274.35)	4.08
CLIFFSIDE 6 (J.E. ROGBERS)	(2,103,465,497.92)	(1,714,332,248.94)	81.50	(389,133,248.98)	18.50
CLIFFSIDE COMMON (J.E. ROGERS)	(110,610,300.64)	(104,003,200.42)	94.03	(6,607,100.22)	5.97
LEE	(113,085,132.98)	(101,083,692.27)	89.39	(12,001,440.71)	10.61
ALLEN	(1,236,713,183.60)	(1,197,904,244.68)	96.86	(38,808,938.92)	3.14
TOTAL STEAM PRODUCTION	**(8,261,743,465.18)**	**(7,332,801,722.86)**	**88.76**	**(928,941,742.32)**	**11.24**
NUCLEAR PRODUCTION					
OCONEE	(4,343,945,955.73)	(3,927,604,147.12)	90.42	(416,341,808.61)	9.58
MCGUIRE	(3,325,093,560.32)	(2,143,426,717.27)	64.46	(1,181,666,843.05)	35.54
CATAWBA	(848,008,544.69)	(519,567,164.88)	61.27	(328,441,379.81)	38.73
TOTAL NUCLEAR PRODUCTION	**(8,517,048,060.74)**	**(6,590,598,029.27)**	**77.38**	**(1,926,450,031.47)**	**22.62**
HYDRO PRODUCTION					
COWANS FORD	(113,753,783.45)	(85,913,580.32)	75.53	(27,840,203.13)	24.47
BAD CREEK	(1,020,255,320.06)	(746,661,723.11)	73.18	(273,593,596.95)	26.82
JOCASSEE	(170,054,079.96)	(138,577,694.59)	81.49	(31,476,385.37)	18.51
KEOWEE	(125,826,474.04)	(109,116,347.52)	86.72	(16,710,126.52)	13.28
FISHING CREEK	(47,207,175.54)	(35,872,864.15)	75.99	(11,334,311.39)	24.01
CEDAR CREEK	(32,337,980.90)	(25,063,844.62)	77.51	(7,274,136.28)	22.49
BRIDGEWATER	(206,176,255.79)	(186,507,114.23)	90.46	(19,669,141.56)	9.54
GASTON SHOALS	(20,522,083.31)	(19,039,392.98)	92.78	(1,482,690.33)	7.22
LOOKOUT SHOALS	(21,326,840.09)	(15,471,871.56)	72.55	(5,854,968.53)	27.45
MOUNTAIN ISLAND	(28,382,786.05)	(20,429,429.48)	71.98	(7,953,356.57)	28.02
99 ISLANDS	(24,859,025.09)	(23,320,268.92)	93.81	(1,538,756.17)	6.19
OXFORD	(57,684,356.30)	(49,267,017.43)	85.41	(8,417,338.87)	14.59
RHODHISS	(30,659,082.50)	(24,285,075.32)	79.21	(6,374,007.18)	20.79
TUXEDO	(10,579,046.70)	(9,879,410.35)	93.39	(699,636.35)	6.61
WATEREE	(53,457,780.14)	(39,728,898.98)	74.32	(13,728,881.16)	25.68
WYLIE	(50,172,183.88)	(38,671,319.76)	77.08	(11,500,864.12)	22.92
GREAT FALLS	(9,793,237.70)	(6,004,049.54)	61.31	(3,789,188.16)	38.69
DEARBORN	(20,214,613.47)	(14,160,657.24)	70.05	(6,053,956.23)	29.95
NPL BEAR CREEK	(11,514,732.90)	(10,585,821.82)	91.93	(928,911.08)	8.07
NPL BRYSON	(6,309,658.63)	(6,055,494.31)	95.97	(254,164.32)	4.03
NPL CEDAR CLIFF	(7,377,131.49)	(6,680,605.41)	90.56	(696,526.08)	9.44
NPL FRANKLIN	(7,973,527.63)	(7,806,336.15)	97.90	(167,191.48)	2.10
NPL MISSION	(8,069,915.78)	(7,628,114.20)	94.53	(441,801.58)	5.47
NPL NANTAHALA	(23,186,143.22)	(18,835,346.48)	81.24	(4,350,796.74)	18.76
NPL QUEENS CREEK	(1,301,400.13)	(1,197,093.09)	91.99	(104,307.04)	8.01
NPL TENNESSEE CREEK	(7,906,197.87)	(6,692,287.48)	84.65	(1,213,910.39)	15.35
NPL THORPE	(12,445,272.88)	(9,493,785.92)	76.28	(2,951,486.96)	23.72
NPL TUCKASEGEE	(3,612,579.77)	(3,228,368.56)	89.36	(384,211.21)	10.64
TOTAL HYDRO PRODUCTION	**(2,132,958,665.27)**	**(1,666,173,813.52)**	**78.12**	**(466,784,851.75)**	**21.88**
OTHER PRODUCTION					
LINCOLN	(405,310,216.00)	(290,010,583.20)	71.55	(115,299,632.80)	28.45
DAN RIVER CC	(611,120,206.92)	(408,016,726.35)	66.77	(203,103,480.57)	33.23
LEE	(61,631,468.10)	(37,057,744.35)	60.13	(24,573,723.75)	39.87
MILL CREEK	(250,891,937.88)	(152,640,890.75)	60.84	(98,251,047.13)	39.16
ROCKINGHAM	(303,406,446.15)	(241,367,036.69)	79.55	(62,039,409.46)	20.45
BUCK CC	(606,346,014.09)	(410,916,458.58)	67.77	(195,429,555.51)	32.23
LEE CC	(553,254,745.63)	(315,671,573.14)	57.06	(237,583,172.49)	42.94
TOTAL OTHER PRODUCTION	**(2,791,961,034.77)**	**(1,855,681,013.06)**	**66.47**	**(936,280,021.71)**	**33.53**
SOLAR PRODUCTION					
MOCKSVILLE SOLAR	(31,773,279.82)	(16,804,440.87)	52.89	(14,968,838.95)	47.11
MONROE SOLAR	(116,568,189.38)	(61,490,037.47)	52.75	(55,078,151.91)	47.25
WOODLEAF SOLAR	(13,132,818.25)	(6,992,828.66)	53.25	(6,139,989.59)	46.75
TOTAL SOLAR PRODUCTION	**(161,474,287.45)**	**(85,287,307.00)**	**52.82**	**(76,186,980.45)**	**47.18**

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DUKE ENERGY CAROLINAS

TABLE 2. CALCULATION OF WEIGHTED NET SALVAGE PERCENT

ACCOUNT	TERMINAL RETIREMENTS RETIREMENTS (%)	TERMINAL RETIREMENTS NET SALVAGE (%)	INTERIM RETIREMENTS RETIREMENTS (%)	INTERIM RETIREMENTS NET SALVAGE (%)	WEIGHTED AVERAGE NET SALVAGE %
(1)	(2)	(3)	(4)	(5)	(6)=(2)*(3)+(4)*(5)
STEAM PRODUCTION					
MARSHALL	90.00	(4)	10.00	(14)	(5)
BELEWS CREEK	87.43	(5)	12.57	(14)	(7)
CLIFFSIDE 5 (J.E. ROGERS)	95.92	(4)	4.08	(14)	(4)
CLIFFSIDE 6 (J.E. ROGBERS)	81.50	(4)	18.50	(14)	(6)
CLIFFSIDE COMMON (J.E. ROGERS)	94.03	(4)	5.97	(14)	(5)
LEE	89.39	(10)	10.61	(14)	(11)
ALLEN	96.86	(4)	3.14	(14)	(4)
NUCLEAR PRODUCTION					
OCONEE	90.42	0	9.58	(9)	(1)
MCGUIRE	64.46	0	35.54	(9)	(3)
CATAWBA	61.27	0	38.73	(9)	(3)
HYDRO PRODUCTION					
COWANS FORD	75.53	(8)	24.47	(22)	(11)
BAD CREEK	73.18	(0)	26.82	(22)	(6)
JOCASSEE	81.49	(1)	18.51	(22)	(5)
KEOWEE	86.72	(2)	13.28	(22)	(5)
FISHING CREEK	75.99	(16)	24.01	(22)	(17)
CEDAR CREEK	77.51	(15)	22.49	(22)	(17)
BRIDGEWATER	90.46	(2)	9.54	(22)	(4)
GASTON SHOALS	92.78	(16)	7.22	(22)	(17)
LOOKOUT SHOALS	72.55	(23)	27.45	(22)	(23)
MOUNTAIN ISLAND	71.98	(25)	28.02	(22)	(24)
99 ISLANDS	93.81	(19)	6.19	(22)	(19)
OXFORD	85.41	(5)	14.59	(22)	(8)
RHODHISS	79.21	(16)	20.79	(22)	(17)
TUXEDO	93.39	(19)	6.61	(22)	(19)
WATEREE	74.32	(14)	25.68	(22)	(16)
WYLIE	77.08	(13)	22.92	(22)	(15)
GREAT FALLS	61.31	(163)	38.69	(22)	(108)
DEARBORN	70.05	(26)	29.95	(22)	(25)
NPL BEAR CREEK	91.93	(10)	8.07	(22)	(11)
NPL BRYSON	95.97	(29)	4.03	(22)	(29)
NPL CEDAR CLIFF	90.56	(24)	9.44	(22)	(24)
NPL FRANKLIN	97.90	(22)	2.10	(22)	(22)
NPL MISSION	94.53	(35)	5.47	(22)	(34)
NPL NANTAHALA	81.24	(9)	18.76	(22)	(11)
NPL QUEENS CREEK	91.99	(84)	8.01	(22)	(79)
NPL TENNESSEE CREEK	84.65	(20)	15.35	(22)	(20)
NPL THORPE	76.28	(17)	23.72	(22)	(18)
NPL TUCKASEGEE	89.36	(34)	10.64	(22)	(33)
OTHER PRODUCTION					
LINCOLN	71.55	(4)	28.45	(6)	(5)
DAN RIVER CC	66.77	(5)	33.23	(6)	(5)
LEE	60.13	(6)	39.87	(6)	(6)
MILL CREEK	60.84	(4)	39.16	(6)	(5)
ROCKINGHAM	67.77	(2)	32.23	(6)	(3)
BUCK CC	67.77	(5)	32.23	(6)	(5)
LEE CC	57.06	(7)	42.94	(6)	(7)
SOLAR PRODUCTION					
MOCKSVILLE	52.89	(21)	47.11	0	(11)
MONROE	52.75	(22)	47.25	0	(12)
WOODLEAF	53.25	(19)	46.75	0	(10)

DUKE ENERGY CAROLINAS

TABLE 3. CALCULATION OF TERMINAL NET SALVAGE PERCENT

UNIT	ESTIMATED RETIREMENT YEAR	TOTAL DECOMMISSIONING COSTS	ESCALATED TOTAL DECOMMISSIONING COSTS	TERMINAL RETIREMENTS	TOTAL NET SALVAGE
(1)	(2)	(5)	(6)	(7)	(8)
STEAM PRODUCTION					
MARSHALL	2034	41,562,000	64,822,536	(1,570,213,838)	(4)
BELEWS CREEK	2037	62,677,000	105,271,152	(1,929,524,339)	(5)
CLIFFSIDE (J. E. ROGERS)	2048	48,075,000	105,945,615	(2,534,075,610)	(4)
LEE	2030	7,342,000	10,374,054	(101,083,692)	(10)
ALLEN	2024	40,102,000	48,860,393	(1,197,904,245)	(4)
TOTAL STEAM PRODUCTION		**199,758,000**	**335,273,750**	**(7,332,801,723)**	**(5)**
HYDRO PRODUCTION					
COWANS FORD	2055	2,623,000	6,871,144	(85,913,580)	(8)
BAD CREEK	2058	1,138,000	3,210,293	(746,661,723)	(0)
JOCASSEE	2046	424,000	889,369	(138,577,695)	(1)
KEOWEE	2046	1,260,000	2,642,935	(109,116,348)	(2)
FISHING CREEK	2055	2,129,000	5,577,074	(35,872,864)	(16)
CEDAR CREEK	2055	1,435,000	3,759,089	(25,063,845)	(15)
BRIDGEWATER	2055	1,225,000	3,208,979	(186,507,114)	(2)
GASTON SHOALS	2036	1,875,000	3,072,406	(19,039,393)	(16)
LOOKOUT SHOALS	2055	1,384,000	3,625,491	(15,471,872)	(23)
MOUNTAIN ISLAND	2055	1,939,000	5,079,355	(20,429,429)	(25)
99 ISLANDS	2036	2,633,000	4,314,477	(23,320,269)	(19)
OXFORD	2055	1,018,000	2,666,727	(49,267,017)	(5)
RHODHISS	2055	1,465,000	3,837,677	(24,285,075)	(16)
TUXEDO	2041	1,001,000	1,855,798	(9,879,410)	(19)
WATEREE	2055	2,095,000	5,488,009	(39,728,899)	(14)
WYLIE	2055	1,913,000	5,011,246	(38,671,320)	(13)
GREAT FALLS	2055	3,736,000	9,786,730	(6,004,050)	(163)
DEARBORN	2055	1,398,000	3,662,165	(14,160,657)	(26)
NPL BEAR CREEK	2041	593,000	1,099,389	(10,585,822)	(10)
NPL BRYSON	2041	950,000	1,761,247	(6,055,494)	(29)
NPL CEDAR CLIFF	2041	853,000	1,581,414	(6,680,605)	(24)
NPL FRANKLIN	2041	939,000	1,740,854	(7,806,336)	(22)
NPL MISSION	2041	1,430,000	2,651,140	(7,628,114)	(35)
NPL NANTAHALA	2042	881,000	1,674,158	(18,835,346)	(9)
NPL QUEENS CREEK	2032	677,000	1,005,010	(1,197,093)	(84)
NPL TENNESSEE CREEK	2041	706,000	1,308,885	(6,692,287)	(20)
NPL THORPE	2041	850,000	1,575,852	(9,493,786)	(17)
NPL TUCKASEGEE	2041	589,000	1,091,973	(3,228,369)	(34)
TOTAL HYDRO PRODUCTION		**39,159,000**	**90,048,886**	**(1,666,173,814)**	**(5)**

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EXHIBIT A

DUKE ENERGY CAROLINAS

TABLE 3. CALCULATION OF TERMINAL NET SALVAGE PERCENT

UNIT	ESTIMATED RETIREMENT YEAR	TOTAL DECOMMISSIONING COSTS	ESCALATED TOTAL DECOMMISSIONING COSTS	TERMINAL RETIREMENTS	TOTAL NET SALVAGE
(1)	(2)	(5)	(6)	(7)	(8)
OTHER PRODUCTION					
LINCOLN	2035	7,151,000	11,431,947	(290,010,583)	(4)
DAN RIVER CC	2052	8,123,000	19,759,484	(408,016,726)	(5)
LEE	2047	1,000,000	2,150,007	(37,057,744)	(6)
MILL CREEK	2043	3,328,000	6,482,278	(152,640,891)	(4)
ROCKINGHAM	2040	2,385,000	4,313,811	(241,367,037)	(2)
BUCK CC	2051	7,916,000	18,786,292	(410,916,459)	(5)
LEE CC	2058	8,123,000	21,810,774	(315,671,573)	(7)
TOTAL OTHER PRODUCTION		**38,026,000**	**84,734,593**	**(1,855,681,013)**	**(5)**
SOLAR PRODUCTION					
MOCKSVILLE	2041	1,874,000	3,474,291	(16,804,441)	(21)
MONROE	2042	7,301,280	13,536,165	(61,490,037)	(22)
WOODLEAF	2043	730,128	1,353,616	(6,992,829)	(19)
TOTAL SOLAR PRODUCTION		**9,905,408**	**18,364,072**	**(85,287,307)**	**(22)**
TOTAL PRODUCTION		**286,848,408**	**528,421,301**	**(10,939,943,856)**	**(5)**

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DUKE ENERGY CAROLINAS

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	61,868	2,428	4		0	2,428-	4-
2004	263,145	5,493	2		0	5,493-	2-
2005	268,631	1,359	1		0	1,359-	1-
2006	579,305	28,947	5		0	28,947-	5-
2007	5,038,541	110,064	2		0	110,064-	2-
2008	2,350,054	31,805	1		0	31,805-	1-
2009	1,238,440	376,140	30	109,339	9	266,801-	22-
2010	5,941,373	6,444,233	108		0	6,444,233-	108-
2011	5,295,487-	14,022	0		0	14,022-	0
2012	512,741		0		0		0
2013	176,682	355,400	201		0	355,400-	201-
2014	170,120	160,052	94		0	160,052-	94-
2015	581,678	332,468	57		0	332,468-	57-
2016	1,584,060	565,108	36		0	565,108-	36-
2017	4,745,044	268,234	6	166,879	4	101,355-	2-
2018	2,379,192	148,509	6	1,800-	0	150,309-	6-
TOTAL	20,595,388	8,844,262	43	274,418	1	8,569,844-	42-
THREE-YEAR MOVING AVERAGES							
03-05	197,881	3,093	2		0	3,093-	2-
04-06	370,360	11,933	3		0	11,933-	3-
05-07	1,962,159	46,790	2		0	46,790-	2-
06-08	2,655,967	56,939	2		0	56,939-	2-
07-09	2,875,678	172,670	6	36,446	1	136,223-	5-
08-10	3,176,622	2,284,059	72	36,446	1	2,247,613-	71-
09-11	628,109	2,278,132	363	36,446	6	2,241,685-	357-
10-12	386,209	2,152,752	557		0	2,152,752-	557-
11-13	1,535,354-	123,141	8-		0	123,141-	8
12-14	286,514	171,817	60		0	171,817-	60-
13-15	309,493	282,640	91		0	282,640-	91-
14-16	778,619	352,543	45		0	352,543-	45-
15-17	2,303,594	388,603	17	55,626	2	332,977-	14-
16-18	2,902,766	327,284	11	55,026	2	272,257-	9-
FIVE-YEAR AVERAGE							
14-18	1,892,019	294,874	16	33,016	2	261,858-	14-

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DUKE ENERGY CAROLINAS

ACCOUNT 312 BOILER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	24,510,181	2,116,157	9	8,376-	0	2,124,533-	9-
2004	18,390,930	844,618	5		0	844,618-	5-
2005	347,852	77,099	22		0	77,099-	22-
2006	3,925,256	428,253	11	289,509	7	138,744-	4-
2007	6,859,376	341,963	5	17,100-	0	359,063-	5-
2008	44,270,201	1,313,091	3	6,421-	0	1,319,512-	3-
2009	14,730,400	1,844,863	13	535,993	4	1,308,869-	9-
2010	13,163,796	2,901,321	22	33,333-	0	2,934,654-	22-
2011	60,965,511	1,008,560	2	25,982-	0	1,034,542-	2-
2012	8,441,844	7,189	0	54-	0	7,243-	0
2013	11,469,180	2,701,578	24	83,128	1	2,618,450-	23-
2014	35,815,125	13,676,923	38	2,233,203	6	11,443,720-	32-
2015	21,561,311	3,313,846	15	1,553,868	7	1,759,977-	8-
2016	48,593,466	6,342,845	13	2,377,539	5	3,965,307-	8-
2017	36,754,060	7,486,189	20	338,859	1	7,147,331-	19-
2018	37,228,155	9,099,815	24	1,516,028	4	7,583,787-	20-
TOTAL	387,026,644	53,504,311	14	8,836,860	2	44,667,451-	12-
THREE-YEAR MOVING AVERAGES							
03-05	14,416,321	1,012,625	7	2,792-	0	1,015,417-	7-
04-06	7,554,679	449,990	6	96,503	1	353,487-	5-
05-07	3,710,828	282,438	8	90,803	2	191,636-	5-
06-08	18,351,611	694,436	4	88,663	0	605,773-	3-
07-09	21,953,326	1,166,639	5	170,824	1	995,815-	5-
08-10	24,054,799	2,019,758	8	165,413	1	1,854,345-	8-
09-11	29,619,902	1,918,248	6	158,893	1	1,759,355-	6-
10-12	27,523,717	1,305,690	5	19,790-	0	1,325,480-	5-
11-13	26,958,845	1,239,109	5	19,031	0	1,220,079-	5-
12-14	18,575,383	5,461,897	29	772,092	4	4,689,804-	25-
13-15	22,948,538	6,564,116	29	1,290,066	6	5,274,049-	23-
14-16	35,323,301	7,777,871	22	2,054,870	6	5,723,001-	16-
15-17	35,636,279	5,714,293	16	1,423,422	4	4,290,872-	12-
16-18	40,858,560	7,642,950	19	1,410,808	3	6,232,142-	15-
FIVE-YEAR AVERAGE							
14-18	35,990,423	7,983,924	22	1,603,899	4	6,380,024-	18-

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DUKE ENERGY CAROLINAS

ACCOUNT 314 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	8,271,513	746,606	9	4,240-	0	750,846-	9-
2004	7,720,858	370,704	5		0	370,704-	5-
2005	5,125,149	59,643	1		0	59,643-	1-
2006	1,937,688	222,694	11	216,001	11	6,693-	0
2007	2,969,507	149,195	5	11,134-	0	160,329-	5-
2008	8,653,956	269,379	3	1,884-	0	271,263-	3-
2009	10,542,295	445,763	4	129,578	1	316,185-	3-
2010	15,844,993	185,925	1	231-	0	186,156-	1-
2011	11,451,126	87,656	1	387-	0	88,043-	1-
2012	500,458		0		0		0
2013	3,163,658	115,120	4	6-	0	115,126-	4-
2014	11,718,255	3,933,698	34	2,012,785	17	1,920,914-	16-
2015	9,511,212	1,917,707	20	3,039,439	32	1,121,733	12
2016	13,321,461	1,221,267	9	2,169,931	16	948,664	7
2017	12,929,828	7,373,835	57	3,681,996	28	3,691,839-	29-
2018	14,853,329	3,759,803	25	218-	0	3,760,021-	25-
TOTAL	138,515,285	20,858,995	15	11,231,629	8	9,627,366-	7-
THREE-YEAR MOVING AVERAGES							
03-05	7,039,173	392,318	6	1,413-	0	393,731-	6-
04-06	4,927,898	217,680	4	72,000	1	145,680-	3-
05-07	3,344,115	143,844	4	68,289	2	75,555-	2-
06-08	4,520,384	213,756	5	67,661	1	146,095-	3-
07-09	7,388,586	288,112	4	38,853	1	249,259-	3-
08-10	11,680,415	300,356	3	42,488	0	257,868-	2-
09-11	12,612,805	239,781	2	42,986	0	196,795-	2-
10-12	9,265,526	91,194	1	206-	0	91,400-	1-
11-13	5,038,414	67,592	1	131-	0	67,723-	1-
12-14	5,127,457	1,349,606	26	670,926	13	678,680-	13-
13-15	8,131,041	1,988,842	24	1,684,073	21	304,769-	4-
14-16	11,516,976	2,357,557	20	2,407,385	21	49,828	0
15-17	11,920,833	3,504,270	29	2,963,789	25	540,481-	5-
16-18	13,701,539	4,118,302	30	1,950,570	14	2,167,732-	16-
FIVE-YEAR AVERAGE							
14-18	12,466,817	3,641,262	29	2,180,787	17	1,460,475-	12-

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DUKE ENERGY CAROLINAS

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	165,612	3,900	2	28-	0	3,928-	2-
2004	8,510,912	106,601	1		0	106,601-	1-
2005	16,696	51	0		0	51-	0
2006	248,141	7,440	3	9,220	4	1,781	1
2007	410,049	5,374	1	513-	0	5,887-	1-
2008	396,007	3,216	1	29-	0	3,244-	1-
2009	315,847	268,709	85	78,106	25	190,603-	60-
2010	618,682	44,816	7		0	44,816-	7-
2011	8,016,906		0		0		0
2012	178,209		0		0		0
2013	868,632	24,974	3		0	24,974-	3-
2014	534,481	139,240	26	864	0	138,377-	26-
2015	437,636	73,359	17	24-	0	73,383-	17-
2016	2,402,714	347,341	14	8,628	0	338,713-	14-
2017	2,160,892	2,824,261	131	267,438	12	2,556,822-	118-
2018	550,873	163,723	30	5,178-	1-	168,902-	31-
TOTAL	25,832,288	4,013,003	16	358,485	1	3,654,518-	14-
THREE-YEAR MOVING AVERAGES							
03-05	2,897,740	36,850	1	9-	0	36,860-	1-
04-06	2,925,250	38,030	1	3,073	0	34,957-	1-
05-07	224,962	4,288	2	2,903	1	1,386-	1-
06-08	351,399	5,343	2	2,893	1	2,450-	1-
07-09	373,968	92,433	25	25,855	7	66,578-	18-
08-10	443,512	105,580	24	26,026	6	79,554-	18-
09-11	2,983,812	104,508	4	26,035	1	78,473-	3-
10-12	2,937,932	14,939	1		0	14,939-	1-
11-13	3,021,249	8,325	0		0	8,325-	0
12-14	527,107	54,738	10	288	0	54,450-	10-
13-15	613,583	79,191	13	280	0	78,911-	13-
14-16	1,124,944	186,647	17	3,156	0	183,491-	16-
15-17	1,667,081	1,081,654	65	92,014	6	989,639-	59-
16-18	1,704,826	1,111,775	65	90,296	5	1,021,479-	60-
FIVE-YEAR AVERAGE							
14-18	1,217,319	709,585	58	54,346	4	655,239-	54-

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DUKE ENERGY CAROLINAS

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	183,388	3,598	2		0	3,598-	2-
2004	1,312,136	13,696	1		0	13,696-	1-
2005	2,538,358	6,422	0		0	6,422-	0
2006	875,085	21,863	2		0	21,863-	2-
2007	3,085,072	33,696	1		0	33,696-	1-
2008	4,740,474	32,078	1		0	32,078-	1-
2009	1,018,443	72,568	7	21,095	2	51,473-	5-
2010	378,879	4,617-	1-		0	4,617	1
2011	2,203,386	20,804	1		0	20,804-	1-
2012	2,211,734		0		0		0
2013	53,576	26,740	50		0	26,740-	50-
2014	480,639	412,717	86	2,406-	1-	415,123-	86-
2015	1,003,238	8,867	1		0	8,867-	1-
2016	526,560	94,102	18		0	94,102-	18-
2017	1,566,405	179,481	11		0	179,481-	11-
2018	136,216	146,250	107		0	146,250-	107-
TOTAL	22,313,589	1,068,265	5	18,689	0	1,049,577-	5-
THREE-YEAR MOVING AVERAGES							
03-05	1,344,627	7,905	1		0	7,905-	1-
04-06	1,575,193	13,994	1		0	13,994-	1-
05-07	2,166,172	20,660	1		0	20,660-	1-
06-08	2,900,210	29,213	1		0	29,213-	1-
07-09	2,947,996	46,114	2	7,032	0	39,082-	1-
08-10	2,045,932	33,343	2	7,032	0	26,311-	1-
09-11	1,200,236	29,585	2	7,032	1	22,553-	2-
10-12	1,598,000	5,395	0		0	5,395-	0
11-13	1,489,565	15,848	1		0	15,848-	1-
12-14	915,316	146,486	16	802-	0	147,288-	16-
13-15	512,484	149,441	29	802-	0	150,243-	29-
14-16	670,146	171,896	26	802-	0	172,698-	26-
15-17	1,032,068	94,150	9		0	94,150-	9-
16-18	743,060	139,944	19		0	139,944-	19-
FIVE-YEAR AVERAGE							
14-18	742,612	168,284	23	481-	0	168,765-	23-

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DUKE ENERGY CAROLINAS

ACCOUNT 321 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	2,993,967	23,195	1		0	23,195-	1-
2004	17,280,991	5,591	0		0	5,591-	0
2005	7,992,284	10,932	0		0	10,932-	0
2006	11,142,930	26,623	0		0	26,623-	0
2007	15,046,388	20,549	0		0	20,549-	0
2008	14,269,307	19,910	0		0	19,910-	0
2009	5,133,126	722,480	14	5,575	0	716,905-	14-
2010	3,876,195		0		0		0
2011	6,244,032	1,784,789	29	30,815-	0	1,815,604-	29-
2012	5,248,258	57,263	1		0	57,263-	1-
2013	7,591,897	2,267,458	30	9,803-	0	2,277,261-	30-
2014	11,890,226	2,205,100	19	248,126-	2-	2,453,226-	21-
2015	10,622,151	2,745,808	26	32,537-	0	2,778,345-	26-
2016	11,464,432	4,650,518	41	26,113-	0	4,676,631-	41-
2017	19,052,892	1,527,547	8	5,751-	0	1,533,298-	8-
2018	12,108,948	375,104	3	12,617-	0	387,722-	3-
TOTAL	161,958,022	16,442,866	10	360,187-	0	16,803,053-	10-
THREE-YEAR MOVING AVERAGES							
03-05	9,422,414	13,239	0		0	13,239-	0
04-06	12,138,735	14,382	0		0	14,382-	0
05-07	11,393,867	19,368	0		0	19,368-	0
06-08	13,486,208	22,361	0		0	22,361-	0
07-09	11,482,940	254,313	2	1,858	0	252,455-	2-
08-10	7,759,542	247,463	3	1,858	0	245,605-	3-
09-11	5,084,451	835,756	16	8,413-	0	844,170-	17-
10-12	5,122,828	614,017	12	10,272-	0	624,289-	12-
11-13	6,361,396	1,369,837	22	13,539-	0	1,383,376-	22-
12-14	8,243,460	1,509,940	18	85,976-	1-	1,595,917-	19-
13-15	10,034,758	2,406,122	24	96,822-	1-	2,502,944-	25-
14-16	11,325,603	3,200,475	28	102,259-	1-	3,302,734-	29-
15-17	13,713,158	2,974,624	22	21,467-	0	2,996,091-	22-
16-18	14,208,757	2,184,390	15	14,827-	0	2,199,217-	15-
FIVE-YEAR AVERAGE							
14-18	13,027,730	2,300,815	18	65,029-	0	2,365,844-	18-

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DUKE ENERGY CAROLINAS

ACCOUNT 322 REACTOR PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	48,400,613	27,955,625	58		0	27,955,625-	58-
2004	98,169,973	2,367,890	2		0	2,367,890-	2-
2005	11,670,976	1,190,179	10		0	1,190,179-	10-
2006	7,527,213	1,340,795	18	699,649	9	641,146-	9-
2007	14,753,330	1,562,678	11	1,006,988	7	555,690-	4-
2008	34,707,066	3,652,862	11	2,437,882	7	1,214,980-	4-
2009	17,241,251	1,557,316	9	12,860	0	1,544,456-	9-
2010	23,993,986	25,318	0		0	25,318-	0
2011	27,243,372	2,850,589	10	634,519	2	2,216,070-	8-
2012	26,484,506	278,262	1	2,202-	0	280,464-	1-
2013	32,423,753	2,909,936-	9-	31,334-	0	2,878,602	9
2014	13,814,183	4,938,911	36	2,511,680-	18-	7,450,590-	54-
2015	19,940,797	15,951,654	80	1,054,596	5	14,897,058-	75-
2016	26,444,846	3,372,337	13	92,494	0	3,279,843-	12-
2017	34,432,784	1,913,908	6	188,604	1	1,725,304-	5-
2018	43,325,763	86,327	0	10,908,160	25	10,821,833	25
TOTAL	480,574,412	66,134,715	14	14,490,535	3	51,644,180-	11-
THREE-YEAR MOVING AVERAGES							
03-05	52,747,187	10,504,565	20		0	10,504,565-	20-
04-06	39,122,721	1,632,955	4	233,216	1	1,399,738-	4-
05-07	11,317,173	1,364,551	12	568,879	5	795,672-	7-
06-08	18,995,870	2,185,445	12	1,381,506	7	803,939-	4-
07-09	22,233,882	2,257,619	10	1,152,577	5	1,105,042-	5-
08-10	25,314,101	1,745,165	7	816,914	3	928,251-	4-
09-11	22,826,203	1,477,741	6	215,793	1	1,261,948-	6-
10-12	25,907,288	1,051,390	4	210,772	1	840,617-	3-
11-13	28,717,210	72,972	0	200,328	1	127,356	0
12-14	24,240,814	769,079	3	848,405-	3-	1,617,484-	7-
13-15	22,059,578	5,993,543	27	496,139-	2-	6,489,682-	29-
14-16	20,066,609	8,087,634	40	454,863-	2-	8,542,497-	43-
15-17	26,939,476	7,079,300	26	445,232	2	6,634,068-	25-
16-18	34,734,464	1,790,858	5	3,729,753	11	1,938,895	6
FIVE-YEAR AVERAGE							
14-18	27,591,675	5,252,627	19	1,946,435	7	3,306,193-	12-

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DUKE ENERGY CAROLINAS

ACCOUNT 323 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	22,939,734	16,026,461	70		0	16,026,461-	70-
2004	10,557,152	308,007	3		0	308,007-	3-
2005	7,587,256	935,882	12		0	935,882-	12-
2006	7,082,848	1,526,044	22	987,518	14	538,526-	8-
2007	10,544,205	1,298,573	12	1,037,722	10	260,851-	2-
2008	8,564,905	1,077,695	13	891,940	10	185,755-	2-
2009	12,656,242	391,900	3	3,024	0	388,877-	3-
2010	14,638,737		0		0		0
2011	2,168,154	530,248	24	9,235-	0	539,482-	25-
2012	1,566,697	94,417	6	18,689	1	75,728-	5-
2013	14,393,351	1,027,409	7	158,429	1	868,980-	6-
2014	62,283,557	2,420,696	4	6,090-	0	2,426,786-	4-
2015	45,084,098	4,890,398	11	141,605	0	4,748,793-	11-
2016	9,432,208	1,244,188-	13-	147,564	2	1,391,751	15
2017	5,025,296	937,568	19	181,800	4	755,769-	15-
2018	1,722,176	10,038	1		0	10,038-	1-
TOTAL	236,246,616	30,231,150	13	3,552,966	2	26,678,184-	11-
THREE-YEAR MOVING AVERAGES							
03-05	13,694,714	5,756,783	42		0	5,756,783-	42-
04-06	8,409,085	923,311	11	329,173	4	594,138-	7-
05-07	8,404,770	1,253,500	15	675,080	8	578,420-	7-
06-08	8,730,653	1,300,771	15	972,393	11	328,377-	4-
07-09	10,588,451	922,723	9	644,229	6	278,494-	3-
08-10	11,953,294	489,865	4	298,321	2	191,544-	2-
09-11	9,821,044	307,383	3	2,070-	0	309,453-	3-
10-12	6,124,529	208,221	3	3,151	0	205,070-	3-
11-13	6,042,734	550,691	9	55,961	1	494,730-	8-
12-14	26,081,202	1,180,841	5	57,009	0	1,123,831-	4-
13-15	40,587,002	2,779,501	7	97,982	0	2,681,520-	7-
14-16	38,933,288	2,022,302	5	94,360	0	1,927,943-	5-
15-17	19,847,201	1,527,926	8	156,989	1	1,370,937-	7-
16-18	5,393,227	98,860-	2-	109,788	2	208,648	4
FIVE-YEAR AVERAGE							
14-18	24,709,467	1,402,903	6	92,976	0	1,309,927-	5-

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DUKE ENERGY CAROLINAS

ACCOUNT 324 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	2,017,140	730,763	36		0	730,763-	36-
2004	7,188,695	108,757	2		0	108,757-	2-
2005	970,461-	62,074-	6		0	62,074	6-
2006	1,486,737	166,106	11	69,096	5	97,010-	7-
2007	4,306,631	275,031	6	141,281	3	133,750-	3-
2008	6,463,117	436,314	7	232,127	4	204,187-	3-
2009	1,865,496	246,594	13	1,903	0	244,691-	13-
2010	227,512		0		0		0
2011	4,776,515	533,264	11	238-	0	533,503-	11-
2012	8,645,354	6,016	0		0	6,015-	0
2013	14,808,105	565,104	4	14,212	0	550,892-	4-
2014	5,237,501	909,590	17	2,447-	0	912,037-	17-
2015	9,317,130	2,625,011	28	36,423	0	2,588,588-	28-
2016	3,417,774	205,013	6	523-	0	205,536-	6-
2017	8,739,788	155,234	2		0	155,234-	2-
2018	11,876,724	148,432	1	106	0	148,326-	1-
TOTAL	89,403,758	7,049,154	8	491,939	1	6,557,215-	7-
THREE-YEAR MOVING AVERAGES							
03-05	2,745,125	259,149	9		0	259,149-	9-
04-06	2,568,324	70,930	3	23,032	1	47,898-	2-
05-07	1,607,636	126,354	8	70,126	4	56,229-	3-
06-08	4,085,495	292,484	7	147,501	4	144,982-	4-
07-09	4,211,748	319,313	8	125,104	3	194,209-	5-
08-10	2,852,042	227,636	8	78,010	3	149,626-	5-
09-11	2,289,841	259,953	11	555	0	259,398-	11-
10-12	4,549,794	179,760	4	79-	0	179,839-	4-
11-13	9,409,991	368,128	4	4,658	0	363,470-	4-
12-14	9,563,654	493,570	5	3,922	0	489,648-	5-
13-15	9,787,579	1,366,568	14	16,063	0	1,350,506-	14-
14-16	5,990,802	1,246,538	21	11,151	0	1,235,387-	21-
15-17	7,158,231	995,086	14	11,967	0	983,119-	14-
16-18	8,011,429	169,560	2	139-	0	169,699-	2-
FIVE-YEAR AVERAGE							
14-18	7,717,783	808,656	10	6,712	0	801,944-	10-

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DUKE ENERGY CAROLINAS

ACCOUNT 325 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	234,223	108,030-	46-		0	108,030	46
2004	3,812,103	73,425-	2-		0	73,425	2
2005							
2006	3,842	546-	14-		0	546	14
2007	1,981,446	161,101-	8-		0	161,101	8
2008	2,411,117	200,288-	8-		0	200,288	8
2009	7,448	231,470		1,786	24	229,684-	
2010	1,323,573		0		0		0
2011	2,325,751	28,322	1		0	28,322-	1-
2012	10,157,360	7,311	0		0	7,311-	0
2013	170,102	138,554	81		0	138,554-	81-
2014	88,983	227,283	255	5,542-	6-	232,825-	262-
2015	171,831	12,546	7		0	12,546-	7-
2016	1,014,051	129,331	13	196-	0	129,527-	13-
2017	2,090,325	283,699	14	945-	0	284,644-	14-
2018	644,943	79,433	12		0	79,433-	12-
TOTAL	26,437,097	594,559	2	4,897-	0	599,456-	2-
THREE-YEAR MOVING AVERAGES							
03-05	1,348,775	60,485-	4-		0	60,485	4
04-06	1,271,982	24,657-	2-		0	24,657	2
05-07	661,763	53,882-	8-		0	53,882	8
06-08	1,465,468	120,645-	8-		0	120,645	8
07-09	1,466,670	43,306-	3-	595	0	43,902	3
08-10	1,247,379	10,394	1	595	0	9,799-	1-
09-11	1,218,924	86,597	7	595	0	86,002-	7-
10-12	4,602,228	11,878	0		0	11,878-	0
11-13	4,217,738	58,062	1		0	58,062-	1-
12-14	3,472,148	124,383	4	1,847-	0	126,230-	4-
13-15	143,639	126,128	88	1,847-	1-	127,975-	89-
14-16	424,955	123,053	29	1,913-	0	124,966-	29-
15-17	1,092,069	141,858	13	380-	0	142,239-	13-
16-18	1,249,773	164,154	13	380-	0	164,535-	13-
FIVE-YEAR AVERAGE							
14-18	802,027	146,458	18	1,337-	0	147,795-	18-

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DUKE ENERGY CAROLINAS

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	303,059	62,328	21		0	62,328-	21-
2004	184,892	15,946	9		0	15,946-	9-
2005	313,028	7,726	2		0	7,726-	2-
2006	1,278,837	163,646	13		0	163,646-	13-
2007	171,422	14,528	8		0	14,528-	8-
2008	1,258,668	24,710	2		0	24,710-	2-
2009	284,419	785	0		0	785-	0
2010	8,567	77,286	902		0	77,286-	902-
2011	347,027	15,488	4		0	15,488-	4-
2012	181,289		0		0		0
2013	29,704		0		0		0
2014	1,286,173	758,694	59	2,154-	0	760,848-	59-
2015	6,033,889	207,051	3		0	207,051-	3-
2016	543,124	1,104,411	203	715-	0	1,105,126-	203-
2017	1,935,422	1,704,754	88	161-	0	1,704,915-	88-
2018	1,744,087	456,755	26	37-	0	456,792-	26-
TOTAL	15,903,608	4,614,107	29	3,067-	0	4,617,174-	29-
THREE-YEAR MOVING AVERAGES							
03-05	266,993	28,667	11		0	28,667-	11-
04-06	592,252	62,439	11		0	62,439-	11-
05-07	587,762	61,966	11		0	61,966-	11-
06-08	902,976	67,628	7		0	67,628-	7-
07-09	571,503	13,341	2		0	13,341-	2-
08-10	517,218	34,260	7		0	34,260-	7-
09-11	213,338	31,186	15		0	31,186-	15-
10-12	178,961	30,925	17		0	30,925-	17-
11-13	186,007	5,163	3		0	5,163-	3-
12-14	499,055	252,898	51	718-	0	253,616-	51-
13-15	2,449,922	321,915	13	718-	0	322,633-	13-
14-16	2,621,062	690,052	26	956-	0	691,008-	26-
15-17	2,837,478	1,005,405	35	292-	0	1,005,697-	35-
16-18	1,407,544	1,088,640	77	304-	0	1,088,944-	77-
FIVE-YEAR AVERAGE							
14-18	2,308,539	846,333	37	613-	0	846,946-	37-

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DUKE ENERGY CAROLINAS

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	103,164-		0		0		0
2004	134,432	30,145	22		0	30,145-	22-
2005	396,929	25,470	6		0	25,470-	6-
2006	39,286	13,071	33	77-	0	13,147-	33-
2007	354,669	78,150	22	1,265-	0	79,415-	22-
2008	11,769,707	582,851	5	42,452-	0	625,304-	5-
2009		1,797				1,797-	
2010	62,429		0		0		0
2011		676,621				676,621-	
2012	27,687		0		0		0
2013	32,246		0		0		0
2014	442,257	3,743,321	846	13,435-	3-	3,756,756-	849-
2015	453,265	530,234	117		0	530,234-	117-
2016	765,511	843,697	110		0	843,697-	110-
2017	677,487	68,990	10		0	68,990-	10-
2018	5,832,055	2,135,213	37		0	2,135,213-	37-
TOTAL	20,884,796	8,729,560	42	57,229-	0	8,786,788-	42-
THREE-YEAR MOVING AVERAGES							
03-05	142,732	18,539	13		0	18,539-	13-
04-06	190,216	22,895	12	26-	0	22,921-	12-
05-07	263,628	38,897	15	447-	0	39,344-	15-
06-08	4,054,554	224,691	6	14,598-	0	239,289-	6-
07-09	4,041,459	220,933	5	14,572-	0	235,505-	6-
08-10	3,944,045	194,883	5	14,151-	0	209,033-	5-
09-11	20,810	226,139			0	226,139-	
10-12	30,039	225,540	751		0	225,540-	751-
11-13	19,978	225,540			0	225,540-	
12-14	167,397	1,247,774	745	4,478-	3-	1,252,252-	748-
13-15	309,256	1,424,518	461	4,478-	1-	1,428,997-	462-
14-16	553,678	1,705,751	308	4,478-	1-	1,710,229-	309-
15-17	632,088	480,974	76		0	480,974-	76-
16-18	2,425,018	1,015,966	42		0	1,015,966-	42-
FIVE-YEAR AVERAGE							
14-18	1,634,115	1,464,291	90	2,687-	0	1,466,978-	90-

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DUKE ENERGY CAROLINAS

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,305	590	45		0	590-	45-
2004	2,826,734	536,356	19		0	536,356-	19-
2005	5,506,025	298,956	5		0	298,956-	5-
2006	369,116	103,914	28	1,439-	0	105,353-	29-
2007	1,405,549	262,061	19	10,027-	1-	272,088-	19-
2008	7,094,740	297,288	4	51,180-	1-	348,469-	5-
2009	195,071	1,333	1		0	1,333-	1-
2010	24,261	15,621	64		0	15,621-	64-
2011	2,357,244	274,869	12	330-	0	275,198-	12-
2012	414,706		0		0		0
2013	597,988		0		0		0
2014	5,462,060	5,590,089	102	18,621-	0	5,608,710-	103-
2015	970,188	247,878	26	8,732	1	239,146-	25-
2016	3,137,527	132,913	4	3,010	0	129,904-	4-
2017	4,811,819	2,570,515	53	263,956	5	2,306,559-	48-
2018	10,029,005	462,561	5		0	462,561-	5-
TOTAL	45,203,338	10,794,946	24	194,101	0	10,600,845-	23-
THREE-YEAR MOVING AVERAGES							
03-05	2,778,021	278,634	10		0	278,634-	10-
04-06	2,900,625	313,076	11	480-	0	313,555-	11-
05-07	2,426,897	221,644	9	3,822-	0	225,466-	9-
06-08	2,956,468	221,088	7	20,882-	1-	241,970-	8-
07-09	2,898,453	186,894	6	20,402-	1-	207,297-	7-
08-10	2,438,024	104,748	4	17,060-	1-	121,808-	5-
09-11	858,859	97,274	11	110-	0	97,384-	11-
10-12	932,070	96,830	10	110-	0	96,940-	10-
11-13	1,123,313	91,623	8	110-	0	91,733-	8-
12-14	2,158,251	1,863,363	86	6,207-	0	1,869,570-	87-
13-15	2,343,412	1,945,989	83	3,296-	0	1,949,285-	83-
14-16	3,189,925	1,990,293	62	2,293-	0	1,992,586-	62-
15-17	2,973,178	983,769	33	91,899	3	891,870-	30-
16-18	5,992,784	1,055,330	18	88,988	1	966,341-	16-
FIVE-YEAR AVERAGE							
14-18	4,882,120	1,800,791	37	51,415	1	1,749,376-	36-

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DUKE ENERGY CAROLINAS

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	331,675	40,928	12		0	40,928-	12-
2004	212,237	10,983	5		0	10,983-	5-
2005	179,350	2,656	1		0	2,656-	1-
2006	388,600	29,836	8	757-	0	30,594-	8-
2007	11,812	601	5	42-	0	643-	5-
2008	535,995	6,125	1	1,933-	0	8,059-	2-
2009	95,637	327	0		0	327-	0
2010	170,727	17,862	10		0	17,862-	10-
2011	772,159	16,478	2		0	16,478-	2-
2012	93,876		0		0		0
2013	99,747		0		0		0
2014	592,841	353,227	60	1,139-	0	354,366-	60-
2015	434,628	91,941	21		0	91,941-	21-
2016	829,597	114,925	14	206-	0	115,131-	14-
2017	648,410	42,992	7		0	42,992-	7-
2018	7,691,648	64,212	1		0	64,212-	1-
TOTAL	13,088,939	793,093	6	4,078-	0	797,171-	6-
THREE-YEAR MOVING AVERAGES							
03-05	241,087	18,189	8		0	18,189-	8-
04-06	260,062	14,492	6	252-	0	14,744-	6-
05-07	193,254	11,031	6	267-	0	11,297-	6-
06-08	312,136	12,187	4	911-	0	13,098-	4-
07-09	214,481	2,351	1	658-	0	3,009-	1-
08-10	267,453	8,105	3	644-	0	8,749-	3-
09-11	346,174	11,556	3		0	11,556-	3-
10-12	345,587	11,447	3		0	11,447-	3-
11-13	321,927	5,493	2		0	5,493-	2-
12-14	262,155	117,742	45	380-	0	118,122-	45-
13-15	375,739	148,389	39	380-	0	148,769-	40-
14-16	619,022	186,698	30	448-	0	187,146-	30-
15-17	637,545	83,286	13	69-	0	83,355-	13-
16-18	3,056,552	74,043	2	69-	0	74,112-	2-
FIVE-YEAR AVERAGE							
14-18	2,039,425	133,459	7	269-	0	133,728-	7-

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DUKE ENERGY CAROLINAS

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	47,178	4,851	10		0	4,851-	10-
2004	1,000	43	4		0	43-	4-
2005	79,427	980	1		0	980-	1-
2006	1,210,123	77,427	6		0	77,427-	6-
2007	67,432	2,857	4		0	2,857-	4-
2008	256,855	2,446	1		0	2,446-	1-
2009	435,026	107	0		0	107-	0
2010	5,333	11,263	211		0	11,263-	211-
2011	268,481	94,839	35	10,708-	4-	105,547-	39-
2012	2,354		0		0		0
2013	6,503		0		0		0
2014		550,683		1,841-		552,524-	
2015		2,240,087		112,517-		2,352,604-	
2016	129,085	46,271	36		0	46,271-	36-
2017	246,482	8,355	3		0	8,355-	3-
2018	282,725	16,626	6		0	16,626-	6-
TOTAL	3,038,004	3,056,835	101	125,066-	4-	3,181,901-	105-
THREE-YEAR MOVING AVERAGES							
03-05	42,535	1,958	5		0	1,958-	5-
04-06	430,183	26,150	6		0	26,150-	6-
05-07	452,327	27,088	6		0	27,088-	6-
06-08	511,470	27,577	5		0	27,577-	5-
07-09	253,104	1,803	1		0	1,803-	1-
08-10	232,405	4,605	2		0	4,605-	2-
09-11	236,280	35,403	15	3,569-	2-	38,972-	16-
10-12	92,056	35,367	38	3,569-	4-	38,937-	42-
11-13	92,446	31,613	34	3,569-	4-	35,182-	38-
12-14	2,952	183,561		614-	21-	184,175-	
13-15	2,168	930,257		38,120-		968,376-	
14-16	43,028	945,680		38,120-	89-	983,800-	
15-17	125,189	764,904	611	37,506-	30-	802,410-	641-
16-18	219,431	23,751	11		0	23,751-	11-
FIVE-YEAR AVERAGE							
14-18	131,658	572,404	435	22,872-	17-	595,276-	452-

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DUKE ENERGY CAROLINAS

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	9,881		0		0		0
2004							
2005							
2006							
2007							
2008	125,396		0		0		0
2009	1,289	52	4		0	52-	4-
2010	2,773		0		0		0
2011		5,000				5,000-	
2012							
2013							
2014	232,152	343,457	148		0	343,457-	148-
2015							
2016							
2017							
2018							
TOTAL	371,490	348,509	94		0	348,509-	94-
THREE-YEAR MOVING AVERAGES							
03-05	3,294		0		0		0
04-06							
05-07							
06-08	41,799		0		0		0
07-09	42,228	17	0		0	17-	0
08-10	43,153	17	0		0	17-	0
09-11	1,354	1,684	124		0	1,684-	124-
10-12	924	1,667	180		0	1,667-	180-
11-13		1,667				1,667-	
12-14	77,384	114,486	148		0	114,486-	148-
13-15	77,384	114,486	148		0	114,486-	148-
14-16	77,384	114,486	148		0	114,486-	148-
15-17							
16-18							
FIVE-YEAR AVERAGE							
14-18	46,430	68,691	148		0	68,691-	148-

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DUKE ENERGY CAROLINAS

ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2004	84,115		0		0		0
2005							
2006							
2007							
2008	59,043		0		0		0
2009				65,997		65,997	
2010							
2011							
2012	100,383		0		0		0
2013							
2014							
2015	43,560	3,703	9		0	3,703-	9-
2016	135,844		0		0		0
2017	3,011,422	667,591	22	1,700-	0	669,291-	22-
2018	152,271	3,616	2		0	3,616-	2-
TOTAL	3,586,638	674,910	19	64,297	2	610,613-	17-
THREE-YEAR MOVING AVERAGES							
04-06	28,038		0		0		0
05-07							
06-08	19,681		0		0		0
07-09	19,681		0	21,999	112	21,999	112
08-10	19,681		0	21,999	112	21,999	112
09-11				21,999		21,999	
10-12	33,461		0		0		0
11-13	33,461		0		0		0
12-14	33,461		0		0		0
13-15	14,520	1,234	9		0	1,234-	9-
14-16	59,801	1,234	2		0	1,234-	2-
15-17	1,063,609	223,764	21	567-	0	224,331-	21-
16-18	1,099,846	223,736	20	567-	0	224,302-	20-
FIVE-YEAR AVERAGE							
14-18	668,619	134,982	20	340-	0	135,322-	20-

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DUKE ENERGY CAROLINAS

ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2007		73,462-				73,462	
2008	678,087	28,935-	4-		0	28,935	4
2009				33,774		33,774	
2010							
2011							
2012	393,409		0		0		0
2013							
2014	152,372		0		0		0
2015	665,472	54,162	8		0	54,162-	8-
2016	208,513	9,542	5	210,080	101	200,538	96
2017	60,785	6,802	11	47,363	78	40,561	67
2018	1,073,616	7,000	1		0	7,000-	1-
TOTAL	3,232,253	24,891-	1-	291,217	9	316,108	10
THREE-YEAR MOVING AVERAGES							
07-09	226,029	34,132-	15-	11,258	5	45,390	20
08-10	226,029	9,645-	4-	11,258	5	20,903	9
09-11				11,258		11,258	
10-12	131,136		0		0		0
11-13	131,136		0		0		0
12-14	181,927		0		0		0
13-15	272,615	18,054	7		0	18,054-	7-
14-16	342,119	21,235	6	70,027	20	48,792	14
15-17	311,590	23,502	8	85,814	28	62,313	20
16-18	447,638	7,781	2	85,814	19	78,033	17
FIVE-YEAR AVERAGE							
14-18	432,151	15,501	4	51,489	12	35,988	8

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DUKE ENERGY CAROLINAS

ACCOUNT 343 PRIME MOVERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	303,883	467,376	154		0	467,376-	154-
2004							
2005							
2006							
2007		906,796-				906,796	
2008	6,438,583	357,167-	6-		0	357,167	6
2009				549,189		549,189	
2010		611,605		6,332,053		5,720,448	
2011	597,868		0		0		0
2012	14,857,157		0		0		0
2013	7,877,527		0		0		0
2014	11,876,939	466,433	4	13,833,621	116	13,367,188	113
2015	8,818,791	593,326	7	1,744,232	20	1,150,906	13
2016	17,918,917	3,313,256	18	16,870,580	94	13,557,324	76
2017	4,455,159	399,399	9		0	399,399-	9-
2018	20,877,944	115,891	1		0	115,891-	1-
TOTAL	94,022,767	4,703,322	5	39,329,674	42	34,626,352	37
THREE-YEAR MOVING AVERAGES							
03-05	101,294	155,792	154		0	155,792-	154-
04-06							
05-07		302,265-				302,265	
06-08	2,146,194	421,321-	20-		0	421,321	20
07-09	2,146,194	421,321-	20-	183,063	9	604,384	28
08-10	2,146,194	84,813	4	2,293,747	107	2,208,935	103
09-11	199,289	203,868	102	2,293,747		2,089,879	
10-12	5,151,675	203,868	4	2,110,684	41	1,906,816	37
11-13	7,777,517		0		0		0
12-14	11,537,208	155,478	1	4,611,207	40	4,455,729	39
13-15	9,524,419	353,253	4	5,192,617	55	4,839,365	51
14-16	12,871,549	1,457,672	11	10,816,144	84	9,358,473	73
15-17	10,397,622	1,435,327	14	6,204,937	60	4,769,610	46
16-18	14,417,340	1,276,182	9	5,623,527	39	4,347,345	30
FIVE-YEAR AVERAGE							
14-18	12,789,550	977,661	8	6,489,686	51	5,512,026	43

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DUKE ENERGY CAROLINAS

ACCOUNT 343.1 PRIME MOVERS - ROTABLE PARTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2015	17,847,444		0		0		0
2016	48,686,956		0	51,278,830	105	51,278,830	105
2017							
2018							
TOTAL	66,534,400		0	51,278,830	77	51,278,830	77
THREE-YEAR MOVING AVERAGES							
15-17	22,178,133		0	17,092,943	77	17,092,943	77
16-18	16,228,985		0	17,092,943	105	17,092,943	105

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DUKE ENERGY CAROLINAS

ACCOUNT 344 GENERATORS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	26,297	40,445	154		0	40,445-	154-
2004	4,554		0		0		0
2005	5,003		0		0		0
2006							
2007		1,267,624-				1,267,624	
2008	9,000,593	499,289-	6-		0	499,289	6
2009	2,678,372		0	444,778	17	444,778	17
2010	6,286,291		0		0		0
2011	336,428	111,700-	33-		0	111,700	33
2012	18,330,397	356,039	2	4,927,912	27	4,571,873	25
2013							
2014	9,019,434	861,572	10	5,207,622	58	4,346,050	48
2015	9,362,321	2,104	0		0	2,104-	0
2016	513,557	300,437	59	6,517,421		6,216,985	
2017	1,939,795	163,125	8	500-	0	163,625-	8-
2018	1,963,618	34,916	2		0	34,916-	2-
TOTAL	59,466,661	119,975-	0	17,097,233	29	17,217,208	29
THREE-YEAR MOVING AVERAGES							
03-05	11,951	13,482	113		0	13,482-	113-
04-06	3,186		0		0		0
05-07	1,668	422,541-			0	422,541	
06-08	3,000,198	588,971-	20-		0	588,971	20
07-09	3,892,988	588,971-	15-	148,259	4	737,230	19
08-10	5,988,419	166,430-	3-	148,259	2	314,689	5
09-11	3,100,364	37,233-	1-	148,259	5	185,493	6
10-12	8,317,705	81,446	1	1,642,637	20	1,561,191	19
11-13	6,222,275	81,446	1	1,642,637	26	1,561,191	25
12-14	9,116,610	405,870	4	3,378,511	37	2,972,641	33
13-15	6,127,252	287,892	5	1,735,874	28	1,447,982	24
14-16	6,298,438	388,038	6	3,908,348	62	3,520,310	56
15-17	3,938,558	155,222	4	2,172,307	55	2,017,085	51
16-18	1,472,323	166,159	11	2,172,307	148	2,006,148	136
FIVE-YEAR AVERAGE							
14-18	4,559,745	272,431	6	2,344,909	51	2,072,478	45

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DUKE ENERGY CAROLINAS

ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2007		146,770-				146,770	
2008	2,257,924	57,809-	3-		0	57,809	3
2009	107,677		0	48,613	45	48,613	45
2010		4,681				4,681-	
2011							
2012	122,634		0		0		0
2013	212,986		0		0		0
2014	510,919	12,915	3		0	12,915-	3-
2015	1,421,152	38,487	3		0	38,487-	3-
2016	2,210,573	30,297	1		0	30,297-	1-
2017	801,854	51,789	6		0	51,789-	6-
2018	1,096,403		0		0		0
TOTAL	8,742,122	66,410-	1-	48,613	1	115,023	1
THREE-YEAR MOVING AVERAGES							
07-09	788,534	68,193-	9-	16,204	2	84,397	11
08-10	788,534	17,709-	2-	16,204	2	33,914	4
09-11	35,892	1,560	4	16,204	45	14,644	41
10-12	40,878	1,560	4		0	1,560-	4-
11-13	111,873		0		0		0
12-14	282,180	4,305	2		0	4,305-	2-
13-15	715,019	17,134	2		0	17,134-	2-
14-16	1,380,881	27,233	2		0	27,233-	2-
15-17	1,477,860	40,191	3		0	40,191-	3-
16-18	1,369,610	27,362	2		0	27,362-	2-
FIVE-YEAR AVERAGE							
14-18	1,208,180	26,698	2		0	26,698-	2-

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DUKE ENERGY CAROLINAS

ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	111,503		0		0		0
2004	18,347		0		0		0
2005							
2006							
2007							
2008	27,500		0		0		0
2009				6,448		6,448	
2010		1,422				1,422-	
2011							
2012	83,880		0		0		0
2013							
2014		2,948				2,948-	
2015							
2016	121,349	20,448	17		0	20,448-	17-
2017	411,515	129	0		0	129-	0
2018	75,857	586	1		0	586-	1-
TOTAL	849,951	25,533	3	6,448	1	19,084-	2-
THREE-YEAR MOVING AVERAGES							
03-05	43,283		0		0		0
04-06	6,116		0		0		0
05-07							
06-08	9,167		0		0		0
07-09	9,167		0	2,149	23	2,149	23
08-10	9,167	474	5	2,149	23	1,675	18
09-11		474		2,149		1,675	
10-12	27,960	474	2		0	474-	2-
11-13	27,960		0		0		0
12-14	27,960	982	4		0	982-	4-
13-15		982				982-	
14-16	40,450	7,798	19		0	7,798-	19-
15-17	177,621	6,859	4		0	6,859-	4-
16-18	202,907	7,054	3		0	7,054-	3-
FIVE-YEAR AVERAGE							
14-18	121,744	4,822	4		0	4,822-	4-

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DUKE ENERGY CAROLINAS

ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,000	82	8		0	82-	8-
2004	3,603	297	8		0	297-	8-
2005	11,718	636	5		0	636-	5-
2006	39,841	1,313	3		0	1,313-	3-
2007	11,011	3,010	27		0	3,010-	27-
2008	107,467	16,411	15		0	16,411-	15-
2009	6,980	5,680	81	8,615	123	2,935	42
2010	3,037		0		0		0
2011	61,386	43,287	71	8,916	15	34,372-	56-
2012							
2013	4,952	2,330	47		0	2,330-	47-
2014							
2015	505,981	105,951	21	599	0	105,352-	21-
2016	374,060	194,994	52		0	194,994-	52-
2017	1,697,365	19,972	1		0	19,972-	1-
2018	3,416,218	98,812	3		0	98,812-	3-
TOTAL	6,244,619	492,774	8	18,129	0	474,645-	8-
THREE-YEAR MOVING AVERAGES							
03-05	5,440	338	6		0	338-	6-
04-06	18,387	748	4		0	748-	4-
05-07	20,857	1,653	8		0	1,653-	8-
06-08	52,773	6,911	13		0	6,911-	13-
07-09	41,819	8,367	20	2,872	7	5,495-	13-
08-10	39,161	7,364	19	2,872	7	4,492-	11-
09-11	23,801	16,322	69	5,844	25	10,479-	44-
10-12	21,474	14,429	67	2,972	14	11,457-	53-
11-13	22,113	15,206	69	2,972	13	12,234-	55-
12-14	1,651	777	47		0	777-	47-
13-15	170,311	36,093	21	200	0	35,894-	21-
14-16	293,347	100,315	34	200	0	100,115-	34-
15-17	859,135	106,972	12	200	0	106,773-	12-
16-18	1,829,215	104,593	6		0	104,593-	6-
FIVE-YEAR AVERAGE							
14-18	1,198,725	83,946	7	120	0	83,826-	7-

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DUKE ENERGY CAROLINAS

ACCOUNT 353 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	17,738,212	3,490,008	20	117	0	3,489,890-	20-
2004	17,047,459	3,367,097	20	85,631	1	3,281,466-	19-
2005	10,262,025	1,335,945	13	131,866	1	1,204,079-	12-
2006	9,693,772	766,651	8	145,690	2	620,960-	6-
2007	6,113,465	4,010,307	66	158,705	3	3,851,602-	63-
2008	9,963,335	3,651,642	37	313,290	3	3,338,352-	34-
2009	5,043,136	148,390	3	225,245	4	76,855	2
2010	2,707,581	37,328	1	14,776-	1-	52,104-	2-
2011	7,368,809	6,119,610	83	224,985	3	5,894,624-	80-
2012	4,401,247	3,006,294	68	49,548	1	2,956,746-	67-
2013	9,344,398	4,236,700	45	141,533	2	4,095,167-	44-
2014	7,656,698	2,036,734	27	646,961-	8-	2,683,695-	35-
2015	16,548,438	4,285,203	26	713,503	4	3,571,700-	22-
2016	6,116,076	1,204,017	20	7,956-	0	1,211,973-	20-
2017	21,170,659	2,947,314	14	366,317	2	2,580,997-	12-
2018	60,097,432	373,079	1	238-	0	373,317-	1-
TOTAL	211,272,741	41,016,318	19	1,886,499	1	39,129,818-	19-
THREE-YEAR MOVING AVERAGES							
03-05	15,015,899	2,731,016	18	72,538	0	2,658,478-	18-
04-06	12,334,419	1,823,231	15	121,063	1	1,702,168-	14-
05-07	8,689,754	2,037,634	23	145,420	2	1,892,214-	22-
06-08	8,590,191	2,809,533	33	205,895	2	2,603,638-	30-
07-09	7,039,979	2,603,446	37	232,413	3	2,371,033-	34-
08-10	5,904,684	1,279,120	22	174,586	3	1,104,534-	19-
09-11	5,039,842	2,101,776	42	145,151	3	1,956,624-	39-
10-12	4,825,879	3,054,410	63	86,586	2	2,967,825-	61-
11-13	7,038,151	4,454,201	63	138,689	2	4,315,512-	61-
12-14	7,134,115	3,093,243	43	151,960-	2-	3,245,203-	45-
13-15	11,183,178	3,519,546	31	69,358	1	3,450,188-	31-
14-16	10,107,071	2,508,651	25	19,529	0	2,489,123-	25-
15-17	14,611,724	2,812,178	19	357,288	2	2,454,890-	17-
16-18	29,128,055	1,508,137	5	119,374	0	1,388,763-	5-
FIVE-YEAR AVERAGE							
14-18	22,317,860	2,169,270	10	84,933	0	2,084,337-	9-

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DUKE ENERGY CAROLINAS

ACCOUNT 354 TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	2,377,063	974,352	41		0	974,352-	41-
2004	1,436,943	591,281	41		0	591,281-	41-
2005	1,753,085	475,464	27		0	475,464-	27-
2006	7,838,052	1,291,432	16		0	1,291,432-	16-
2007	776,734	1,061,503	137		0	1,061,503-	137-
2008	539,903	412,247	76		0	412,247-	76-
2009	2,190,818	58,004	3	88,196	4	30,192	1
2010	630,757		0		0		0
2011	1,203,566	656,184	55		0	656,184-	55-
2012	81,212	26,546	33		0	26,546-	33-
2013	2,546		0		0		0
2014	645,448	651,556	101		0	651,556-	101-
2015	249,455	2,120,161	850	17,455	7	2,102,706-	843-
2016	549,028	4,693,597	855	19,547	4	4,674,050-	851-
2017	785,849	1,379,594	176		0	1,379,594-	176-
2018	173,888	180,831	104		0	180,831-	104-
TOTAL	21,234,347	14,572,753	69	125,198	1	14,447,555-	68-
THREE-YEAR MOVING AVERAGES							
03-05	1,855,697	680,366	37		0	680,366-	37-
04-06	3,676,027	786,059	21		0	786,059-	21-
05-07	3,455,957	942,800	27		0	942,800-	27-
06-08	3,051,563	921,728	30		0	921,728-	30-
07-09	1,169,152	510,585	44	29,399	3	481,186-	41-
08-10	1,120,493	156,750	14	29,399	3	127,352-	11-
09-11	1,341,714	238,063	18	29,399	2	208,664-	16-
10-12	638,511	227,577	36		0	227,577-	36-
11-13	429,108	227,577	53		0	227,577-	53-
12-14	243,069	226,034	93		0	226,034-	93-
13-15	299,150	923,906	309	5,818	2	918,087-	307-
14-16	481,311	2,488,438	517	12,334	3	2,476,104-	514-
15-17	528,111	2,731,117	517	12,334	2	2,718,783-	515-
16-18	502,922	2,084,674	415	6,516	1	2,078,158-	413-
FIVE-YEAR AVERAGE							
14-18	480,734	1,805,148	375	7,400	2	1,797,747-	374-

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DUKE ENERGY CAROLINAS

ACCOUNT 355 POLES AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,021,386	569,382	56	14	0	569,369-	56-
2004	655,416	366,784	56	6,584	1	360,200-	55-
2005	744,067	274,451	37	19,122	3	255,329-	34-
2006	578,031	129,525	22	17,375	3	112,150-	19-
2007	335,674	623,886	186	17,428	5	606,458-	181-
2008	592,061	614,819	104	37,234	6	577,586-	98-
2009	926,748	36,966	4	56,130	6	19,163	2
2010	1,967,587		0		0		0
2011	2,616,993	219,891	8	32,972	1	186,919-	7-
2012	5,839,222	19,931	0		0	19,931-	0
2013	2,646,254		0		0		0
2014	1,078,059	284,968	26	8,462	1	276,506-	26-
2015	2,166,804	1,820,360	84	9,642	0	1,810,718-	84-
2016	5,100,714	1,329,350	26	22,639	0	1,306,711-	26-
2017	16,033,770	17,453,481	109		0	17,453,481-	109-
2018	1,021,584	18,155	2		0	18,155-	2-
TOTAL	43,324,370	23,761,951	55	227,603	1	23,534,349-	54-
THREE-YEAR MOVING AVERAGES							
03-05	806,956	403,539	50	8,573	1	394,966-	49-
04-06	659,171	256,920	39	14,361	2	242,560-	37-
05-07	552,591	342,621	62	17,975	3	324,646-	59-
06-08	501,922	456,077	91	24,012	5	432,065-	86-
07-09	618,161	425,224	69	36,931	6	388,293-	63-
08-10	1,162,132	217,262	19	31,121	3	186,141-	16-
09-11	1,837,109	85,619	5	29,701	2	55,918-	3-
10-12	3,474,601	79,941	2	10,991	0	68,950-	2-
11-13	3,700,823	79,941	2	10,991	0	68,950-	2-
12-14	3,187,845	101,633	3	2,821	0	98,812-	3-
13-15	1,963,705	701,776	36	6,035	0	695,741-	35-
14-16	2,781,859	1,144,893	41	13,581	0	1,131,312-	41-
15-17	7,767,096	6,867,730	88	10,760	0	6,856,970-	88-
16-18	7,385,356	6,266,995	85	7,546	0	6,259,449-	85-
FIVE-YEAR AVERAGE							
14-18	5,080,186	4,181,263	82	8,149	0	4,173,114-	82-

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DUKE ENERGY CAROLINAS

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	4,156,930	1,635,759	39	55	0	1,635,704-	39-
2004	2,859,739	1,129,672	40	28,730	1	1,100,942-	38-
2005	1,704,855	443,888	26	43,814	3	400,073-	23-
2006	6,729,653	1,064,455	16	202,284	3	862,171-	13-
2007	709,287	930,555	131	36,826	5	893,729-	126-
2008	1,056,029	774,086	73	66,412	6	707,674-	67-
2009	2,446,335	67,468	3	102,510	4	35,042	1
2010	1,087,544		0		0		0
2011	985,619	2,462,467	250	1,294	0	2,461,174-	250-
2012	1,077,061	48,511	5		0	48,511-	5-
2013	1,575,879		0		0		0
2014	298,356	229,126	77	13,723	5	215,403-	72-
2015	1,587,465	1,216,053	77		0	1,216,053-	77-
2016	2,290,689	2,549,520	111	7,215	0	2,542,306-	111-
2017	1,711,557	1,128,044	66		0	1,128,044-	66-
2018	448,767	33,320	7		0	33,320-	7-
TOTAL	30,725,766	13,712,926	45	502,863	2	13,210,063-	43-
THREE-YEAR MOVING AVERAGES							
03-05	2,907,175	1,069,773	37	24,200	1	1,045,573-	36-
04-06	3,764,749	879,338	23	91,609	2	787,729-	21-
05-07	3,047,932	812,966	27	94,308	3	718,658-	24-
06-08	2,831,656	923,032	33	101,841	4	821,192-	29-
07-09	1,403,884	590,703	42	68,583	5	522,121-	37-
08-10	1,529,969	280,518	18	56,307	4	224,211-	15-
09-11	1,506,499	843,312	56	34,601	2	808,711-	54-
10-12	1,050,075	836,993	80	431	0	836,562-	80-
11-13	1,212,853	836,993	69	431	0	836,562-	69-
12-14	983,765	92,546	9	4,574	0	87,971-	9-
13-15	1,153,900	481,726	42	4,574	0	477,152-	41-
14-16	1,392,170	1,331,567	96	6,979	1	1,324,587-	95-
15-17	1,863,237	1,631,206	88	2,405	0	1,628,801-	87-
16-18	1,483,671	1,236,962	83	2,405	0	1,234,557-	83-
FIVE-YEAR AVERAGE							
14-18	1,267,367	1,031,213	81	4,188	0	1,027,025-	81-

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DUKE ENERGY CAROLINAS

ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2009		282		427		145	
2010							
2011							
2012							
2013							
2014							
2015							
2016							
2017	287,393		0		0		0
2018							
TOTAL	287,393	282	0	427	0	145	0
THREE-YEAR MOVING AVERAGES							
09-11		94		142		48	
10-12							
11-13							
12-14							
13-15							
14-16							
15-17	95,798		0		0		0
16-18	95,798		0		0		0
FIVE-YEAR AVERAGE							
14-18	57,479		0		0		0

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DUKE ENERGY CAROLINAS

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	21,458	1,851	9		0	1,851-	9-
2004	73,485	5,720	8		0	5,720-	8-
2005	48,998	5,652	12		0	5,652-	12-
2006	66,127	7,472	11		0	7,472-	11-
2007	49,493	6,675	13		0	6,675-	13-
2008	94,574	6,025	6		0	6,025-	6-
2009	84,704	20,741	24	53,197	63	32,456	38
2010	2,024		0		0		0
2011	2,394	109,997		62,262		47,735-	
2012		179				179-	
2013	2,348	3,397	145		0	3,397-	145-
2014	29,662	77,190	260	3,989	13	73,201-	247-
2015	922,048	284,366	31	48,349	5	236,017-	26-
2016	509,716	292,881	57	3,928	1	288,953-	57-
2017	1,114,243	29,478	3		0	29,478-	3-
2018	2,594,824	100,441	4		0	100,441-	4-
TOTAL	5,616,098	952,065	17	171,725	3	780,341-	14-
THREE-YEAR MOVING AVERAGES							
03-05	47,980	4,408	9		0	4,408-	9-
04-06	62,870	6,281	10		0	6,281-	10-
05-07	54,873	6,600	12		0	6,600-	12-
06-08	70,065	6,724	10		0	6,724-	10-
07-09	76,257	11,147	15	17,732	23	6,585	9
08-10	60,434	8,922	15	17,732	29	8,810	15
09-11	29,707	43,579	147	38,486	130	5,093-	17-
10-12	1,473	36,725		20,754		15,971-	
11-13	1,581	37,858		20,754		17,104-	
12-14	10,670	26,922	252	1,330	12	25,592-	240-
13-15	318,019	121,651	38	17,446	5	104,205-	33-
14-16	487,142	218,146	45	18,755	4	199,391-	41-
15-17	848,669	202,242	24	17,426	2	184,816-	22-
16-18	1,406,261	140,933	10	1,309	0	139,624-	10-
FIVE-YEAR AVERAGE							
14-18	1,034,099	156,871	15	11,253	1	145,618-	14-

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DUKE ENERGY CAROLINAS

ACCOUNT 362 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	20,027,684	4,145,847	21	1-	0	4,145,848-	21-
2004	7,994,636	1,493,608	19		0	1,493,608-	19-
2005	9,806,217	2,714,558	28		0	2,714,558-	28-
2006	8,349,780	2,264,423	27		0	2,264,423-	27-
2007	4,761,592	1,541,339	32		0	1,541,339-	32-
2008	16,897,493	2,583,667	15		0	2,583,667-	15-
2009	11,163,479	489,975	4	1,256,966	11	766,992	7
2010	2,902,404	136,795	5		0	136,795-	5-
2011	1,381,251	3,178,752	230	85,322	6	3,093,431-	224-
2012	2,799,700	1,036,883	37	36,513	1	1,000,370-	36-
2013	1,911,844	1,923,884	101	57,736	3	1,866,148-	98-
2014	7,181,979	2,367,581	33	430,792	6	1,936,789-	27-
2015	12,699,925	4,736,617	37	824,484	6	3,912,133-	31-
2016	12,997,265	1,646,329	13	73,910	1	1,572,418-	12-
2017	16,393,559	1,720,992	10	8,073-	0	1,729,064-	11-
2018	25,789,396	963,155	4		0	963,155-	4-
TOTAL	163,058,204	32,944,405	20	2,757,650	2	30,186,755-	19-
THREE-YEAR MOVING AVERAGES							
03-05	12,609,512	2,784,671	22		0	2,784,671-	22-
04-06	8,716,878	2,157,530	25		0	2,157,530-	25-
05-07	7,639,196	2,173,440	28		0	2,173,440-	28-
06-08	10,002,955	2,129,810	21		0	2,129,810-	21-
07-09	10,940,855	1,538,327	14	418,989	4	1,119,338-	10-
08-10	10,321,125	1,070,146	10	418,989	4	651,157-	6-
09-11	5,149,045	1,268,507	25	447,429	9	821,078-	16-
10-12	2,361,118	1,450,810	61	40,612	2	1,410,199-	60-
11-13	2,030,932	2,046,507	101	59,857	3	1,986,650-	98-
12-14	3,964,508	1,776,116	45	175,014	4	1,601,102-	40-
13-15	7,264,583	3,009,361	41	437,671	6	2,571,690-	35-
14-16	10,959,723	2,916,842	27	443,062	4	2,473,780-	23-
15-17	14,030,250	2,701,312	19	296,774	2	2,404,538-	17-
16-18	18,393,407	1,443,492	8	21,946	0	1,421,546-	8-
FIVE-YEAR AVERAGE							
14-18	15,012,425	2,286,935	15	264,223	2	2,022,712-	13-

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DUKE ENERGY CAROLINAS

ACCOUNT 364 POLES, TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,331,023	665,863	50		0	665,863-	50-
2004	2,368,131	1,069,204	45		0	1,069,204-	45-
2005	2,879,532	1,926,355	67		0	1,926,355-	67-
2006	2,832,395	1,856,321	66		0	1,856,321-	66-
2007	2,788,234	2,181,182	78		0	2,181,182-	78-
2008	4,462,619	1,649,001	37		0	1,649,001-	37-
2009	4,737,593	838,195	18	2,837,229	60	1,999,034	42
2010	3,741,970	225,227	6	1,088,798	29	863,571	23
2011	6,644,331	11,650	0	1,716	0	9,935-	0
2012	5,379,875	14,194	0		0	14,194-	0
2013	5,419,921		0		0		0
2014	18,467,349	4,844,065	26	130,293	1	4,713,771-	26-
2015	1,577,954	2,937,341	186	18,104	1	2,919,237-	185-
2016	8,706,772	2,796,173	32	5,168	0	2,791,005-	32-
2017	6,661,948	4,897,505	74	1,740,434	26	3,157,070-	47-
2018	9,846,851	4,947,103	50		0	4,947,103-	50-
TOTAL	87,846,499	30,859,378	35	5,821,743	7	25,037,635-	29-
THREE-YEAR MOVING AVERAGES							
03-05	2,192,895	1,220,474	56		0	1,220,474-	56-
04-06	2,693,353	1,617,293	60		0	1,617,293-	60-
05-07	2,833,387	1,987,953	70		0	1,987,953-	70-
06-08	3,361,083	1,895,501	56		0	1,895,501-	56-
07-09	3,996,149	1,556,126	39	945,743	24	610,383-	15-
08-10	4,314,061	904,141	21	1,308,676	30	404,535	9
09-11	5,041,298	358,358	7	1,309,248	26	950,890	19
10-12	5,255,392	83,690	2	363,505	7	279,814	5
11-13	5,814,709	8,615	0	572	0	8,043-	0
12-14	9,755,715	1,619,419	17	43,431	0	1,575,988-	16-
13-15	8,488,408	2,593,802	31	49,466	1	2,544,336-	30-
14-16	9,584,025	3,525,860	37	51,188	1	3,474,671-	36-
15-17	5,648,891	3,543,673	63	587,902	10	2,955,771-	52-
16-18	8,405,190	4,213,593	50	581,867	7	3,631,726-	43-
FIVE-YEAR AVERAGE							
14-18	9,052,175	4,084,437	45	378,800	4	3,705,637-	41-

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DUKE ENERGY CAROLINAS

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	5,070,714	2,099,334	41		0	2,099,334-	41-
2004	10,305,922	3,850,834	37		0	3,850,834-	37-
2005	6,996,439	3,873,510	55		0	3,873,510-	55-
2006	10,599,605	5,749,131	54		0	5,749,131-	54-
2007	6,667,242	4,316,405	65		0	4,316,405-	65-
2008	10,197,963	3,118,586	31		0	3,118,586-	31-
2009	6,698,087	997,390	15	3,142,260	47	2,144,870	32
2010	3,724,537	621,044	17	1,808,451	49	1,187,407	32
2011	16,571,400	186,036	1	2,299	0	183,737-	1-
2012	12,244,519	6,043	0		0	6,043-	0
2013	11,222,903		0		0		0
2014	35,029,146	8,935,277	26	317,082	1	8,618,195-	25-
2015	8,032,314	5,523,267	69	56,313	1	5,466,954-	68-
2016	19,233,205	3,362,146	17	3,338	0	3,358,808-	17-
2017	13,503,860	5,033,479	37	2,566,907	19	2,466,572-	18-
2018	16,425,521	5,266,856	32		0	5,266,856-	32-
TOTAL	192,523,376	52,939,338	27	7,896,650	4	45,042,688-	23-
THREE-YEAR MOVING AVERAGES							
03-05	7,457,692	3,274,559	44		0	3,274,559-	44-
04-06	9,300,655	4,491,158	48		0	4,491,158-	48-
05-07	8,087,762	4,646,348	57		0	4,646,348-	57-
06-08	9,154,937	4,394,707	48		0	4,394,707-	48-
07-09	7,854,431	2,810,794	36	1,047,420	13	1,763,374-	22-
08-10	6,873,529	1,579,007	23	1,650,237	24	71,230	1
09-11	8,998,008	601,490	7	1,651,003	18	1,049,513	12
10-12	10,846,818	271,041	2	603,583	6	332,542	3
11-13	13,346,274	64,026	0	766	0	63,260-	0
12-14	19,498,856	2,980,440	15	105,694	1	2,874,746-	15-
13-15	18,094,788	4,819,515	27	124,465	1	4,695,050-	26-
14-16	20,764,889	5,940,230	29	125,578	1	5,814,652-	28-
15-17	13,589,793	4,639,631	34	875,519	6	3,764,111-	28-
16-18	16,387,529	4,554,160	28	856,748	5	3,697,412-	23-
FIVE-YEAR AVERAGE							
14-18	18,444,809	5,624,205	30	588,728	3	5,035,477-	27-

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DUKE ENERGY CAROLINAS

ACCOUNT 366 UNDERGROUND CONDUIT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	36,368	6,274	17		0	6,274-	17-
2004	9,551	1,487	16		0	1,487-	16-
2005	5,606	1,293	23		0	1,293-	23-
2006	18,038	4,077	23		0	4,077-	23-
2007	20,005	5,396	27		0	5,396-	27-
2008	3,856	491	13		0	491-	13-
2009	2,142	92,299		236,636		144,337	
2010	8,738	4,456	51	21	0	4,435-	51-
2011	21,750	250,407			0	250,407-	
2012	2,745		0		0		0
2013	3,204		0		0		0
2014	252,312	60,903	24	91,276	36	30,373	12
2015	307,450	103,248	34	90,017	29	13,231-	4-
2016	286,155	74,123	26		0	74,123-	26-
2017	10,352	124,480		102,250	988	22,230-	215-
2018	36,382	2,070	6		0	2,070-	6-
TOTAL	1,024,654	731,004	71	520,200	51	210,805-	21-
THREE-YEAR MOVING AVERAGES							
03-05	17,175	3,018	18		0	3,018-	18-
04-06	11,065	2,286	21		0	2,286-	21-
05-07	14,550	3,589	25		0	3,589-	25-
06-08	13,966	3,321	24		0	3,321-	24-
07-09	8,668	32,729	378	78,879	910	46,150	532
08-10	4,912	32,416	660	78,886		46,470	946
09-11	10,877	115,721		78,886	725	36,835-	339-
10-12	11,077	84,954	767	7	0	84,948-	767-
11-13	9,233	83,469	904		0	83,469-	904-
12-14	86,087	20,301	24	30,425	35	10,124	12
13-15	187,655	54,717	29	60,431	32	5,714	3
14-16	281,972	79,425	28	60,431	21	18,994-	7-
15-17	201,319	100,617	50	64,089	32	36,528-	18-
16-18	110,963	66,891	60	34,083	31	32,808-	30-
FIVE-YEAR AVERAGE							
14-18	178,530	72,965	41	56,709	32	16,256-	9-

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DUKE ENERGY CAROLINAS

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,093,775	320,759	29		0	320,759-	29-
2004	659,213	174,474	26		0	174,474-	26-
2005	683,051	267,867	39		0	267,867-	39-
2006	1,160,549	445,876	38		0	445,876-	38-
2007	1,020,159	467,823	46		0	467,823-	46-
2008	1,215,683	263,331	22		0	263,331-	22-
2009	877,599	938,147	107	2,676,366	305	1,738,219	198
2010	1,021,105	442,063	43	1,446,389	142	1,004,326	98
2011	1,825,721	29,467	2	319	0	29,148-	2-
2012	3,116,954		0		0		0
2013	2,291,572		0		0		0
2014	17,094,065	5,527,177	32	220,840	1	5,306,338-	31-
2015	792,215	554,802	70	89,214	11	465,588-	59-
2016	4,455,539	377,719	8	209	0	377,510-	8-
2017	4,852,532	2,220,392	46	1,755,530	36	464,863-	10-
2018	3,849,601	1,721,226	45		0	1,721,226-	45-
TOTAL	46,009,334	13,751,123	30	6,188,866	13	7,562,257-	16-
THREE-YEAR MOVING AVERAGES							
03-05	812,013	254,366	31		0	254,366-	31-
04-06	834,271	296,072	35		0	296,072-	35-
05-07	954,586	393,855	41		0	393,855-	41-
06-08	1,132,130	392,343	35		0	392,343-	35-
07-09	1,037,814	556,434	54	892,122	86	335,688	32
08-10	1,038,129	547,847	53	1,374,252	132	826,405	80
09-11	1,241,475	469,892	38	1,374,358	111	904,466	73
10-12	1,987,927	157,177	8	482,236	24	325,059	16
11-13	2,411,416	9,822	0	106	0	9,716-	0
12-14	7,500,864	1,842,392	25	73,613	1	1,768,779-	24-
13-15	6,725,951	2,027,326	30	103,351	2	1,923,975-	29-
14-16	7,447,273	2,153,233	29	103,421	1	2,049,812-	28-
15-17	3,366,762	1,050,971	31	614,984	18	435,987-	13-
16-18	4,385,891	1,439,779	33	585,246	13	854,533-	19-
FIVE-YEAR AVERAGE							
14-18	6,208,790	2,080,263	34	413,159	7	1,667,105-	27-

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DUKE ENERGY CAROLINAS

ACCOUNT 368 LINE TRANSFORMERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	7,969,730	137,482	2		0	137,482-	2-
2004	11,929,072	185,722	2		0	185,722-	2-
2005	10,198,378	235,260	2		0	235,260-	2-
2006	14,290,150	322,952	2		0	322,952-	2-
2007	12,096,520	326,306	3		0	326,306-	3-
2008	16,109,463	205,265	1		0	205,265-	1-
2009	10,908,481	1,024,651	9	4,304,198	39	3,279,547	30
2010	6,956,478	246,875	4	1,362,049	20	1,115,174	16
2011	5,147,666	3,583	0	8	0	3,575-	0
2012	6,039,448		0		0		0
2013	5,125,539		0		0		0
2014	1,965,334	6,507,246	331	2,617,761	133	3,889,485-	198-
2015	1,125,497	1,280,490	114	2,290,417	204	1,009,927	90
2016	1,662,342	272,424	16	241	0	272,183-	16-
2017	1,803,479	4,199,824	233	2,594,210	144	1,605,614-	89-
2018	1,451,855	1,283,484	88		0	1,283,484-	88-
TOTAL	114,779,432	16,231,564	14	13,168,886	11	3,062,678-	3-
THREE-YEAR MOVING AVERAGES							
03-05	10,032,393	186,154	2		0	186,154-	2-
04-06	12,139,200	247,978	2		0	247,978-	2-
05-07	12,195,016	294,839	2		0	294,839-	2-
06-08	14,165,378	284,841	2		0	284,841-	2-
07-09	13,038,155	518,741	4	1,434,733	11	915,992	7
08-10	11,324,807	492,264	4	1,888,749	17	1,396,486	12
09-11	7,670,875	425,036	6	1,888,752	25	1,463,715	19
10-12	6,047,864	83,486	1	454,019	8	370,533	6
11-13	5,437,551	1,194	0	3	0	1,192-	0
12-14	4,376,774	2,169,082	50	872,587	20	1,296,495-	30-
13-15	2,738,790	2,595,912	95	1,636,059	60	959,853-	35-
14-16	1,584,391	2,686,720	170	1,636,140	103	1,050,580-	66-
15-17	1,530,439	1,917,579	125	1,628,290	106	289,290-	19-
16-18	1,639,225	1,918,578	117	864,817	53	1,053,760-	64-
FIVE-YEAR AVERAGE							
14-18	1,601,701	2,708,694	169	1,500,526	94	1,208,168-	75-

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DUKE ENERGY CAROLINAS

ACCOUNT 369 SERVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	90,220	46,690	52		0	46,690-	52-
2004	342,544	159,991	47		0	159,991-	47-
2005	312,331	216,149	69		0	216,149-	69-
2006	261,406	177,230	68		0	177,230-	68-
2007	1,182,943	1,070,487	90		0	1,070,487-	90-
2008	476,032	181,966	38		0	181,966-	38-
2009	271,595	418,496	154	1,073,215	395	654,719	241
2010	179,875	414,456	230	995,507	553	581,050	323
2011	752,788	377	0	34	0	344-	0
2012	861,671		0		0		0
2013	455,321		0		0		0
2014	5,698,862	810,076	14	34,976	1	775,100-	14-
2015	1,858,442	347,196	19	87,349	5	259,847-	14-
2016	1,529,798	56,777	4	5	0	56,772-	4-
2017	783,554	1,511,749	193	1,442,689	184	69,060-	9-
2018	1,731,456	608,445	35		0	608,445-	35-
TOTAL	16,788,837	6,020,086	36	3,633,775	22	2,386,311-	14-
THREE-YEAR MOVING AVERAGES							
03-05	248,365	140,943	57		0	140,943-	57-
04-06	305,427	184,457	60		0	184,457-	60-
05-07	585,560	487,955	83		0	487,955-	83-
06-08	640,127	476,561	74		0	476,561-	74-
07-09	643,523	556,983	87	357,738	56	199,245-	31-
08-10	309,167	338,306	109	689,574	223	351,268	114
09-11	401,419	277,776	69	689,585	172	411,808	103
10-12	598,111	138,278	23	331,847	55	193,569	32
11-13	689,926	126	0	11	0	115-	0
12-14	2,338,618	270,025	12	11,659	0	258,367-	11-
13-15	2,670,875	385,757	14	40,775	2	344,982-	13-
14-16	3,029,034	404,683	13	40,777	1	363,906-	12-
15-17	1,390,598	638,574	46	510,015	37	128,559-	9-
16-18	1,348,269	725,657	54	480,898	36	244,759-	18-
FIVE-YEAR AVERAGE							
14-18	2,320,422	666,849	29	313,004	13	353,845-	15-

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DUKE ENERGY CAROLINAS

ACCOUNTS 370 AND 370.01 METERING EQUIPMENT AND METERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	32,147,475	554,559	2		0	554,559-	2-
2004	50,297,376	783,073	2		0	783,073-	2-
2005	18,289,821	421,916	2		0	421,916-	2-
2006	13,256,900	299,601	2		0	299,601-	2-
2007	13,317,769	359,250	3		0	359,250-	3-
2008	10,606,021	135,141	1		0	135,141-	1-
2009	16,145,544	216,382	1	619,005	4	402,623	2
2010	10,030,243	91,111	1	722,409	7	631,298	6
2011	10,049,842	340	0	7	0	333-	0
2012	10,329,796		0		0		0
2013	30,764,736		0		0		0
2014	40,102,653	247,922	1	371,131	1	123,208	0
2015	20,211,269	305,792	2	867,509	4	561,717	3
2016	25,737,971	249	0		0	249-	0
2017	89,082,595	634	0	430	0	204-	0
2018	41,196,459	152,714	0		0	152,714-	0
TOTAL	431,566,469	3,568,683	1	2,580,491	1	988,192-	0
THREE-YEAR MOVING AVERAGES							
03-05	33,578,224	586,516	2		0	586,516-	2-
04-06	27,281,366	501,530	2		0	501,530-	2-
05-07	14,954,830	360,255	2		0	360,255-	2-
06-08	12,393,563	264,664	2		0	264,664-	2-
07-09	13,356,445	236,924	2	206,335	2	30,589-	0
08-10	12,260,602	147,544	1	447,138	4	299,594	2
09-11	12,075,210	102,611	1	447,140	4	344,529	3
10-12	10,136,627	30,484	0	240,805	2	210,322	2
11-13	17,048,125	113	0	2	0	111-	0
12-14	27,065,728	82,641	0	123,710	0	41,069	0
13-15	30,359,553	184,571	1	412,880	1	228,309	1
14-16	28,683,964	184,654	1	412,880	1	228,226	1
15-17	45,010,612	102,225	0	289,313	1	187,088	0
16-18	52,005,675	51,199	0	143	0	51,056-	0
FIVE-YEAR AVERAGE							
14-18	43,266,189	141,462	0	247,814	1	106,352	0

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DUKE ENERGY CAROLINAS

ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	2,869,014	247,459	9		0	247,459-	9-
2004	2,570,651	200,110	8		0	200,110-	8-
2005	3,831,895	441,977	12		0	441,977-	12-
2006	3,669,212	414,614	11		0	414,614-	11-
2007	3,593,955	484,738	13		0	484,738-	13-
2008	4,278,504	272,581	6		0	272,581-	6-
2009	5,881,228	544,880	9	2,504,342	43	1,959,462	33
2010	5,953,860	244,619	4	1,264,888	21	1,020,269	17
2011	5,429,803	773	0		0	773-	0
2012	2,747,416		0		0		0
2013	2,133,827		0		0		0
2014	1,759,695	1,063,684	60	5,355	0	1,058,330-	60-
2015	1,553,386	54,586	4	294,648	19	240,062	15
2016	4,021,787	30,667	1		0	30,667-	1-
2017	5,343,532	2,425,678	45	2,154,420	40	271,257-	5-
2018	3,159,701	271,263	9		0	271,263-	9-
TOTAL	58,797,467	6,697,631	11	6,223,653	11	473,978-	1-
THREE-YEAR MOVING AVERAGES							
03-05	3,090,520	296,516	10		0	296,516-	10-
04-06	3,357,253	352,234	10		0	352,234-	10-
05-07	3,698,354	447,110	12		0	447,110-	12-
06-08	3,847,224	390,644	10		0	390,644-	10-
07-09	4,584,562	434,066	9	834,781	18	400,714	9
08-10	5,371,197	354,027	7	1,256,410	23	902,383	17
09-11	5,754,964	263,424	5	1,256,410	22	992,986	17
10-12	4,710,360	81,797	2	421,629	9	339,832	7
11-13	3,437,015	258	0		0	258-	0
12-14	2,213,646	354,561	16	1,785	0	352,777-	16-
13-15	1,815,636	372,757	21	100,001	6	272,756-	15-
14-16	2,444,956	382,979	16	100,001	4	282,978-	12-
15-17	3,639,568	836,977	23	816,356	22	20,621-	1-
16-18	4,175,007	909,203	22	718,140	17	191,062-	5-
FIVE-YEAR AVERAGE							
14-18	3,167,620	769,176	24	490,885	15	278,291-	9-

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DUKE ENERGY CAROLINAS

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	336,176	63,791	19		0	63,791-	19-
2004	453,081	77,593	17		0	77,593-	17-
2005	529,919	134,468	25		0	134,468-	25-
2006	630,320	156,695	25		0	156,695-	25-
2007	687,398	203,970	30		0	203,970-	30-
2008	16,059,121	2,250,855	14		0	2,250,855-	14-
2009	12,243,066	147,492	1	558,749	5	411,257	3
2010	1,911,475	61,761	3	361,308	19	299,547	16
2011	2,965,114	142	0		0	142-	0
2012	1,342,567		0		0		0
2013	697,978		0		0		0
2014	36,237,769	5,639,853	16	1,687,754	5	3,952,099-	11-
2015	1,419,663	424,882	30	2,324,264	164	1,899,382	134
2016	1,306,084	13,560	1		0	13,560-	1-
2017	1,200,316	1,464,930	122	746,949	62	717,981-	60-
2018	1,090,600	1,159,146	106		0	1,159,146-	106-
TOTAL	79,110,646	11,799,137	15	5,679,024	7	6,120,113-	8-
THREE-YEAR MOVING AVERAGES							
03-05	439,725	91,951	21		0	91,951-	21-
04-06	537,773	122,919	23		0	122,919-	23-
05-07	615,879	165,044	27		0	165,044-	27-
06-08	5,792,280	870,507	15		0	870,507-	15-
07-09	9,663,195	867,439	9	186,250	2	681,189-	7-
08-10	10,071,220	820,036	8	306,686	3	513,350-	5-
09-11	5,706,551	69,798	1	306,686	5	236,888	4
10-12	2,073,052	20,634	1	120,436	6	99,802	5
11-13	1,668,553	47	0		0	47-	0
12-14	12,759,438	1,879,951	15	562,585	4	1,317,366-	10-
13-15	12,785,137	2,021,578	16	1,337,339	10	684,239-	5-
14-16	12,987,839	2,026,098	16	1,337,339	10	688,759-	5-
15-17	1,308,688	634,457	48	1,023,738	78	389,281	30
16-18	1,199,000	879,212	73	248,983	21	630,229-	53-
FIVE-YEAR AVERAGE							
14-18	8,250,886	1,740,474	21	951,793	12	788,681-	10-

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DUKE ENERGY CAROLINAS

ACCOUNT 390 OFFICE STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	521,419	481,513	92		0	481,513-	92-
2004	9,818,757	219,512-	2-		0	219,512	2
2005	3,642,739	432,727	12		0	432,727-	12-
2006	774,270	1,540,406-	199-		0	1,540,406	199
2007	319,599	743,285-	233-		0	743,285	233
2008	3,420,740	43,797-	1-		0	43,797	1
2009	5,420,796	131,238	2	2,382,030	44	2,250,792	42
2010	9,742,294	43,543	0		0	43,543-	0
2011	2,630,294	842,428	32	188,128	7	654,299-	25-
2012	4,589		0		0		0
2013	11,009,256	2,900,224	26	164,675	1	2,735,549-	25-
2014	4,997,045	869,053	17		0	869,053-	17-
2015	14,855,505	2,024,824	14		0	2,024,824-	14-
2016	9,198,163	1,354,055	15	18,290-	0	1,372,345-	15-
2017	6,401,151	750,070	12		0	750,070-	12-
2018	8,309,193	763,289	9	275,845	3	487,444-	6-
TOTAL	91,065,809	8,045,964	9	2,992,388	3	5,053,575-	6-
THREE-YEAR MOVING AVERAGES							
03-05	4,660,972	231,576	5		0	231,576-	5-
04-06	4,745,255	442,397-	9-		0	442,397	9
05-07	1,578,869	616,988-	39-		0	616,988	39
06-08	1,504,870	775,829-	52-		0	775,829	52
07-09	3,053,712	218,615-	7-	794,010	26	1,012,625	33
08-10	6,194,610	43,661	1	794,010	13	750,349	12
09-11	5,931,128	339,070	6	856,720	14	517,650	9
10-12	4,125,725	295,324	7	62,710	2	232,614-	6-
11-13	4,548,046	1,247,550	27	117,601	3	1,129,949-	25-
12-14	5,336,963	1,256,425	24	54,892	1	1,201,534-	23-
13-15	10,287,268	1,931,367	19	54,892	1	1,876,475-	18-
14-16	9,683,571	1,415,977	15	6,097-	0	1,422,074-	15-
15-17	10,151,606	1,376,317	14	6,097-	0	1,382,413-	14-
16-18	7,969,503	955,805	12	85,852	1	869,953-	11-
FIVE-YEAR AVERAGE							
14-18	8,752,212	1,152,258	13	51,511	1	1,100,747-	13-

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DUKE ENERGY CAROLINAS

ACCOUNT 392 TRANSPORTATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	13,798,263		0	15-	0	15-	0
2004	2,623,320		0		0		0
2005	4,758,501		0		0		0
2006	2,598,261		0		0		0
2007	2,934,843		0		0		0
2008	2,386,022		0		0		0
2009	6,562,766	378,610	6	2,661,793	41	2,283,183	35
2010	1,505,003		0		0		0
2011							
2012							
2013	1,709,543		0		0		0
2014							
2015							
2016	4,331,023		0		0		0
2017	1,965,494	1,611,802-	82-	1,659,705	84	3,271,507	166
2018	1,181,551		0	280,303	24	280,303	24
TOTAL	46,354,590	1,233,192-	3-	4,601,785	10	5,834,977	13
THREE-YEAR MOVING AVERAGES							
03-05	7,060,028		0	5-	0	5-	0
04-06	3,326,694		0		0		0
05-07	3,430,535		0		0		0
06-08	2,639,709		0		0		0
07-09	3,961,210	126,203	3	887,264	22	761,061	19
08-10	3,484,597	126,203	4	887,264	25	761,061	22
09-11	2,689,256	126,203	5	887,264	33	761,061	28
10-12	501,668		0		0		0
11-13	569,848		0		0		0
12-14	569,848		0		0		0
13-15	569,848		0		0		0
14-16	1,443,674		0		0		0
15-17	2,098,839	537,267-	26-	553,235	26	1,090,502	52
16-18	2,492,689	537,267-	22-	646,669	26	1,183,936	47
FIVE-YEAR AVERAGE							
14-18	1,495,614	322,360-	22-	388,002	26	710,362	47

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DUKE ENERGY CAROLINAS

ACCOUNT 396 POWER OPERATED EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	5,673,628		0	9-	0	9-	0
2004	790,067		0		0		0
2005	2,493,646		0		0		0
2006	2,497,852		0		0		0
2007	596,993		0		0		0
2008	291,257		0		0		0
2009	1,431,197	51,735	4	401,550	28	349,815	24
2010	1,124,725		0		0		0
2011	190,633		0		0		0
2012	104,944		0		0		0
2013	1,159,325		0		0		0
2014							
2015							
2016	9,282,847		0		0		0
2017	918,151	1,552,709-	169-	3,004,039	327	4,556,748	496
2018	356,695		0	56,115	16	56,115	16
TOTAL	26,911,960	1,500,974-	6-	3,461,695	13	4,962,668	18
THREE-YEAR MOVING AVERAGES							
03-05	2,985,780		0	3-	0	3-	0
04-06	1,927,188		0		0		0
05-07	1,862,830		0		0		0
06-08	1,128,701		0		0		0
07-09	773,149	17,245	2	133,850	17	116,605	15
08-10	949,060	17,245	2	133,850	14	116,605	12
09-11	915,518	17,245	2	133,850	15	116,605	13
10-12	473,434		0		0		0
11-13	484,967		0		0		0
12-14	421,423		0		0		0
13-15	386,442		0		0		0
14-16	3,094,282		0		0		0
15-17	3,400,333	517,570-	15-	1,001,346	29	1,518,916	45
16-18	3,519,231	517,570-	15-	1,020,051	29	1,537,621	44
FIVE-YEAR AVERAGE							
14-18	2,111,539	310,542-	15-	612,031	29	922,573	44

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PART IX. DETAILED DEPRECIATION CALCULATIONS

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DUKE ENERGY CAROLINAS

ACCOUNT 310 RIGHTS OF WAY

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)
MARSHALL						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. 0						
1965	452,636.00	351,970	452,636			
	452,636.00	351,970	452,636			
BELEWS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. 0						
1974	1,467,548.00	1,039,640	1,467,548			
1975	76,263.00	53,657	80,306	4,043-		
	1,543,811.00	1,093,297	1,547,854	4,043-		
LEE						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 6-2030						
NET SALVAGE PERCENT.. 0						
1950	3,106.00	2,665	3,106			
	3,106.00	2,665	3,106			
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 6-2024						
NET SALVAGE PERCENT.. 0						
1964	2,256.00	2,049	2,256			
1971	1,547.00	1,386	1,547			
1986	500.00	428	500			
	4,303.00	3,863	4,303			
	2,003,856.00	1,451,795	2,007,899	4,043-		

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

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DUKE ENERGY CAROLINAS

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)
MARSHALL						
INTERIM SURVIVOR CURVE.. IOWA 100-S0.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -5						
1965	2,533,049.65	2,040,656	1,865,650	794,052	14.61	54,350
1966	2,524,291.37	2,025,702	1,851,978	798,527	14.62	54,619
1969	5,831,281.36	4,618,768	4,222,664	1,900,181	14.68	129,440
1970	4,935,190.17	3,891,489	3,557,756	1,624,194	14.69	110,565
1971	488,287.56	383,137	350,279	162,423	14.71	11,042
1972	12,693.83	9,910	9,060	4,268	14.73	290
1973	809,364.51	628,672	574,757	275,075	14.74	18,662
1974	8,874.24	6,855	6,267	3,051	14.76	207
1975	27,413.70	21,056	19,250	9,534	14.78	645
1976	6,125.20	4,677	4,276	2,156	14.80	146
1979	4,942.14	3,702	3,385	1,805	14.84	122
1980	317,171.84	235,899	215,668	117,362	14.86	7,898
1981	1,621,543.87	1,197,028	1,094,371	608,250	14.88	40,877
1982	6,271.32	4,595	4,201	2,384	14.89	160
1984	67,000.99	48,286	44,145	26,206	14.92	1,756
1985	400,463.87	285,994	261,467	159,020	14.94	10,644
1986	728,665.63	515,409	471,208	293,891	14.96	19,645
1988	26,917.68	18,654	17,054	11,209	14.99	748
1989	958,767.15	657,238	600,873	405,832	15.00	27,055
1990	303,089.54	205,321	187,713	130,531	15.02	8,690
1992	441,252.21	291,314	266,331	196,984	15.05	13,089
1993	1,159,399.89	754,867	690,130	527,240	15.06	35,009
1994	502,197.28	321,995	294,381	232,926	15.08	15,446
1995	58,360.80	36,829	33,671	27,608	15.09	1,830
1997	1,492,130.38	908,519	830,605	736,132	15.12	48,686
1998	364,496.16	217,496	198,844	183,877	15.14	12,145
1999	249,044.12	145,455	132,981	128,515	15.15	8,483
2000	606,175.84	345,745	316,094	320,391	15.17	21,120
2001	238,154.48	132,468	121,108	128,955	15.18	8,495
2004	1,129,678.29	573,142	523,990	662,173	15.22	43,507
2005	3,285,347.82	1,605,623	1,467,925	1,981,690	15.24	130,032
2006	520,168.57	243,846	222,934	323,243	15.25	21,196
2007	165,438.65	74,056	67,705	106,006	15.26	6,947
2008	4,424,348.57	1,877,087	1,716,109	2,929,457	15.28	191,718
2009	2,349,710.95	938,694	858,192	1,609,005	15.29	105,233
2010	13,253,494.68	4,936,065	4,512,750	9,403,420	15.30	614,603
2011	6,346,306.80	2,176,272	1,989,636	4,673,987	15.32	305,091
2012	1,459,315.02	453,770	414,855	1,117,426	15.33	72,891
2013	1,222,113.32	337,294	308,368	974,851	15.34	63,550
2014	2,391,209.97	565,978	517,440	1,993,331	15.36	129,774
2015	3,663,777.72	710,227	649,318	3,197,648	15.37	208,045

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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)
MARSHALL						
INTERIM SURVIVOR CURVE.. IOWA 100-S0.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -5						
2016	3,091,630.96	453,885	414,960	2,831,253	15.38	184,087
2017	3,461,882.21	320,678	293,177	3,341,800	15.40	217,000
2018	104,266,194.53	3,440,941	3,145,847	106,333,657	15.41	6,900,302
	177,753,234.84	38,665,294	35,349,371	151,291,526		9,855,840
BELEWS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S0.5						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -7						
1974	22,854,210.73	17,131,743	15,662,530	8,791,475	17.43	504,388
1975	24,789,838.20	18,465,467	16,881,875	9,643,252	17.45	552,622
1976	1,320,351.36	976,765	892,998	519,778	17.48	29,736
1978	44,956.24	32,785	29,973	18,130	17.53	1,034
1979	291,599.95	211,057	192,957	119,055	17.55	6,784
1980	64,499.06	46,319	42,347	26,667	17.57	1,518
1981	154,706.96	110,189	100,739	64,797	17.59	3,684
1982	39,921.07	28,180	25,763	16,952	17.62	962
1983	86,417.04	60,453	55,269	37,198	17.64	2,109
1984	14,675.97	10,169	9,297	6,406	17.66	363
1986	16,133.99	10,949	10,010	7,253	17.71	410
1988	637,812.09	423,125	386,838	295,621	17.75	16,655
1990	36,354.53	23,511	21,495	17,405	17.79	978
1991	112,046.31	71,434	65,308	54,582	17.82	3,063
1993	1,554,236.25	961,366	878,920	784,113	17.86	43,903
1994	277,628.81	168,889	154,405	142,658	17.88	7,979
1995	1,732,186.43	1,035,072	946,305	907,135	17.90	50,678
1996	850,546.75	498,663	455,898	454,187	17.92	25,345
1997	758,029.17	435,386	398,047	413,044	17.94	23,024
1998	460,276.46	258,619	236,440	256,056	17.96	14,257
1999	208,843.50	114,607	104,778	118,684	17.98	6,601
2000	615,146.26	329,011	300,795	357,411	18.00	19,856
2002	29,542.75	14,898	13,620	17,990	18.05	997
2003	152,253,999.64	74,269,851	67,900,493	95,011,287	18.07	5,257,957
2004	356,486.92	167,678	153,298	228,143	18.09	12,612
2005	1,159,465.78	524,116	479,168	761,460	18.10	42,070
2006	14,476,140.75	6,256,972	5,720,376	9,769,094	18.12	539,133
2007	1,455,130.76	597,946	546,666	1,010,324	18.14	55,696
2008	580,931.74	225,658	206,306	415,291	18.16	22,868

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DUKE ENERGY CAROLINAS

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)
BELEWS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S0.5						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -7						
2009	1,088,062.26	395,965	362,007	802,219	18.18	44,126
2010	726,094.63	245,344	224,303	552,618	18.20	30,364
2011	17,602,441.79	5,450,549	4,983,112	13,851,501	18.22	760,236
2012	977,841.17	273,019	249,605	796,685	18.24	43,678
2013	20,875,444.57	5,134,320	4,694,002	17,642,723	18.26	966,195
2014	2,538,425.29	533,662	487,895	2,228,220	18.28	121,894
2015	2,497,065.85	426,910	390,298	2,281,562	18.30	124,676
2016	12,099,390.90	1,549,031	1,416,187	11,530,162	18.32	629,376
2017	9,715,605.71	781,133	714,143	9,681,555	18.34	527,893
2018	54,826,986.12	1,524,700	1,393,942	57,270,933	18.36	3,119,332
	350,179,473.76	139,775,511	127,788,409	246,903,628		13,615,052
CLIFFSIDE 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 100-S0.5						
PROBABLE RETIREMENT YEAR.. 6-2026						
NET SALVAGE PERCENT.. -4						
1970	195.00	175	160	43	7.32	6
1972	12,163,619.87	10,830,185	9,901,392	2,748,773	7.33	375,003
1973	119,306.00	105,928	96,844	27,235	7.33	3,716
1976	76,067.00	66,903	61,165	17,944	7.34	2,445
1978	279,969.00	244,482	223,515	67,652	7.35	9,204
1979	110,837.00	96,431	88,161	27,109	7.35	3,688
1982	6,960.00	5,978	5,465	1,773	7.37	241
1983	1,321,761.00	1,130,153	1,033,231	341,400	7.37	46,323
1987	35,631.00	29,825	27,267	9,789	7.38	1,326
1988	49,635.00	41,285	37,744	13,876	7.39	1,878
1989	72,413.00	59,846	54,714	20,596	7.39	2,787
1992	1,048,280.00	847,290	774,627	315,585	7.40	42,647
1993	46,452.00	37,221	34,029	14,281	7.41	1,927
1994	64,258.00	51,027	46,651	20,177	7.41	2,723
1995	714,538.00	561,984	513,788	229,331	7.41	30,949
1996	378,311.00	294,315	269,075	124,369	7.42	16,761
1997	14,125.00	10,867	9,935	4,755	7.42	641
1999	3,902.00	2,925	2,674	1,384	7.43	186
2000	107,606.00	79,481	72,665	39,246	7.43	5,282
2001	140,265.00	101,960	93,216	52,660	7.43	7,087
2002	15,540,891.00	11,090,887	10,139,736	6,022,790	7.44	809,515
2003	28,864.00	20,202	18,469	11,549	7.44	1,552

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ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

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)
CLIFFSIDE 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 100-S0.5						
PROBABLE RETIREMENT YEAR.. 6-2026						
NET SALVAGE PERCENT.. -4						
2004	414,254.00	283,655	259,329	171,495	7.44	23,050
2006	26,583.00	17,260	15,780	11,867	7.45	1,593
2007	255,092.50	160,443	146,683	118,613	7.45	15,921
2008	808,455.50	489,989	447,968	392,826	7.46	52,658
2009	894,576.93	519,439	474,892	455,468	7.46	61,055
2010	24,612,256.10	13,594,688	12,428,812	13,167,934	7.46	1,765,139
2011	728,760.51	378,705	346,227	411,684	7.47	55,112
2016	1,659,730.03	432,393	395,311	1,330,808	7.48	177,916
2017	527,550.39	91,647	83,787	464,865	7.48	62,148
2018	111,165.46	7,235	6,615	108,998	7.49	14,552
	62,362,310.29	41,684,804	38,109,929	26,746,874		3,595,031
LEE						
INTERIM SURVIVOR CURVE.. IOWA 100-S0.5						
PROBABLE RETIREMENT YEAR.. 6-2030						
NET SALVAGE PERCENT.. -11						
1951	2,611,353.91	2,447,058	2,237,199	661,404	10.87	60,847
1958	2,912,513.59	2,688,342	2,457,791	775,099	10.94	70,850
1960	62,093.39	57,016	52,126	16,797	10.97	1,531
1963	6,648.00	6,055	5,536	1,844	11.00	168
1965	1,267.00	1,147	1,049	358	11.02	32
1966	58,569.00	52,856	48,323	16,689	11.03	1,513
1967	4,184.00	3,763	3,440	1,204	11.04	109
1969	2,237.00	1,998	1,827	656	11.06	59
1979	61,519.00	52,561	48,053	20,233	11.15	1,815
1982	6,960.00	5,841	5,340	2,386	11.18	213
1984	38,190.00	31,632	28,919	13,472	11.19	1,204
1989	611,340.00	486,174	444,480	234,108	11.24	20,828
1991	168,033.00	131,035	119,797	66,719	11.25	5,931
1993	118,375.00	90,251	82,511	48,885	11.27	4,338
1994	270,092.00	203,374	185,933	113,869	11.28	10,095
1995	245,608.00	182,468	166,820	105,805	11.29	9,372
1996	146,256.00	107,154	97,965	64,380	11.29	5,702
1998	43,502.00	30,861	28,214	20,073	11.31	1,775
1999	27,913.00	19,446	17,778	13,205	11.32	1,167
2002	55,066.00	35,964	32,880	28,244	11.34	2,491
2006	64,934.00	37,513	34,296	37,781	11.37	3,323
2007	102,504.94	56,865	51,988	61,792	11.38	5,430

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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)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 100-S0.5						
PROBABLE RETIREMENT YEAR.. 6-2030						
NET SALVAGE PERCENT.. -11						
2008	5,759,762.94	3,049,877	2,788,321	3,605,016	11.39	316,507
2009	318,097.01	159,832	146,125	206,963	11.39	18,171
2010	628,739.01	296,684	271,240	426,660	11.40	37,426
2011	26,579.29	11,645	10,646	18,857	11.41	1,653
2013	88,288.07	31,738	29,016	68,984	11.42	6,041
2016	162,416.98	32,202	29,440	150,842	11.45	13,174
2017	510,692.30	65,660	60,029	506,839	11.45	44,265
2018	19,204,184.38	891,249	814,816	20,501,829	11.46	1,788,990
	34,317,918.81	11,268,261	10,301,899	27,790,991		2,435,020
CLIFFSIDE 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 100-S0.5						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -6						
2007	299.34	90	82	235	28.42	8
2010	2,152,706.81	515,611	471,392	1,810,477	28.57	63,370
2012	150,811,995.89	29,219,342	26,713,501	133,147,215	28.66	4,645,751
2013	1,858,092.52	313,261	286,396	1,683,182	28.71	58,627
2014	129,242.00	18,358	16,784	120,213	28.76	4,180
2015	536,945.27	61,185	55,938	513,224	28.81	17,814
2016	530,650.64	44,510	40,693	521,797	28.86	18,080
2017	208,613.36	10,838	9,909	211,222	28.91	7,306
	156,228,545.83	30,183,195	27,594,694	138,007,565		4,815,136
CLIFFSIDE 5 AND 6 COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 100-S0.5						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -5						
2010	6,758,550.99	1,603,520	1,466,003	5,630,476	28.57	197,077
2014	113,362.81	15,950	14,582	104,449	28.76	3,632
2015	8,720,852.63	984,366	899,947	8,256,948	28.81	286,600
2016	7,728,175.74	642,107	587,040	7,527,544	28.86	260,830
2017	1,862,479.45	95,844	87,624	1,867,979	28.91	64,614
2018	65,401,942.11	1,142,703	1,044,705	67,627,334	28.96	2,335,198
	90,585,363.73	4,484,490	4,099,902	91,014,730		3,147,951

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DUKE ENERGY CAROLINAS

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

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)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 100-S0.5						
PROBABLE RETIREMENT YEAR.. 6-2024						
NET SALVAGE PERCENT.. -4						
1957	6,272,030.01	5,951,309	5,440,927	1,081,985	5.37	201,487
1959	5,208,573.69	4,929,232	4,506,503	910,414	5.38	169,222
1960	2,645,668.29	2,500,559	2,286,112	465,383	5.38	86,502
1961	3,363,769.48	3,175,006	2,902,718	595,602	5.38	110,707
1962	12,850.76	12,111	11,072	2,292	5.39	425
1963	7,663.71	7,212	6,594	1,377	5.39	255
1964	12,308.94	11,566	10,574	2,227	5.39	413
1965	65,889.45	61,816	56,515	12,010	5.39	2,228
1966	20,884.21	19,561	17,883	3,836	5.39	712
1970	6,042.40	5,618	5,136	1,148	5.40	213
1973	3,596,320.95	3,322,284	3,037,366	702,808	5.41	129,909
1974	8,024.65	7,396	6,762	1,584	5.41	293
1975	4,854.61	4,464	4,081	968	5.41	179
1976	23,895.34	21,913	20,034	4,817	5.42	889
1978	24,033.49	21,922	20,042	4,953	5.42	914
1979	26,216.78	23,846	21,801	5,464	5.42	1,008
1981	11,994.96	10,840	9,910	2,564	5.43	472
1982	6,955.77	6,265	5,728	1,506	5.43	277
1983	85,506.33	76,745	70,163	18,763	5.43	3,455
1985	563,785.07	501,998	458,947	127,390	5.44	23,417
1986	1,472.43	1,306	1,194	337	5.44	62
1987	11,760.61	10,382	9,492	2,739	5.44	503
1988	27,345.41	24,028	21,967	6,472	5.44	1,190
1989	664,436.45	580,908	531,090	159,924	5.44	29,398
1990	226,064.17	196,523	179,669	55,437	5.45	10,172
1992	398,829.95	342,652	313,266	101,517	5.45	18,627
1993	245,579.35	209,614	191,638	63,765	5.45	11,700
1994	30,034.46	25,455	23,272	7,964	5.45	1,461
1996	77,813.31	64,887	59,322	21,604	5.46	3,957
1997	511,723.80	422,955	386,683	145,510	5.46	26,650
1998	405,438.90	331,865	303,404	118,252	5.46	21,658
2000	486,803.69	389,691	356,271	150,005	5.46	27,473
2001	572,974.19	452,617	413,801	182,092	5.47	33,289
2002	137,448.61	107,046	97,866	45,081	5.47	8,241
2003	116,604.14	89,393	81,727	39,542	5.47	7,229
2004	858,170.45	646,311	590,884	301,614	5.47	55,140
2005	907,345.90	669,805	612,363	331,277	5.47	60,563
2006	88,271.49	63,717	58,253	33,550	5.47	6,133
2007	165,549.03	116,310	106,335	65,836	5.48	12,014

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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)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 100-S0.5						
PROBABLE RETIREMENT YEAR.. 6-2024						
NET SALVAGE PERCENT.. -4						
2008	29,499.32	20,112	18,387	12,292	5.48	2,243
2009	44,319,068.95	29,173,825	26,671,887	19,419,945	5.48	3,543,786
2010	5,500,679.81	3,471,840	3,174,096	2,546,611	5.48	464,710
2011	19,875.58	11,923	10,900	9,770	5.48	1,783
2012	1,898,934.31	1,070,016	978,252	996,640	5.48	181,869
2013	147,655.36	76,710	70,131	83,430	5.49	15,197
2014	454,195.36	212,516	194,291	278,072	5.49	50,651
2015	1,762,601.77	712,418	651,321	1,181,785	5.49	215,261
2016	2,731,048.68	888,699	812,484	2,027,806	5.49	369,364
2017	1,049,648.61	234,254	214,164	877,470	5.49	159,831
2018	67,148,203.00	5,829,055	5,329,157	64,504,974	5.49	11,749,540
	152,962,345.98	67,118,496	61,362,435	97,718,405		17,822,672
SHARED DEPRATMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 100-S0.5						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -20						
1978	96,248.76	66,644	60,929	54,570	26.86	2,032
1986	1,387,845.86	873,444	798,538	866,877	27.31	31,742
1987	17,037.00	10,565	9,659	10,785	27.37	394
1988	80,084.00	48,919	44,724	51,377	27.42	1,874
1989	103,445.00	62,169	56,837	67,297	27.48	2,449
1992	1,119,480.54	637,593	582,913	760,463	27.64	27,513
1996	103,020.00	53,746	49,137	74,487	27.85	2,675
2012	21,400.00	4,694	4,291	21,389	28.66	746
2013	165,184.10	31,527	28,823	169,398	28.71	5,900
2014	1,024,587.95	164,754	150,625	1,078,881	28.76	37,513
2016	1,322,344.73	125,565	114,797	1,472,017	28.86	51,005
2017	23,049,918.34	1,355,612	1,239,355	26,420,547	28.91	913,890
2018	474,191.38	9,469	8,657	560,373	28.96	19,350
	28,964,787.66	3,444,701	3,149,285	31,608,460		1,097,083
	1,053,353,980.90	336,624,752	307,755,924	811,082,179		56,383,785

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 14.4 5.35

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DUKE ENERGY CAROLINAS

ACCOUNT 311.01 STRCUTURES AND IMPROVEMENTS - CAPITAL LEASE

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)
CLIFFSIDE 5 AND 6 COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. SQUARE						
PROBABLE RETIREMENT YEAR.. 10-2038						
NET SALVAGE PERCENT.. 0						
2018	51,965,134.00	1,277,823		51,965,134	19.83	2,620,531
	51,965,134.00	1,277,823		51,965,134		2,620,531

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 19.8 5.04

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DUKE ENERGY CAROLINAS

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)
MARSHALL						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -5						
1965	1,976,701.64	1,674,605	1,904,853	170,684	8.99	18,986
1966	6,386,201.13	5,372,791	6,111,518	593,994	9.23	64,355
1968	421.49	350	398	44	9.69	5
1969	9,204,288.75	7,585,185	8,628,102	1,036,401	9.91	104,581
1970	11,906,846.10	9,742,955	11,082,553	1,419,635	10.13	140,142
1971	1,610,157.82	1,307,933	1,487,766	202,900	10.35	19,604
1972	2,002,262.06	1,614,309	1,836,267	266,108	10.57	25,176
1973	5,190,309.87	4,153,203	4,724,244	725,582	10.78	67,308
1974	121,671.30	96,610	109,893	17,862	10.99	1,625
1975	689,670.21	543,354	618,062	106,092	11.19	9,481
1976	278,675.18	217,780	247,723	44,885	11.39	3,941
1977	2,346,711.60	1,819,083	2,069,196	394,851	11.58	34,098
1978	485,953.30	373,509	424,864	85,387	11.77	7,255
1979	504,578.49	384,497	437,363	92,444	11.95	7,736
1982	311,113.82	230,750	262,477	64,193	12.45	5,156
1983	619,006.03	454,631	517,140	132,816	12.61	10,533
1984	2,811,367.42	2,044,304	2,325,384	626,552	12.76	49,103
1985	160,277.82	115,354	131,214	37,077	12.90	2,874
1986	2,992,022.15	2,130,335	2,423,243	718,380	13.04	55,090
1987	2,955,753.57	2,081,204	2,367,357	736,184	13.17	55,899
1988	1,076,799.68	749,456	852,502	278,138	13.29	20,928
1989	721,365.29	495,990	564,186	193,248	13.41	14,411
1990	3,570,748.11	2,424,400	2,757,740	991,545	13.52	73,339
1991	508,671.00	340,748	387,599	146,506	13.63	10,749
1992	4,603,963.71	3,040,785	3,458,875	1,375,287	13.73	100,167
1993	6,320,082.18	4,111,985	4,677,358	1,958,728	13.83	141,629
1994	3,618,582.63	2,317,588	2,636,242	1,163,269	13.92	83,568
1995	2,208,172.43	1,390,476	1,581,658	736,923	14.01	52,600
1996	96,092.68	59,450	67,624	33,273	14.09	2,361
1997	9,171,217.92	5,565,049	6,330,210	3,299,569	14.17	232,856
1998	2,988,910.28	1,776,560	2,020,826	1,117,529	14.25	78,423
1999	30,513,506.25	17,737,532	20,176,336	11,862,845	14.32	828,411
2000	900,500.43	511,265	581,561	363,965	14.38	25,311
2001	11,520,339.25	6,371,151	7,247,146	4,849,210	14.45	335,585
2002	34,189,968.27	18,384,117	20,911,823	14,987,644	14.51	1,032,918
2003	8,574,860.92	4,469,119	5,083,596	3,920,008	14.57	269,047
2004	15,947,459.93	8,035,845	9,140,726	7,604,107	14.62	520,117
2005	19,004,813.64	9,224,024	10,492,272	9,462,782	14.67	645,043
2006	83,066,303.18	38,643,524	43,956,777	43,262,841	14.72	2,939,052
2007	492,947,007.11	218,735,375	248,810,178	268,784,179	14.77	18,197,981
2008	115,901,715.52	48,787,031	55,494,955	66,201,846	14.81	4,470,077

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DUKE ENERGY CAROLINAS

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)
MARSHALL						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -5						
2009	9,276,189.60	3,672,954	4,177,963	5,562,036	14.85	374,548
2010	18,922,011.62	6,983,244	7,943,398	11,924,714	14.89	800,854
2011	18,801,278.81	6,386,719	7,264,855	12,476,488	14.93	835,666
2012	20,190,853.71	6,218,924	7,073,989	14,126,408	14.96	944,279
2013	35,359,688.11	9,639,086	10,964,403	26,163,270	15.00	1,744,218
2014	15,554,978.25	3,646,445	4,147,809	12,184,918	15.03	810,706
2015	45,147,847.37	8,668,048	9,859,853	37,545,387	15.06	2,493,054
2016	46,785,197.40	6,764,929	7,695,066	41,429,391	15.09	2,745,486
2017	16,792,245.22	1,543,845	1,756,114	15,875,743	15.11	1,050,678
2018	97,024,415.49	3,130,638	3,561,082	98,314,554	15.14	6,493,696
	1,223,859,775.74	491,769,044	559,384,340	725,668,425		49,050,706
BELEWS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -7						
1974	27,062,909.65	21,306,212	24,235,688	4,721,625	12.08	390,863
1975	52,654,673.21	41,070,535	46,717,487	9,623,013	12.34	779,823
1977	1,386,112.20	1,060,045	1,205,795	277,345	12.86	21,566
1978	133,697.98	101,213	115,129	27,928	13.11	2,130
1979	144,443.02	108,230	123,111	31,443	13.35	2,355
1980	2,452,803.59	1,818,280	2,068,283	556,217	13.59	40,928
1981	971,289.03	712,260	810,191	229,088	13.82	16,577
1982	396,209.99	287,235	326,728	97,217	14.05	6,919
1983	1,119,022.36	802,119	912,406	284,948	14.26	19,982
1984	613,549.96	434,595	494,349	162,149	14.47	11,206
1985	4,762,414.97	3,332,694	3,790,919	1,304,865	14.67	88,948
1987	3,677,521.55	2,507,939	2,852,766	1,082,182	15.05	71,906
1988	8,869,611.84	5,966,003	6,786,293	2,704,192	15.23	177,557
1989	8,424,705.81	5,587,598	6,355,859	2,658,576	15.40	172,635
1990	1,618,656.98	1,057,900	1,203,355	528,608	15.56	33,972
1991	580,761.92	373,763	425,153	196,262	15.71	12,493
1992	5,091,161.63	3,223,638	3,666,869	1,780,674	15.86	112,275
1993	349,740.88	217,727	247,663	126,560	16.00	7,910
1994	488,721.46	298,756	339,833	183,099	16.14	11,344
1996	7,150,888.77	4,202,406	4,780,212	2,871,239	16.39	175,182
1998	4,826,809.95	2,713,681	3,086,796	2,077,891	16.61	125,099
1999	8,640,198.45	4,738,439	5,389,946	3,855,066	16.72	230,566

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DUKE ENERGY CAROLINAS

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)
BELEWS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -7						
2000	31,497,557.05	16,816,143	19,128,262	14,574,124	16.82	866,476
2001	439,068.54	227,892	259,226	210,578	16.91	12,453
2002	2,637,104.84	1,326,398	1,508,770	1,312,932	17.00	77,231
2003	312,303,660.05	151,767,680	172,634,826	161,530,090	17.09	9,451,731
2004	9,278,997.92	4,344,724	4,942,098	4,986,430	17.17	290,415
2005	4,217,917.19	1,896,931	2,157,748	2,355,424	17.24	136,626
2006	1,074,880.23	461,555	525,016	625,106	17.32	36,092
2007	36,301,646.94	14,813,076	16,849,785	21,992,977	17.39	1,264,691
2008	553,208,840.19	213,297,303	242,624,404	349,309,055	17.45	20,017,711
2009	17,303,105.65	6,248,584	7,107,727	11,406,596	17.51	651,433
2010	47,735,121.13	15,994,120	18,193,216	32,883,364	17.57	1,871,563
2011	12,274,820.89	3,766,979	4,284,916	8,849,142	17.63	501,937
2012	28,512,394.48	7,883,030	8,966,899	21,541,363	17.68	1,218,403
2013	45,193,320.70	11,015,208	12,529,733	35,827,120	17.73	2,020,706
2014	30,786,231.91	6,403,124	7,283,515	25,657,753	17.78	1,443,068
2015	20,958,590.37	3,548,641	4,036,558	18,389,134	17.82	1,031,938
2016	44,069,431.78	5,562,792	6,327,643	40,826,649	17.87	2,284,647
2017	62,874,937.50	5,006,694	5,695,084	61,581,099	17.91	3,438,364
2018	117,759,874.03	3,350,422	3,811,085	122,191,980	17.94	6,811,147
	1,519,843,406.59	575,652,564	654,801,341	971,431,104		55,938,868
CLIFFSIDE 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 6-2026						
NET SALVAGE PERCENT.. -4						
1972	19,177,958.91	17,013,350	19,352,584	592,494	6.35	93,306
1973	2,353,241.35	2,080,926	2,367,041	80,330	6.41	12,532
1974	129,115.29	113,790	129,435	4,844	6.47	749
1975	330,822.89	290,514	330,458	13,598	6.53	2,082
1976	10,847.50	9,493	10,798	483	6.58	73
1977	41,912.08	36,542	41,566	2,022	6.63	305
1978	2,963,365.81	2,573,695	2,927,563	154,338	6.68	23,104
1979	132,564.77	114,695	130,465	7,402	6.72	1,101
1980	79,953.09	68,871	78,340	4,811	6.77	711
1981	3,199,146.69	2,743,903	3,121,173	205,939	6.81	30,241
1982	27,360.25	23,360	26,572	1,883	6.85	275
1983	369,516.87	314,071	357,254	27,044	6.88	3,931
1984	217,722.15	184,093	209,405	17,026	6.92	2,460

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DUKE ENERGY CAROLINAS

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)
CLIFFSIDE 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 6-2026						
NET SALVAGE PERCENT.. -4						
1985	324,511.44	272,984	310,518	26,974	6.95	3,881
1986	1,153,660.24	965,160	1,097,864	101,943	6.98	14,605
1988	446,971.98	369,440	420,236	44,615	7.04	6,337
1989	1,274,148.43	1,046,045	1,189,870	135,244	7.07	19,129
1990	33,547.34	27,357	31,118	3,771	7.09	532
1991	512,753.62	415,077	472,148	61,116	7.11	8,596
1992	5,303,411.35	4,257,782	4,843,201	672,346	7.14	94,166
1993	834,456.04	664,310	755,649	112,186	7.16	15,668
1995	4,535,543.50	3,543,007	4,030,149	686,816	7.20	95,391
1997	88,411.82	67,579	76,871	15,078	7.23	2,085
1998	25,980.69	19,608	22,304	4,716	7.25	650
1999	401,886.18	299,336	340,493	77,469	7.26	10,671
2000	398,716.16	292,546	332,769	81,895	7.28	11,249
2001	4,291,823.80	3,098,604	3,524,643	938,853	7.29	128,786
2002	62,735,895.05	44,501,230	50,619,882	14,625,449	7.30	2,003,486
2003	1,981,685.19	1,378,324	1,567,835	493,117	7.31	67,458
2004	368,206.45	250,527	284,973	97,962	7.32	13,383
2005	294,028.46	195,005	221,817	83,973	7.34	11,440
2006	725,462.24	467,899	532,232	222,248	7.35	30,238
2007	777,966.48	486,414	553,293	255,792	7.35	34,802
2008	7,107,553.49	4,283,063	4,871,958	2,519,897	7.36	342,377
2009	13,580,949.93	7,838,218	8,915,926	5,208,262	7.37	706,684
2010	355,097,910.16	194,817,793	221,604,072	147,697,755	7.38	20,013,246
2011	27,447,617.36	14,175,421	16,124,456	12,421,066	7.39	1,680,794
2012	4,593,387.70	2,204,021	2,507,061	2,270,063	7.39	307,180
2013	2,021,246.18	883,973	1,005,514	1,096,582	7.40	148,187
2014	787,731.60	305,225	347,192	472,049	7.41	63,704
2015	8,541,312.59	2,810,748	3,197,209	5,685,756	7.41	767,309
2016	3,324,342.69	858,210	976,209	2,481,108	7.42	334,381
2017	31,139,858.47	5,349,105	6,084,575	26,300,878	7.43	3,539,822
2018	18,270,999.43	1,175,644	1,337,288	17,664,551	7.43	2,377,463
	587,455,503.71	322,886,958	367,281,979	243,671,745		33,024,570

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DUKE ENERGY CAROLINAS

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)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 6-2030						
NET SALVAGE PERCENT.. -11						
1958	3,804,122.95	3,623,857	4,122,116	100,461	6.63	15,152
1960	186,068.00	175,656	199,808	6,728	6.97	965
1965	1,638.00	1,511	1,719	99	7.77	13
1967	52,386.00	47,872	54,454	3,694	8.08	457
1969	90,563.00	81,955	93,223	7,302	8.37	872
1970	6,334.00	5,703	6,487	544	8.51	64
1971	257.00	230	262	24	8.65	3
1972	1,709.00	1,523	1,732	165	8.78	19
1975	127,856.00	112,083	127,494	14,426	9.16	1,575
1976	54,006.00	47,070	53,542	6,405	9.28	690
1977	297,629.00	257,905	293,365	37,003	9.39	3,941
1978	6,500.00	5,598	6,368	847	9.50	89
1979	67,295.00	57,607	65,528	9,170	9.60	955
1983	410,013.00	341,509	388,464	66,650	9.98	6,678
1984	15,676.00	12,960	14,742	2,658	10.06	264
1985	167,882.00	137,712	156,647	29,702	10.14	2,929
1986	66,561.00	54,166	61,613	12,269	10.21	1,202
1987	983,294.00	793,445	902,539	188,917	10.28	18,377
1989	278,273.00	220,363	250,662	58,221	10.42	5,587
1990	1,867,133.00	1,463,944	1,665,228	407,290	10.48	38,864
1991	8,936,669.00	6,935,261	7,888,818	2,030,885	10.53	192,867
1993	230,816.00	175,001	199,063	57,143	10.64	5,371
1995	482,346.00	356,322	405,314	130,090	10.73	12,124
1998	109,672.00	77,283	87,909	33,827	10.86	3,115
2000	78,590.00	53,315	60,645	26,589	10.93	2,433
2001	57,311.00	38,057	43,290	20,326	10.96	1,855
2002	3,394,757.50	2,199,902	2,502,375	1,265,806	11.00	115,073
2004	1,174,613.00	721,000	820,133	483,687	11.05	43,773
2006	163,097.42	93,515	106,373	74,665	11.10	6,727
2007	149,857.00	82,455	93,792	72,549	11.13	6,518
2008	247,851.45	130,215	148,119	126,996	11.15	11,390
2009	39,617.30	19,730	22,443	21,532	11.17	1,928
2010	187,972.64	87,990	100,088	108,562	11.19	9,702
2013	385,808.68	137,318	156,198	272,049	11.25	24,182
2014	9,025.04	2,796	3,180	6,837	11.26	607
2015	22,237,213.86	5,716,901	6,502,941	18,180,367	11.28	1,611,735
2016	428,773.57	84,293	95,883	380,056	11.29	33,663
	46,799,187.41	24,354,023	27,702,555	24,244,543		2,181,759

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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)
CLIFFSIDE 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -6						
2007	2,029.53	617	702	1,449	25.93	56
2010	195,414,991.34	47,165,753	53,650,761	153,489,130	26.49	5,794,229
2011	73,370.03	16,009	18,210	59,562	26.66	2,234
2012	1,005,462,141.24	195,369,941	222,232,137	843,557,733	26.82	31,452,563
2014	2,586,906.49	366,951	417,405	2,324,716	27.12	85,720
2015	16,159,544.76	1,834,700	2,086,960	15,042,157	27.26	551,803
2016	6,845,303.91	573,371	652,206	6,603,816	27.39	241,103
2017	9,005,998.86	465,290	529,265	9,017,094	27.52	327,656
2018	41,838,089.85	741,505	843,457	43,504,918	27.64	1,573,984
	1,277,388,376.01	246,534,137	280,431,103	1,073,600,576		40,029,348
CLIFFSIDE 5 AND 6 COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -5						
2011	11,782,172.81	2,546,505	2,896,634	9,474,647	26.66	355,388
2015	115,358.14	12,974	14,758	106,368	27.26	3,902
2017	350,282.18	17,926	20,391	347,406	27.52	12,624
2018	1,073,992.06	18,855	21,447	1,106,244	27.64	40,023
	13,321,805.19	2,596,260	2,953,230	11,034,665		411,937
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 6-2024						
NET SALVAGE PERCENT.. -4						
1957	988,547.53	934,667	1,028,089			
1959	3,857,554.80	3,635,585	4,011,857			
1960	1,287,621.08	1,211,628	1,339,126			
1961	7,657,752.50	7,194,097	7,964,063			
1962	115,227.83	108,071	119,837			
1963	22,692.86	21,246	23,601			
1964	55,069.00	51,466	57,272			
1965	8,731.00	8,146	9,080			
1966	1,239,968.24	1,154,640	1,289,567			
1967	30,473.00	28,325	31,692			
1968	182,652.00	169,458	189,958			

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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)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 6-2024						
NET SALVAGE PERCENT.. -4						
1969	157,544.00	145,870	163,846			
1970	235,612.39	217,698	245,037			
1972	2,434,025.00	2,239,441	2,531,386			
1973	3,467,418.42	3,183,298	3,606,115			
1974	1,601,943.00	1,467,298	1,666,021			
1975	1,525,633.41	1,393,991	1,586,659			
1976	820,727.97	747,998	851,491	2,066	5.01	412
1978	1,351,981.00	1,225,227	1,394,750	11,310	5.07	2,231
1979	76,781.00	69,390	78,991	861	5.09	169
1980	9,138.83	8,235	9,374	130	5.11	25
1981	2,005,772.00	1,801,222	2,050,440	35,563	5.14	6,919
1982	1,844,603.00	1,650,926	1,879,349	39,038	5.16	7,566
1983	220,261.84	196,439	223,618	5,454	5.18	1,053
1984	117,269.00	104,190	118,606	3,354	5.20	645
1985	3,139,314.98	2,778,876	3,163,362	101,525	5.21	19,487
1986	63,114.00	55,630	63,327	2,312	5.23	442
1987	3,343,178.12	2,933,152	3,338,984	137,921	5.25	26,271
1988	885,618.00	773,519	880,543	40,499	5.26	7,699
1989	27,474,769.19	23,879,663	27,183,662	1,390,098	5.27	263,776
1990	23,284,912.34	20,124,721	22,909,184	1,307,124	5.29	247,093
1991	5,187,322.18	4,458,275	5,075,123	319,692	5.30	60,319
1992	4,923,788.51	4,206,432	4,788,435	332,305	5.31	62,581
1993	2,394,748.00	2,032,553	2,313,778	176,760	5.32	33,226
1994	5,724,825.39	4,824,915	5,492,492	461,326	5.33	86,553
1995	2,159,364.00	1,806,135	2,056,032	189,706	5.34	35,525
1996	11,195,147.00	9,286,186	10,571,026	1,071,927	5.35	200,360
1997	1,612,657.00	1,325,730	1,509,158	168,005	5.36	31,344
1998	2,077,797.69	1,691,495	1,925,531	235,379	5.37	43,832
1999	32,210,907.00	25,939,546	29,528,551	3,970,793	5.38	738,066
2000	13,009,439.68	10,359,510	11,792,855	1,736,962	5.38	322,855
2001	12,832,052.79	10,086,137	11,481,658	1,863,676	5.39	345,765
2002	29,924,959.86	23,183,369	26,391,028	4,730,930	5.40	876,098
2003	7,098,651.00	5,414,840	6,164,039	1,218,558	5.40	225,659
2004	7,723,345.25	5,786,534	6,587,161	1,445,118	5.41	267,120
2005	7,540,667.00	5,540,267	6,306,820	1,535,473	5.41	283,821
2006	12,077,822.80	8,670,688	9,870,367	2,690,568	5.42	496,415
2007	8,709,370.93	6,087,711	6,930,009	2,127,737	5.43	391,848
2008	8,179,923.76	5,549,790	6,317,661	2,189,460	5.43	403,215
2009	516,507,878.63	338,475,051	385,306,577	151,861,617	5.43	27,967,149
2010	4,087,583.37	2,565,531	2,920,499	1,330,588	5.44	244,593
2011	9,367,703.33	5,592,144	6,365,875	3,376,536	5.44	620,687

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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)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 6-2024						
NET SALVAGE PERCENT.. -4						
2012	5,088,833.70	2,850,109	3,244,451	2,047,936	5.45	375,768
2013	1,270,513.02	657,007	747,911	573,423	5.45	105,215
2014	2,821,300.29	1,313,972	1,495,774	1,438,379	5.45	263,923
2015	6,948,110.00	2,793,007	3,179,448	4,046,586	5.46	741,133
2016	41,327,981.05	13,350,360	15,197,520	27,783,580	5.46	5,088,568
2017	6,144,228.21	1,362,731	1,551,279	4,838,718	5.46	886,212
2018	3,390,651.13	295,819	336,749	3,189,529	5.46	584,163
	861,043,479.90	585,019,957	665,456,695	230,028,524		42,365,801
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -15						
2008	41,418.89	12,759	14,513	33,118	26.13	1,267
2009	71,661.67	20,438	23,248	59,163	26.32	2,248
2010	33,866.38	8,868	10,087	28,859	26.49	1,089
2011	394,232.65	93,321	106,152	347,215	26.66	13,024
2012	346,174.21	72,976	83,010	315,091	26.82	11,748
2013	190,670.61	34,860	39,653	179,618	26.98	6,657
2014	102,587.25	15,787	17,958	100,018	27.12	3,688
2015	10,615.53	1,308	1,488	10,720	27.26	393
2016	23,992.47	2,180	2,480	25,112	27.39	917
	1,215,219.66	262,497	298,589	1,098,914		41,031
	5,530,926,754.21	2,249,075,440	2,558,309,832	3,280,778,496		223,044,020

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 14.7 4.03

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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)
MARSHALL						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -5						
1966	7,223,076.71	5,991,921	4,715,273	2,868,957	10.25	279,898
1969	8,086,762.48	6,580,943	5,178,797	3,312,303	10.85	305,281
1970	7,315,201.39	5,912,727	4,652,952	3,028,009	11.05	274,028
1971	15,620.00	12,543	9,871	6,530	11.23	581
1972	11,110.00	8,859	6,971	4,694	11.42	411
1974	1,294.00	1,017	800	558	11.77	47
1977	1,027,271.43	789,841	621,556	457,079	12.26	37,282
1978	44,099.00	33,634	26,468	19,836	12.42	1,597
1979	9,581.00	7,250	5,705	4,355	12.56	347
1982	1,279.00	943	742	601	12.97	46
1983	4,239.00	3,097	2,437	2,014	13.10	154
1984	106,496.00	77,062	60,643	51,178	13.22	3,871
1985	7,699.00	5,517	4,342	3,742	13.33	281
1987	955,035.00	669,912	527,180	475,607	13.55	35,100
1988	1,398,694.00	970,073	763,388	705,241	13.65	51,666
1989	140,962.00	96,591	76,011	71,999	13.75	5,236
1990	182,440.00	123,460	97,155	94,407	13.84	6,821
1999	6,803,081.00	3,950,852	3,109,077	4,034,158	14.48	278,602
2000	34,537.00	19,578	15,407	20,857	14.54	1,434
2001	13,544,611.21	7,482,680	5,888,409	8,333,433	14.59	571,174
2002	654,727.00	351,644	276,722	410,741	14.64	28,056
2003	9,269,030.14	4,829,549	3,800,558	5,931,924	14.68	404,082
2004	1,289,395.00	649,192	510,874	842,991	14.73	57,230
2005	862,480.00	418,326	329,197	576,407	14.77	39,026
2006	17,356,225.53	8,073,613	6,353,437	11,870,600	14.81	801,526
2007	212,897.89	94,476	74,347	149,196	14.85	10,047
2008	10,013,523.56	4,211,568	3,314,245	7,199,955	14.89	483,543
2009	1,055,602.69	417,905	328,866	779,517	14.92	52,246
2010	603,417.56	222,554	175,136	458,452	14.96	30,645
2011	13,443,989.01	4,563,058	3,590,846	10,525,343	14.99	702,158
2012	1,201,046.32	369,300	290,616	970,482	15.02	64,613
2013	21,210,791.93	5,784,088	4,551,721	17,719,610	15.05	1,177,383
2014	2,051,489.23	480,787	378,350	1,775,714	15.07	117,831
2015	33,252,974.73	6,386,068	5,025,443	29,890,181	15.10	1,979,482
2016	5,666,052.32	820,833	645,945	5,303,410	15.12	350,755
2017	34,487,179.65	3,163,078	2,489,148	33,722,391	15.15	2,225,900
2018	34,382,359.99	1,107,232	871,323	35,230,155	15.17	2,322,357
	233,926,271.77	74,681,771	58,769,958	186,852,627		12,700,737

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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)
BELEWS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -7						
1974	8,328,515.34	6,460,578	5,084,077	3,827,434	13.13	291,503
1975	9,353,343.53	7,191,404	5,659,192	4,348,885	13.36	325,515
1976	469,369.82	357,560	281,378	220,848	13.59	16,251
1977	1,185,738.89	895,109	704,396	564,345	13.80	40,895
1978	63,848.71	47,748	37,575	30,743	14.01	2,194
1979	16,411.06	12,152	9,563	7,997	14.22	562
1980	15,829.55	11,607	9,134	7,804	14.41	542
1981	911.12	661	520	455	14.60	31
1983	33,526.52	23,811	18,738	17,136	14.97	1,145
1984	21,874.09	15,361	12,088	11,317	15.14	747
1985	8,215.27	5,704	4,489	4,302	15.30	281
1987	540,764.79	366,242	288,210	290,408	15.61	18,604
1988	20,864.03	13,949	10,977	11,348	15.75	721
1989	264,317.08	174,296	137,160	145,659	15.89	9,167
1990	969,507.58	630,256	495,973	541,400	16.02	33,795
1992	474,180.63	298,807	235,143	272,231	16.27	16,732
1993	215,960.43	133,849	105,331	125,747	16.38	7,677
1994	613,625.99	373,666	294,052	362,528	16.49	21,985
1995	640,011.61	382,392	300,919	383,893	16.60	23,126
1996	525,401.97	307,681	242,126	320,054	16.70	19,165
1999	1,541,087.74	842,769	663,207	985,757	16.97	58,088
2000	16,961,246.51	9,034,159	7,109,327	11,039,207	17.05	647,461
2004	17,666,300.57	8,257,372	6,498,044	12,404,898	17.34	715,392
2005	2,122,680.75	952,615	749,649	1,521,619	17.40	87,449
2006	1,896,769.05	813,481	640,159	1,389,383	17.46	79,575
2007	1,355,656.80	552,545	434,819	1,015,734	17.52	57,976
2008	691,018.76	266,129	209,427	529,963	17.57	30,163
2009	42,966,444.89	15,491,891	12,191,165	33,782,931	17.63	1,916,218
2010	49,017,239.30	16,415,839	12,918,255	39,530,191	17.67	2,237,136
2011	141,013.27	43,248	34,034	116,851	17.72	6,594
2012	959,779.04	264,998	208,537	818,426	17.77	46,057
2013	11,093,801.09	2,702,526	2,126,722	9,743,646	17.81	547,088
2014	22,411,172.68	4,655,229	3,663,379	20,316,576	17.85	1,138,184
2015	5,622,271.00	948,817	746,661	5,269,169	17.89	294,532
2016	3,826,798.33	485,383	381,967	3,712,708	17.92	207,182
2017	21,107,744.93	1,676,506	1,319,307	21,265,980	17.96	1,184,075
2018	16,053,051.01	455,528	358,473	16,818,292	17.99	934,869
	239,196,293.73	81,561,868	64,184,171	191,755,863		11,018,677

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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)
CLIFFSIDE 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2026						
NET SALVAGE PERCENT.. -4						
1972	14,536,034.10	12,883,113	10,138,217	4,979,258	6.58	756,726
1973	247,984.00	219,146	172,454	85,449	6.62	12,908
1976	4,156.00	3,636	2,861	1,461	6.75	216
1978	996,961.00	865,823	681,349	355,490	6.83	52,048
1979	11,825.00	10,228	8,049	4,249	6.87	618
1980	11,094.00	9,558	7,522	4,016	6.90	582
1981	7,044.00	6,043	4,755	2,570	6.93	371
1982	20,080.00	17,150	13,496	7,387	6.96	1,061
1984	63,829.00	53,985	42,483	23,899	7.02	3,404
1985	10,825.00	9,110	7,169	4,089	7.04	581
1988	11,391.00	9,420	7,413	4,434	7.11	624
1989	1,010,687.00	830,055	653,202	397,912	7.14	55,730
1993	103,850.00	82,713	65,090	42,914	7.21	5,952
1995	1,772,445.02	1,385,346	1,090,182	753,161	7.24	104,028
1996	63,943.00	49,465	38,926	27,575	7.25	3,803
1997	63,836.00	48,806	38,407	27,982	7.27	3,849
2003	419,031.00	291,379	229,297	206,495	7.34	28,133
2005	2,495,539.00	1,657,060	1,304,004	1,291,356	7.35	175,695
2006	2,953,912.00	1,906,587	1,500,367	1,571,702	7.36	213,546
2008	325,500.55	196,088	154,309	184,211	7.38	24,961
2009	1,378,418.09	795,365	625,903	807,651	7.39	109,290
2010	27,288,809.97	14,979,155	11,787,673	16,592,689	7.39	2,245,289
2011	412,594.04	213,090	167,689	261,409	7.40	35,326
2012	705,466.18	338,830	266,638	467,046	7.40	63,114
2013	3,187.18	1,394	1,097	2,218	7.41	299
2014	21,613.41	8,367	6,584	15,894	7.42	2,142
2015	3,644,707.57	1,198,289	942,980	2,847,516	7.42	383,762
2016	103,404.28	26,668	20,986	86,554	7.43	11,649
2017	1,454,789.74	251,321	197,774	1,315,207	7.43	177,013
2018	48,294.52	3,103	2,442	47,784	7.44	6,423
	60,191,251.65	38,350,293	30,179,321	32,419,581		4,479,143
LEE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2030						
NET SALVAGE PERCENT.. -11						
1958	5,631,280.52	5,306,237	4,175,682	2,075,040	7.46	278,155
1960	107,591.00	100,583	79,153	40,273	7.75	5,197

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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)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2030						
NET SALVAGE PERCENT.. -11						
1961	1,256.00	1,170	921	473	7.89	60
1962	27,275.00	25,289	19,901	10,374	8.04	1,290
1971	1,744.00	1,554	1,223	713	9.17	78
1976	11,409.00	9,910	7,799	4,865	9.68	503
1977	97,494.00	84,217	66,274	41,945	9.77	4,293
1978	33,656.00	28,904	22,746	14,612	9.86	1,482
1979	57,420.00	49,023	38,578	25,158	9.94	2,531
1983	18,152.00	15,094	11,878	8,271	10.24	808
1984	30.00	25	20	14	10.31	1
1985	693.00	568	447	322	10.37	31
1989	251,057.00	198,675	156,345	122,328	10.59	11,551
1990	897,559.00	703,291	553,447	442,844	10.64	41,621
1992	8,789.00	6,740	5,304	4,452	10.73	415
1993	86,920.00	65,874	51,839	44,642	10.77	4,145
2002	32,720.00	21,212	16,693	19,627	11.06	1,775
2004	55,407.00	33,994	26,751	34,751	11.11	3,128
2006	75,456.00	43,258	34,041	49,715	11.15	4,459
2007	132,480.00	72,896	57,365	89,688	11.17	8,029
2008	872,331.46	458,155	360,540	607,748	11.19	54,312
2009	228,471.39	113,766	89,527	164,076	11.21	14,637
2011	294,521.78	128,077	100,789	226,130	11.24	20,118
2014	9,025.03	2,797	2,201	7,817	11.28	693
	8,932,738.18	7,471,309	5,879,460	4,035,879		459,312
CLIFFSIDE 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -6						
2007	530.48	160	126	436	26.39	17
2010	444,898.74	106,655	83,931	387,662	26.86	14,433
2012	265,426,714.30	51,217,376	40,304,923	241,047,394	27.14	8,881,628
2014	207,771.95	29,342	23,090	197,148	27.39	7,198
2015	440,523.28	49,745	39,146	427,808	27.51	15,551
2017	2,306,855.06	118,326	93,115	2,352,151	27.73	84,823
2018	46,269.85	815	641	48,405	27.83	1,739
	268,873,563.66	51,522,419	40,544,973	244,461,004		9,005,389

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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)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2024						
NET SALVAGE PERCENT.. -4						
1957	7,440,398.71	7,026,891	5,529,731	2,208,284	4.47	494,023
1959	4,954,598.10	4,665,586	3,671,529	1,481,253	4.56	324,836
1960	3,573,959.26	3,360,725	2,644,684	1,072,234	4.60	233,094
1961	3,964,069.19	3,721,953	2,928,948	1,193,684	4.64	257,259
1962	32,545.80	30,511	24,010	9,837	4.68	2,102
1963	1,624.38	1,520	1,196	493	4.72	104
1964	3,050.53	2,850	2,243	930	4.76	195
1971	1,794.41	1,655	1,302	564	4.98	113
1973	255,118.76	234,267	184,354	80,970	5.04	16,065
1974	95,370.96	87,386	68,767	30,418	5.06	6,011
1975	586,539.42	536,185	421,945	188,056	5.08	37,019
1976	120,250.00	109,628	86,270	38,790	5.11	7,591
1978	5,585.36	5,065	3,986	1,823	5.15	354
1981	706,000.42	634,472	499,290	234,950	5.20	45,183
1983	7,301.54	6,517	5,128	2,465	5.23	471
1984	3,122.61	2,776	2,185	1,063	5.25	202
1985	1,868.44	1,655	1,302	641	5.26	122
1989	2,691,021.16	2,339,989	1,841,427	957,235	5.31	180,270
1990	2,136,129.39	1,847,572	1,453,925	767,649	5.32	144,295
1992	1,080,626.38	923,604	726,820	397,032	5.34	74,351
1994	2,909,038.51	2,452,389	1,929,879	1,095,521	5.36	204,388
1995	604,096.25	505,586	397,865	230,395	5.36	42,984
1996	2,197,721.51	1,824,024	1,435,395	850,236	5.37	158,331
2000	546,564.24	435,318	342,568	225,858	5.40	41,826
2001	4,634,479.23	3,644,825	2,868,253	1,951,605	5.40	361,408
2002	3,189,365.49	2,472,082	1,945,376	1,371,564	5.41	253,524
2004	851,797.01	638,375	502,362	383,507	5.42	70,758
2006	1,823,260.56	1,309,168	1,030,235	865,956	5.43	159,476
2008	3,215,740.24	2,181,867	1,716,995	1,627,375	5.44	299,150
2009	313,740.86	205,540	161,747	164,543	5.44	30,247
2010	2,222,476.88	1,396,903	1,099,277	1,212,099	5.44	222,812
2011	1,026,834.13	612,861	482,284	585,624	5.45	107,454
2012	1,023,661.98	573,739	451,497	613,111	5.45	112,497
2013	76,962.46	39,836	31,348	48,692	5.45	8,934
2014	121,661.99	56,605	44,545	81,984	5.46	15,015
2015	3,954,385.99	1,592,425	1,253,140	2,859,421	5.46	523,703
2016	66,211,654.33	21,448,550	16,878,689	51,981,431	5.46	9,520,409
2017	21,401,760.00	4,771,856	3,755,157	18,502,673	5.46	3,388,768
2018	319,320.49	27,301	21,484	310,609	5.47	56,784
	144,305,496.97	71,730,057	56,447,141	93,630,576		17,402,128

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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)
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -5						
2006	14,673.94	4,660	3,667	11,740	26.22	448
2008	17,750.98	4,956	3,900	14,738	26.56	555
2009	30,712.09	7,950	6,256	25,991	26.71	973
2010	14,514.17	3,447	2,713	12,527	26.86	466
2011	168,957.24	36,317	28,579	148,826	27.00	5,512
2012	148,360.72	28,358	22,316	133,463	27.14	4,918
2013	81,716.20	13,585	10,691	75,111	27.27	2,754
2014	43,966.02	6,150	4,840	41,325	27.39	1,509
2015	4,549.53	509	401	4,376	27.51	159
2016	10,282.50	847	667	10,130	27.62	367
	535,483.39	106,779	84,029	478,229		17,661
	955,961,099.35	325,424,496	256,089,053	753,633,759		55,083,047

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 13.7 5.76

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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)
MARSHALL						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -5						
1965	550,154.76	444,800	406,616	171,047	12.48	13,706
1966	1,238,666.76	997,469	911,840	388,760	12.56	30,952
1969	2,774,022.68	2,205,544	2,016,207	896,517	12.79	70,095
1970	3,591,230.25	2,842,724	2,598,688	1,172,104	12.86	91,143
1971	276,157.00	217,587	198,908	91,057	12.93	7,042
1972	2,779.00	2,179	1,992	926	13.00	71
1973	753,819.00	588,108	537,621	253,889	13.07	19,425
1975	2,850.00	2,200	2,011	981	13.21	74
1976	85,435.00	65,562	59,934	29,773	13.28	2,242
1977	12,075.00	9,210	8,419	4,259	13.35	319
1978	9,208.00	6,981	6,382	3,287	13.41	245
1979	10,163.00	7,654	6,997	3,674	13.48	273
1982	19,261.00	14,200	12,981	7,243	13.67	530
1983	254,816.00	186,391	170,390	97,167	13.73	7,077
1984	422,437.00	306,477	280,167	163,392	13.79	11,849
1989	3,718,603.00	2,569,222	2,348,665	1,555,868	14.09	110,424
1990	9,134.00	6,240	5,704	3,886	14.14	275
1992	599,289.63	399,054	364,797	264,457	14.26	18,545
1993	191,350.00	125,692	114,902	86,016	14.31	6,011
1994	19,201,225.01	12,423,183	11,356,703	8,804,583	14.37	612,706
1995	10,418,472.57	6,635,291	6,065,678	4,873,718	14.42	337,983
1997	4,505,523.00	2,769,079	2,531,365	2,199,434	14.53	151,372
2000	133,059.00	76,640	70,061	69,651	14.69	4,741
2001	8,213.00	4,611	4,215	4,408	14.74	299
2003	1,013,431.00	537,031	490,929	573,173	14.83	38,650
2004	146,141.00	74,877	68,449	84,999	14.88	5,712
2005	1,938,229.00	956,150	874,068	1,161,072	14.93	77,768
2006	2,204,712.00	1,043,671	954,076	1,360,872	14.97	90,907
2007	519,501.00	234,544	214,409	331,067	15.02	22,042
2008	1,749,307.05	749,017	684,717	1,152,055	15.06	76,498
2009	487,609.65	196,563	179,689	332,301	15.10	22,007
2010	3,890,809.28	1,461,166	1,335,731	2,749,619	15.14	181,613
2011	897,911.10	310,381	283,736	659,071	15.18	43,417
2012	572,716.06	179,377	163,978	437,374	15.22	28,737
2013	3,384,204.47	938,883	858,284	2,695,131	15.26	176,614
2015	4,609,903.26	900,169	822,893	4,017,505	15.32	262,239
2016	3,456,305.06	508,295	464,660	3,164,460	15.35	206,154
2017	805,676.52	75,172	68,719	777,242	15.38	50,536
2018	1,434,323.73	47,365	43,299	1,462,741	15.40	94,983
	75,898,723.84	41,118,759	37,588,881	42,104,779		2,875,276

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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)
BELEWS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -7						
1974	4,687,514.63	3,551,625	3,246,732	1,768,908	15.12	116,991
1975	9,886,569.86	7,444,605	6,805,516	3,773,114	15.21	248,068
1978	2,536.00	1,871	1,710	1,003	15.49	65
1979	278,208.00	203,683	186,198	111,485	15.58	7,156
1980	60,375.00	43,857	40,092	24,509	15.67	1,564
1981	23,404.00	16,863	15,415	9,627	15.76	611
1982	6,699.00	4,787	4,376	2,792	15.84	176
1985	74,890.00	52,019	47,553	32,579	16.10	2,024
1988	1,070,275.00	719,262	657,516	487,678	16.35	29,827
1989	197,589.18	131,180	119,919	91,502	16.43	5,569
1991	46,782.00	30,242	27,646	22,411	16.59	1,351
1993	163,556.00	102,572	93,767	81,238	16.75	4,850
1994	16,916.00	10,433	9,537	8,563	16.83	509
1995	66,756.00	40,460	36,987	34,442	16.90	2,038
1996	322,253.00	191,622	175,172	169,639	16.98	9,991
1997	386,617.00	225,290	205,950	207,730	17.05	12,184
1999	50,389.00	28,048	25,640	28,276	17.20	1,644
2000	352,111.00	191,066	174,664	202,095	17.27	11,702
2001	116,586.00	61,499	56,220	68,527	17.35	3,950
2003	1,785,811.92	883,773	807,905	1,102,914	17.49	63,060
2004	33,208,820.27	15,848,624	14,488,084	21,045,353	17.55	1,199,165
2005	114,115.80	52,296	47,807	74,297	17.62	4,217
2006	1,558,869.90	682,458	623,872	1,044,119	17.69	59,023
2007	92,027.93	38,323	35,033	63,437	17.75	3,574
2009	202,003.96	74,453	68,062	148,083	17.87	8,287
2010	431,675.06	147,593	134,923	326,970	17.93	18,236
2012	342,283.92	96,677	88,378	277,866	18.04	15,403
2013	225,560.64	56,010	51,202	190,148	18.10	10,505
2014	83,315.09	17,648	16,133	73,014	18.15	4,023
2015	8,643,624.55	1,492,367	1,364,253	7,884,425	18.19	433,448
2016	1,329,432.58	171,467	156,747	1,265,746	18.24	69,394
2017	1,060,734.48	86,066	78,678	1,056,308	18.28	57,785
2018	2,263,994.60	64,365	58,840	2,363,635	18.32	129,019
	69,152,297.37	32,763,104	29,950,525	44,042,433		2,535,409

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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)
CLIFFSIDE 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 6-2026						
NET SALVAGE PERCENT.. -4						
1972	4,982,424.98	4,419,335	4,039,953	1,141,769	6.93	164,757
1973	215,926.00	191,000	174,603	49,960	6.95	7,188
1976	64,395.00	56,464	51,617	15,354	7.00	2,193
1978	45,982.00	40,056	36,617	11,204	7.03	1,594
1982	54,613.00	46,847	42,825	13,972	7.09	1,971
1988	59,578.00	49,552	45,298	16,663	7.18	2,321
1989	1,613,794.00	1,333,479	1,219,005	459,341	7.20	63,797
1990	94,955.00	77,946	71,255	27,499	7.21	3,814
1992	272,525.00	220,364	201,447	81,979	7.24	11,323
1993	19,531.00	15,664	14,319	5,993	7.25	827
1994	84,218.00	66,955	61,207	26,380	7.26	3,634
1995	72,049.00	56,711	51,843	23,088	7.28	3,171
1996	8,458,818.00	6,590,312	6,024,560	2,772,610	7.29	380,331
1997	59,323.00	45,702	41,779	19,917	7.30	2,728
2000	17,042.00	12,608	11,526	6,198	7.34	844
2002	3,889,974.00	2,782,302	2,543,453	1,502,120	7.36	204,092
2006	1,273,115.00	828,690	757,550	566,489	7.40	76,553
2007	27,253.05	17,184	15,709	12,634	7.41	1,705
2008	350,432.88	212,952	194,671	169,779	7.42	22,881
2010	696,302.59	385,308	352,231	371,924	7.44	49,990
2011	31,609.88	16,459	15,046	17,828	7.45	2,393
2012	989,239.35	478,242	437,187	591,622	7.46	79,306
2015	90,762.68	30,089	27,506	66,887	7.48	8,942
2016	22,674.41	5,907	5,400	18,181	7.48	2,431
	23,486,537.82	17,980,128	16,436,607	7,989,392		1,098,786
LEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 6-2030						
NET SALVAGE PERCENT.. -11						
1958	984,724.87	905,434	827,706	265,338	9.49	27,960
1960	13,352.00	12,216	11,167	3,653	9.60	381
1961	107.00	98	90	29	9.65	3
1962	2,634.00	2,397	2,191	733	9.70	76
1963	332.00	301	275	93	9.74	10
1964	171.00	155	142	48	9.79	5
1965	187.00	169	154	53	9.84	5
1966	3,676.00	3,309	3,025	1,055	9.88	107

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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)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 6-2030						
NET SALVAGE PERCENT.. -11						
1967	404.00	362	331	118	9.93	12
1968	32,815.00	29,351	26,831	9,593	9.97	962
1970	95,859.99	85,153	77,843	28,562	10.06	2,839
1973	263,345.33	231,334	211,475	80,838	10.18	7,941
1977	2,401.00	2,073	1,895	770	10.33	75
1979	5,568.00	4,759	4,350	1,830	10.41	176
1980	15,476.00	13,159	12,029	5,149	10.44	493
1984	468,522.00	388,651	355,287	164,773	10.59	15,559
1989	514,590.52	410,535	375,292	195,903	10.75	18,224
1990	48,602.00	38,401	35,104	18,844	10.79	1,746
1991	294,628.00	230,486	210,700	116,337	10.82	10,752
1992	46,492.00	35,988	32,899	18,708	10.85	1,724
1993	11,416,585.00	8,737,626	7,987,536	4,684,873	10.88	430,595
1994	591,315.00	447,099	408,717	247,642	10.91	22,699
2002	14,328.00	9,405	8,598	7,306	11.14	656
2004	64,364.00	40,007	36,573	34,871	11.19	3,116
2005	92,085.00	55,424	50,666	51,548	11.22	4,594
2007	77,783.77	43,342	39,621	46,719	11.27	4,145
2008	224,963.61	119,731	109,453	140,257	11.29	12,423
2010	399,019.57	189,212	172,969	269,943	11.33	23,826
2011	187,977.03	82,709	75,609	133,046	11.36	11,712
2013	88,608.30	31,989	29,243	69,112	11.39	6,068
2015	293,854.32	76,296	69,746	256,432	11.43	22,435
2016	363,114.57	72,284	66,079	336,978	11.44	29,456
2017	120,112.16	15,443	14,117	119,207	11.45	10,411
	16,727,998.04	12,314,898	11,257,714	7,310,364		671,186
CLIFFSIDE 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -6						
2007	303.90	95	87	235	27.00	9
2010	233,213.36	57,715	52,760	194,446	27.48	7,076
2012	152,917,294.36	30,504,156	27,885,498	134,206,834	27.78	4,831,060
2014	180,515.52	26,345	24,083	167,263	28.06	5,961

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ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

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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)
CLIFFSIDE 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -6						
2015	50,015.15	5,840	5,339	47,677	28.19	1,691
2016	23,259.12	2,000	1,828	22,826	28.32	806
2017	112,553.00	5,977	5,464	113,842	28.44	4,003
	153,517,154.41	30,602,128	27,975,060	134,753,124		4,850,606
CLIFFSIDE 5 AND 6 COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -5						
2015	106,682.29	12,340	11,281	100,736	28.19	3,573
2018	28,244.26	510	466	29,190	28.56	1,022
	134,926.55	12,850	11,747	129,926		4,595
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 6-2024						
NET SALVAGE PERCENT.. -4						
1957	1,356,228.86	1,278,133	1,168,411	242,068	5.02	48,221
1959	1,395,768.82	1,312,449	1,199,781	251,819	5.05	49,865
1960	1,102,932.49	1,035,969	947,035	200,014	5.06	39,528
1961	982,112.45	921,423	842,323	179,074	5.07	35,320
1962	22,737.00	21,302	19,473	4,173	5.09	820
1963	3,892.00	3,642	3,329	718	5.10	141
1964	2,105.00	1,967	1,798	391	5.11	77
1965	50.00	47	43	9	5.12	2
1966	169,628.00	158,071	144,501	31,912	5.13	6,221
1967	13,365.00	12,436	11,368	2,531	5.14	492
1969	62.00	58	53	11	5.16	2
1970	19,433.00	17,992	16,447	3,763	5.17	728
1971	100.00	92	84	20	5.18	4
1973	802,918.62	739,098	675,649	159,386	5.20	30,651
1974	40,425.00	37,133	33,945	8,097	5.21	1,554
1975	2,629.00	2,410	2,203	531	5.22	102
1978	95,725.13	87,083	79,607	19,947	5.25	3,799
1982	36,774.00	33,065	30,227	8,018	5.28	1,519
1983	9,965.00	8,929	8,162	2,201	5.29	416

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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)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 6-2024						
NET SALVAGE PERCENT.. -4						
1986	88,133.00	78,056	71,355	20,303	5.32	3,816
1987	220,289.00	194,252	177,576	51,524	5.33	9,667
1988	54,401.00	47,765	43,665	12,912	5.33	2,423
1989	1,072,136.00	936,640	856,233	258,788	5.34	48,462
1990	1,392,639.00	1,210,222	1,106,329	342,015	5.35	63,928
1991	19,577,460.54	16,915,756	15,463,607	4,896,951	5.36	913,610
1992	528,246.22	453,834	414,874	134,502	5.36	25,094
1993	90,666.00	77,380	70,737	23,555	5.37	4,386
1994	54,982.00	46,595	42,595	14,586	5.38	2,711
1996	33,190.00	27,692	25,315	9,203	5.39	1,707
1997	13,288,939.73	10,988,263	10,044,966	3,775,532	5.40	699,173
1998	19,500.00	15,974	14,603	5,677	5.40	1,051
2000	14,098.00	11,290	10,321	4,341	5.42	801
2001	38,753.00	30,650	28,019	12,284	5.42	2,266
2002	51,970.00	40,518	37,040	17,009	5.43	3,132
2003	92,096.43	70,657	64,591	31,189	5.44	5,733
2005	373,945.42	276,281	252,563	136,340	5.45	25,017
2006	2,075,416.05	1,499,420	1,370,701	787,732	5.45	144,538
2007	631,492.47	444,319	406,176	250,576	5.46	45,893
2008	3,533,425.20	2,412,849	2,205,716	1,469,046	5.46	269,056
2009	41,664.15	27,445	25,089	18,242	5.47	3,335
2010	1,766,868.10	1,116,491	1,020,645	816,898	5.47	149,341
2011	309,080.07	185,418	169,501	151,943	5.48	27,727
2012	56,937.56	32,106	29,350	29,865	5.48	5,450
2013	54,387.72	28,333	25,901	30,663	5.48	5,595
2015	363,043.53	146,994	134,375	243,190	5.49	44,297
2016	3,904,895.68	1,270,675	1,161,593	2,899,499	5.49	528,142
2017	1,036,708.99	231,043	211,209	866,968	5.50	157,631
2018	130,840.06	11,339	10,366	125,708	5.50	22,856
	56,953,056.29	44,499,556	40,679,451	18,551,728		3,436,300
	395,870,694.32	179,291,423	163,899,985	254,881,746		15,472,158

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 16.5 3.91

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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)
MARSHALL						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -5						
1981	5,263.87	4,050	3,315	2,212	11.38	194
1982	68,553.73	52,172	42,706	29,275	11.63	2,517
1983	28,275.02	21,278	17,417	12,271	11.87	1,034
1984	74,632.61	55,527	45,452	32,912	12.10	2,720
1985	26,153.08	19,229	15,740	11,721	12.32	951
1986	74,750.21	54,300	44,448	34,040	12.53	2,717
1987	115,011.39	82,531	67,557	53,205	12.72	4,183
1988	675,927.16	478,815	391,940	317,783	12.91	24,615
1989	352,993.97	246,812	202,031	168,613	13.08	12,891
1990	28,803.20	19,862	16,258	13,985	13.25	1,055
1991	292,342.21	198,744	162,684	144,275	13.40	10,767
1992	1,708,239.41	1,143,811	936,281	857,370	13.55	63,275
1993	2,099,794.74	1,384,516	1,133,313	1,071,471	13.68	78,324
1994	4,779,526.95	3,099,227	2,536,912	2,481,591	13.81	179,695
1995	119,132.57	75,943	62,164	62,925	13.92	4,520
1996	44,380.81	27,775	22,736	23,864	14.03	1,701
1997	152,116.92	93,316	76,385	83,338	14.14	5,894
1998	136,742.89	82,169	67,260	76,320	14.23	5,363
1999	35,694.47	20,970	17,165	20,314	14.32	1,419
2000	175,157.13	100,392	82,177	101,738	14.41	7,060
2001	242,765.68	135,525	110,936	143,968	14.49	9,936
2002	250,730.47	136,046	111,362	151,905	14.56	10,433
2003	247,770.82	130,301	106,660	153,500	14.63	10,492
2004	174,141.98	88,503	72,445	110,404	14.69	7,516
2005	169,803.71	83,080	68,006	110,288	14.75	7,477
2006	106,652.13	50,008	40,935	71,050	14.81	4,797
2007	662,272.25	296,255	242,503	452,883	14.86	30,477
2008	2,611,392.11	1,107,314	906,406	1,835,556	14.91	123,109
2009	118,974.31	47,410	38,808	86,115	14.96	5,756
2010	173,877.35	64,581	52,864	129,708	15.00	8,647
2011	1,357,317.66	463,983	379,799	1,045,384	15.04	69,507
2012	1,674,579.53	518,701	424,589	1,333,719	15.08	88,443
2013	1,184,336.88	325,177	266,178	977,376	15.11	64,684
2014	2,383,872.08	562,639	460,555	2,042,510	15.14	134,908
2015	8,842,728.50	1,708,137	1,398,218	7,886,647	15.17	519,884
2016	126,487.99	18,371	15,038	117,775	15.20	7,748
2017	1,888,443.35	174,651	142,963	1,839,903	15.22	120,887
	33,209,639.14	13,172,121	10,782,210	24,087,911		1,635,596

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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)
BELEWS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -7						
1981	8,770.20	6,678	5,466	3,918	12.52	313
1982	12,181.32	9,153	7,492	5,542	12.85	431
1983	18,312.57	13,578	11,114	8,480	13.17	644
1984	32,545.56	23,802	19,483	15,340	13.48	1,138
1985	57,794.24	41,675	34,114	27,726	13.78	2,012
1986	140,618.96	99,937	81,805	68,658	14.07	4,880
1987	123,558.59	86,546	70,843	61,364	14.34	4,279
1988	425,419.56	293,389	240,157	215,042	14.61	14,719
1989	242,234.81	164,465	134,625	124,566	14.86	8,383
1990	168,696.90	112,715	92,264	88,241	15.09	5,848
1991	156,037.30	102,498	83,901	83,059	15.32	5,422
1992	194,230.06	125,386	102,636	105,190	15.53	6,773
1993	54,401.04	34,488	28,231	29,979	15.73	1,906
1994	2,394,554.94	1,489,033	1,218,867	1,343,307	15.92	84,379
1995	182,530.06	111,284	91,093	104,214	16.09	6,477
1997	221,852.39	129,506	106,009	131,373	16.41	8,006
1998	127,177.29	72,476	59,326	76,754	16.56	4,635
1999	66,983.18	37,229	30,474	41,198	16.69	2,468
2000	340,527.57	184,164	150,750	213,615	16.82	12,700
2001	55,839.06	29,326	24,005	35,743	16.94	2,110
2002	101,871.91	51,836	42,431	66,572	17.05	3,905
2003	552,014.89	271,406	222,163	368,493	17.15	21,486
2004	1,680,007.60	795,388	651,075	1,146,533	17.25	66,466
2005	393,228.46	178,606	146,200	274,554	17.34	15,834
2006	1,354,316.99	587,357	480,789	968,331	17.43	55,555
2007	635,034.61	261,582	214,121	465,366	17.51	26,577
2008	2,153,495.41	837,591	685,621	1,618,619	17.58	92,072
2009	438,422.41	159,700	130,724	338,387	17.65	19,172
2010	649,005.95	219,143	179,382	515,054	17.72	29,066
2011	862,341.40	266,736	218,340	704,365	17.78	39,616
2012	524,709.30	146,238	119,705	441,734	17.83	24,775
2013	709,530.79	174,016	142,443	616,755	17.89	34,475
2014	2,171,219.31	454,233	371,818	1,951,386	17.94	108,773
2015	1,004,326.63	171,317	140,234	934,396	17.98	51,969
2016	1,824,174.22	232,780	190,545	1,761,321	18.02	97,743
2017	8,119,457.14	653,932	535,284	8,152,535	18.06	451,414
2018	465,376.04	13,126	10,744	487,208	18.10	26,918
	28,662,798.66	8,642,315	7,074,278	23,594,917		1,343,339

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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)
CLIFFSIDE 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2026						
NET SALVAGE PERCENT.. -4						
1981	83,835.02	72,423	59,283	27,906	6.63	4,209
1982	6,700.97	5,761	4,716	2,253	6.69	337
1983	33,151.18	28,355	23,210	11,267	6.75	1,669
1984	40,615.13	34,560	28,290	13,950	6.80	2,051
1985	7,483.90	6,333	5,184	2,599	6.85	379
1986	19,859.61	16,707	13,676	6,978	6.90	1,011
1987	73,553.98	61,512	50,351	26,145	6.94	3,767
1988	64,675.95	53,744	43,993	23,270	6.98	3,334
1989	120,361.97	99,339	81,315	43,861	7.02	6,248
1990	417,203.27	341,820	279,801	154,090	7.06	21,826
1991	261,779.86	212,876	174,252	97,999	7.09	13,822
1992	68,983.05	55,644	45,548	26,194	7.12	3,679
1993	88,138.38	70,481	57,693	33,971	7.15	4,751
1994	1,333,405.37	1,056,739	865,007	521,734	7.17	72,766
1995	338,233.15	265,472	217,306	134,457	7.19	18,701
1996	78,183.46	60,690	49,679	31,632	7.22	4,381
1997	83,779.36	64,291	52,626	34,504	7.24	4,766
1998	14,328.00	10,858	8,888	6,013	7.26	828
1999	50,478.76	37,736	30,889	21,609	7.28	2,968
2000	39,189.77	28,877	23,638	17,120	7.29	2,348
2001	463,782.78	336,095	275,115	207,219	7.31	28,347
2002	26,889.89	19,146	15,672	12,293	7.32	1,679
2003	950,835.57	663,383	543,021	445,848	7.34	60,742
2004	488,818.71	333,685	273,142	235,229	7.35	32,004
2005	109,431.01	72,868	59,647	54,161	7.36	7,359
2006	233,110.09	150,947	123,560	118,875	7.37	16,130
2007	472,189.19	296,124	242,396	248,681	7.38	33,697
2008	43,673.07	26,392	21,604	23,816	7.39	3,223
2009	480,497.06	278,152	227,685	272,032	7.40	36,761
2010	416,460.36	229,215	187,627	245,492	7.41	33,130
2011	209,877.30	108,693	88,972	129,300	7.42	17,426
2012	1,824,527.43	877,996	718,695	1,178,814	7.42	158,870
2013	858,881.08	376,356	308,071	585,165	7.43	78,757
2014	161,174.92	62,558	51,208	116,414	7.44	15,647
2015	1,924,362.59	635,284	520,020	1,481,317	7.44	199,102
2016	574,321.30	148,720	121,737	475,557	7.45	63,833
2017	14,716.69	2,537	2,077	13,229	7.45	1,776
2018	214,341.95	13,741	11,248	211,668	7.46	28,374
	12,691,831.13	7,216,110	5,906,840	7,292,664		990,698

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LEE
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5
PROBABLE RETIREMENT YEAR.. 6-2030
NET SALVAGE PERCENT.. -11

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1981	66,257.00	56,850	46,535	27,010	9.33	2,895
1982	3,686.00	3,139	2,569	1,522	9.47	161
1983	102,154.00	86,271	70,618	42,773	9.61	4,451
1984	33,260.00	27,857	22,803	14,116	9.74	1,449
1985	26,360.00	21,891	17,919	11,340	9.86	1,150
1986	184,214.00	151,663	124,146	80,332	9.97	8,057
1987	74,471.00	60,741	49,720	32,942	10.08	3,268
1988	25,908.00	20,930	17,133	11,625	10.18	1,142
1989	13,538.00	10,830	8,865	6,162	10.27	600
1990	55,355.00	43,816	35,866	25,578	10.36	2,469
1991	106,755.00	83,580	68,415	50,083	10.44	4,797
1992	289,381.00	223,914	183,288	137,925	10.52	13,111
1993	277,917.00	212,431	173,888	134,600	10.59	12,710
1994	751,360.27	567,035	464,154	369,856	10.65	34,728
1995	123,973.00	92,276	75,534	62,076	10.71	5,796
1996	42,827.00	31,402	25,705	21,833	10.77	2,027
1997	179,249.00	129,386	105,911	93,056	10.82	8,600
1998	90,791.00	64,420	52,732	48,046	10.87	4,420
1999	59,931.00	41,739	34,166	32,357	10.92	2,963
2000	52,877.00	36,098	29,548	29,145	10.96	2,659
2001	16,325.00	10,904	8,926	9,195	11.00	836
2002	625,175.00	407,651	333,688	360,256	11.04	32,632
2003	54,735.00	34,778	28,468	32,288	11.07	2,917
2004	154,238.00	95,220	77,944	93,261	11.10	8,402
2005	11,598.00	6,931	5,673	7,200	11.13	647
2006	246,245.89	141,906	116,159	157,174	11.16	14,084
2007	42,948.25	23,751	19,442	28,231	11.19	2,523
2008	283,534.61	149,783	122,607	192,117	11.21	17,138
2009	261,492.55	130,801	107,069	183,188	11.24	16,298
2010	30,627.11	14,396	11,784	22,212	11.26	1,973
2014	778,897.95	242,237	198,286	666,290	11.33	58,808
2015	140,514.78	36,302	29,715	126,256	11.34	11,134
2016	767,631.67	151,166	123,739	728,332	11.36	64,114
2017	296,584.92	37,691	30,852	298,357	11.37	26,241
2018	36,477.54	1,671	1,368	39,122	11.38	3,438
	6,307,290.54	3,451,457	2,825,235	4,175,857		378,638

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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)
CLIFFSIDE 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -6						
2007	487.37	151	124	393	26.01	15
2010	408,739.68	100,301	82,103	351,161	26.69	13,157
2012	245,384,662.44	48,393,045	39,612,751	220,494,991	27.08	8,142,356
2014	50,530.55	7,259	5,942	47,620	27.43	1,736
2015	1,486,416.25	171,110	140,064	1,435,537	27.58	52,050
2017	127,021.72	6,661	5,452	129,191	27.86	4,637
	247,457,858.01	48,678,527	39,846,436	222,458,893		8,213,951
CLIFFSIDE 5 AND 6 COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -5						
2013	89,112.66	15,110	12,368	81,200	27.26	2,979
2014	65,022.64	9,252	7,573	60,700	27.43	2,213
2015	252,135.64	28,751	23,534	241,208	27.58	8,746
2016	5,717,955.38	478,207	391,442	5,612,411	27.73	202,395
2017	363,227.23	18,867	15,444	365,945	27.86	13,135
2018	80,751.62	1,430	1,171	83,619	27.99	2,987
	6,568,205.17	551,617	451,533	6,445,082		232,455
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2024						
NET SALVAGE PERCENT.. -4						
1981	355,698.27	320,874	262,656	107,271	5.04	21,284
1982	21,665.71	19,472	15,939	6,593	5.08	1,298
1983	59,077.99	52,903	43,304	18,137	5.11	3,549
1984	69,093.62	61,629	50,447	21,410	5.14	4,165
1985	69,225.37	61,509	50,349	21,645	5.16	4,195
1986	116,320.95	102,895	84,226	36,748	5.19	7,081
1987	154,653.52	136,201	111,489	49,351	5.21	9,472
1988	108,658.12	95,240	77,960	35,045	5.23	6,701
1989	158,319.84	138,063	113,013	51,639	5.25	9,836
1990	119,269.87	103,439	84,671	39,369	5.27	7,470
1991	152,846.86	131,782	107,872	51,089	5.29	9,658
1992	77,820.77	66,697	54,596	26,338	5.30	4,969

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DUKE ENERGY CAROLINAS

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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)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2024						
NET SALVAGE PERCENT.. -4						
1993	281,625.17	239,728	196,232	96,658	5.32	18,169
1994	2,685,384.63	2,269,960	1,858,105	934,695	5.33	175,365
1995	562,365.08	471,783	386,184	198,676	5.34	37,205
1996	221,271.71	184,114	150,709	79,414	5.35	14,844
1997	248,873.32	205,142	167,922	90,907	5.37	16,929
1998	900,055.84	734,703	601,401	334,657	5.38	62,204
1999	137,854.68	111,317	91,120	52,249	5.39	9,694
2000	533,059.87	425,638	348,411	205,971	5.39	38,214
2001	473,970.25	373,566	305,787	187,142	5.40	34,656
2002	224,018.06	174,054	142,474	90,505	5.41	16,729
2003	94,503.49	72,247	59,139	39,145	5.42	7,222
2004	133,263.32	100,131	81,964	56,630	5.42	10,448
2005	1,062,841.37	782,492	640,519	464,836	5.43	85,605
2006	783,532.68	564,039	461,701	353,173	5.43	65,041
2007	128,267.94	89,919	73,604	59,794	5.44	10,992
2008	440,510.00	299,503	245,162	212,968	5.45	39,077
2009	92,021.65	60,413	49,452	46,251	5.45	8,486
2010	155,072.87	97,630	79,916	81,359	5.45	14,928
2011	149,786.58	89,537	73,292	82,486	5.46	15,107
2012	1,911,443.38	1,073,506	878,732	1,109,169	5.46	203,145
2013	519,873.04	269,837	220,879	319,789	5.46	58,569
2014	939,980.90	438,533	358,967	618,613	5.47	113,092
2015	589,175.27	237,413	194,337	418,405	5.47	76,491
2016	3,725,082.53	1,208,521	989,250	2,884,835	5.47	527,392
2017	2,786,755.04	616,279	504,463	2,393,762	5.48	436,818
2018	205,564.90	17,548	14,364	199,423	5.48	36,391
	21,448,804.46	12,498,257	10,230,609	12,076,148		2,222,491
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -5						
2004	95,660.00	34,895	28,564	71,879	25.19	2,853
2005	124,325.00	43,033	35,225	95,316	25.48	3,741
2012	83,964.97	16,403	13,427	74,736	27.08	2,760
2013	194,425.73	32,968	26,986	177,161	27.26	6,499
2014	1,136,925.46	161,780	132,427	1,061,345	27.43	38,693
2015	1,757,426.50	200,399	164,039	1,681,258	27.58	60,959

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ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

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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)
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -5						
2016	806,941.34	67,487	55,242	792,046	27.73	28,563
2017	967,157.22	50,238	41,123	974,392	27.86	34,975
2018	3,346,313.90	59,240	48,492	3,465,138	27.99	123,799
	8,513,140.12	666,443	545,526	8,393,271		302,842
	364,859,567.23	94,876,847	77,662,667	308,524,743		15,320,010

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 20.1 4.20

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ACCOUNT 320 RIGHTS OF WAY

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)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 7-2034						
NET SALVAGE PERCENT.. 0						
1968	422,388.00	323,587	323,170	99,218	15.26	6,502
1974	2,615.00	1,940	1,938	677	15.37	44
	425,003.00	325,527	325,108	99,895		6,546
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 3-2043						
NET SALVAGE PERCENT.. 0						
1981	74,882.00	45,669	45,610	29,272	23.86	1,227
	74,882.00	45,669	45,610	29,272		1,227
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 12-2043						
NET SALVAGE PERCENT.. 0						
1985	381,479.68	219,255	218,973	162,507	24.69	6,582
2002	75,177.00	29,929	29,890	45,287	24.93	1,817
	456,656.68	249,184	248,863	207,794		8,399
	956,541.68	620,380	619,581	336,961		16,172

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 20.8 1.69

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ACCOUNT 321 STRUCTURES AND IMPROVEMENTS

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RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2018

OCONEE
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5
PROBABLE RETIREMENT YEAR.. 7-2034
NET SALVAGE PERCENT.. -1

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1973	9,780,880.73	7,446,260	7,339,366	2,539,324	12.26	207,123
1974	23,546,534.80	17,826,987	17,571,074	6,210,927	12.37	502,096
1975	192,307.62	144,741	142,663	51,568	12.48	4,132
1976	816,224.03	610,606	601,841	222,546	12.59	17,676
1977	2,903,190.30	2,158,028	2,127,049	805,174	12.70	63,400
1978	424,549.33	313,470	308,970	119,825	12.81	9,354
1979	462,415.46	339,131	334,263	132,777	12.91	10,285
1980	164,448.68	119,717	117,998	48,095	13.02	3,694
1981	988,637.31	714,404	704,148	294,375	13.12	22,437
1982	3,321,744.79	2,381,453	2,347,266	1,007,696	13.22	76,225
1983	14,663,774.28	10,426,530	10,276,853	4,533,559	13.32	340,357
1984	1,714,545.48	1,208,409	1,191,062	540,629	13.42	40,285
1985	692,986.94	483,915	476,968	222,949	13.52	16,490
1986	105,946,066.01	73,285,945	72,233,896	34,771,631	13.61	2,554,859
1987	8,207,272.08	5,618,435	5,537,780	2,751,565	13.71	200,698
1988	5,570,095.27	3,772,490	3,718,334	1,907,462	13.80	138,222
1989	24,819,439.92	16,620,594	16,381,999	8,685,636	13.89	625,316
1990	2,048,024.30	1,355,015	1,335,563	732,941	13.98	52,428
1991	1,263,662.75	825,651	813,798	462,501	14.06	32,895
1992	1,048,943.45	675,929	666,226	393,207	14.15	27,788
1993	2,486,758.67	1,579,662	1,556,985	954,641	14.23	67,087
1994	2,086,526.57	1,305,129	1,286,393	820,998	14.31	57,372
1995	269,107.91	165,575	163,198	108,601	14.39	7,547
1996	813,385.13	491,589	484,532	336,987	14.47	23,289
1998	10,869,887.39	6,314,005	6,223,365	4,755,221	14.62	325,255
1999	867,941.09	493,134	486,055	390,566	14.69	26,587
2000	5,604,189.20	3,110,184	3,065,536	2,594,695	14.75	175,912
2001	6,266,491.57	3,387,871	3,339,237	2,989,920	14.82	201,749
2002	9,753,306.54	5,125,490	5,051,912	4,798,928	14.88	322,509
2003	9,990,814.67	5,088,852	5,015,800	5,074,923	14.94	339,687
2004	18,618,245.52	9,161,141	9,029,629	9,774,799	15.00	651,653
2005	19,384,593.54	9,188,553	9,056,648	10,521,792	15.05	699,122
2006	27,146,913.53	12,335,805	12,158,720	15,259,663	15.10	1,010,574
2007	20,745,543.60	8,987,789	8,858,766	12,094,233	15.15	798,299
2008	19,582,859.96	8,039,641	7,924,229	11,854,460	15.20	779,899
2009	51,456,079.75	19,865,777	19,580,596	32,390,045	15.24	2,125,331
2010	12,259,446.03	4,409,121	4,345,826	8,036,214	15.28	525,930
2011	124,206,784.04	41,119,625	40,529,336	84,919,515	15.32	5,543,049
2012	17,826,168.13	5,336,153	5,259,550	12,744,879	15.36	829,745
2013	133,223,595.89	35,378,765	34,870,889	99,684,943	15.39	6,477,254
2014	48,512,824.85	11,049,528	10,890,908	38,107,045	15.42	2,471,274

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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)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 7-2034						
NET SALVAGE PERCENT.. -1						
2015	85,059,949.88	15,830,737	15,603,480	70,307,069	15.45	4,550,619
2016	86,994,281.42	12,223,671	12,048,195	75,816,029	15.47	4,900,842
2017	24,262,393.69	2,163,548	2,132,489	22,372,528	15.49	1,444,321
2018	15,688,372.33	494,847	487,743	15,357,513	15.51	990,168
	962,552,204.43	368,973,902	363,677,135	608,500,591		40,290,834
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 3-2043						
NET SALVAGE PERCENT.. -3						
1981	192,085,205.67	126,600,804	124,783,399	73,064,363	18.02	4,054,626
1982	2,026,405.00	1,320,570	1,301,613	785,584	18.24	43,069
1983	96,760.00	62,314	61,419	38,243	18.46	2,072
1984	210,280,857.07	133,793,698	131,873,036	84,716,246	18.67	4,537,560
1985	1,235,088.00	775,637	764,502	507,638	18.89	26,873
1986	14,729,414.35	9,128,114	8,997,076	6,174,220	19.10	323,258
1987	5,312,830.01	3,246,227	3,199,626	2,272,589	19.31	117,690
1988	3,362,930.78	2,024,602	1,995,538	1,468,281	19.52	75,219
1989	12,376,352.91	7,336,906	7,231,582	5,516,062	19.72	279,719
1990	340,959.00	198,878	196,023	155,165	19.92	7,789
1991	11,554,624.88	6,624,600	6,529,501	5,371,762	20.12	266,986
1992	1,107,053.01	623,075	614,131	526,134	20.32	25,892
1993	3,362,794.00	1,856,012	1,829,368	1,634,310	20.52	79,645
1994	1,546,956.00	836,692	824,681	768,684	20.71	37,117
1995	7,227,964.61	3,826,331	3,771,402	3,673,401	20.89	175,845
1996	487,726.33	252,189	248,569	253,789	21.08	12,039
1997	3,406,920.30	1,718,771	1,694,097	1,815,031	21.26	85,373
1998	9,459,152.50	4,649,227	4,582,486	5,160,442	21.43	240,805
1999	1,009,586.00	482,127	475,206	564,668	21.61	26,130
2000	4,076,236.00	1,889,209	1,862,089	2,336,434	21.77	107,324
2001	1,328,072.00	595,398	586,851	781,063	21.94	35,600
2002	223,328.00	96,660	95,272	134,755	22.09	6,100
2003	363,095.00	151,136	148,966	225,021	22.25	10,113
2004	13,307,148.65	5,308,611	5,232,404	8,473,959	22.40	378,302
2005	2,160,124.00	822,912	811,099	1,413,829	22.54	62,725
2006	12,052,068.69	4,360,412	4,297,817	8,115,814	22.68	357,840
2007	17,317,016.45	5,919,408	5,834,433	12,002,094	22.81	526,177
2008	12,696,970.87	4,068,659	4,010,252	9,067,628	22.94	395,276

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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)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 3-2043						
NET SALVAGE PERCENT.. -3						
2009	7,871,156.27	2,347,790	2,314,087	5,793,204	23.06	251,223
2010	20,028,682.26	5,503,343	5,424,340	15,205,202	23.17	656,245
2011	9,040,149.35	2,257,352	2,224,947	7,086,407	23.28	304,399
2012	17,024,122.78	3,800,678	3,746,118	13,788,729	23.38	589,766
2013	6,640,883.98	1,294,354	1,275,773	5,564,337	23.48	236,982
2014	13,136,819.97	2,165,083	2,134,002	11,396,922	23.57	483,535
2015	32,843,221.56	4,350,009	4,287,563	29,540,955	23.65	1,249,089
2016	20,708,478.73	2,025,685	1,996,605	19,333,128	23.73	814,713
2017	8,253,523.05	504,032	496,796	8,004,332	23.80	336,316
2018	8,784,721.53	185,761	183,094	8,865,169	23.86	371,549
	688,865,399.56	353,003,266	347,935,764	361,595,598		17,590,981
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 12-2043						
NET SALVAGE PERCENT.. -3						
1978	4,856.60	3,281	3,234	1,768	17.66	100
1985	98,328,915.72	61,229,101	60,350,133	40,928,650	19.27	2,123,957
1986	66,210,802.03	40,658,445	40,074,777	28,122,349	19.50	1,442,172
1987	2,360,654.41	1,429,002	1,408,488	1,022,986	19.72	51,876
1988	7,132,437.75	4,252,690	4,191,641	3,154,770	19.94	158,213
1989	39,976.43	23,466	23,129	18,047	20.15	896
1990	238,809.38	137,826	135,847	110,126	20.37	5,406
1991	680,519.54	385,907	380,367	320,568	20.58	15,577
1992	1,193,009.23	663,982	654,450	574,349	20.79	27,626
1993	33,692.47	18,393	18,129	16,574	20.99	790
1994	687,269.52	367,436	362,161	345,726	21.19	16,316
1995	130,066.55	68,017	67,041	66,928	21.39	3,129
1996	968,873.43	494,778	487,675	510,264	21.59	23,634
1997	68,225.61	33,978	33,490	36,782	21.78	1,689
1998	1,349,519.07	654,470	645,075	744,930	21.96	33,922
1999	186,051.90	87,647	86,389	105,245	22.15	4,751
2000	93,977.70	42,908	42,292	54,505	22.33	2,441
2001	130,261.09	57,549	56,723	77,446	22.50	3,442
2002	521,917.24	222,346	219,154	318,421	22.67	14,046
2003	2,180,885.12	893,538	880,711	1,365,601	22.83	59,816
2004	2,142,601.29	840,799	828,729	1,378,150	22.99	59,946
2005	3,329,365.24	1,246,840	1,228,941	2,200,305	23.14	95,087

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DUKE ENERGY CAROLINAS

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)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 12-2043						
NET SALVAGE PERCENT.. -3						
2006	3,661,211.30	1,301,879	1,283,190	2,487,858	23.29	106,821
2007	6,881,663.15	2,309,024	2,275,877	4,812,236	23.43	205,388
2008	5,636,051.86	1,772,481	1,747,036	4,058,097	23.57	172,172
2009	3,159,893.77	924,560	911,288	2,343,403	23.69	98,920
2010	1,392,553.52	374,604	369,226	1,065,104	23.82	44,715
2011	1,356,433.24	331,692	326,930	1,070,196	23.93	44,722
2012	3,014,622.25	658,459	649,007	2,456,054	24.04	102,165
2013	8,350,168.84	1,590,695	1,567,860	7,032,814	24.15	291,214
2014	316,885.87	51,009	50,277	276,116	24.24	11,391
2015	11,758,548.73	1,523,118	1,501,253	10,610,052	24.33	436,089
2016	2,251,816.92	215,400	212,308	2,107,064	24.42	86,284
2017	8,151,589.59	484,541	477,585	7,918,552	24.49	323,338
2018	392,905.32	8,074	7,958	396,734	24.56	16,154
	244,337,031.68	125,357,935	123,558,372	128,108,771		6,084,205
	1,895,754,635.67	847,335,103	835,171,271	1,098,204,960		63,966,020

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 17.2 3.37

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DUKE ENERGY CAROLINAS

ACCOUNT 322 REACTOR PLANT EQUIPMENT

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

OCONEE
INTERIM SURVIVOR CURVE.. IOWA 45-R2
PROBABLE RETIREMENT YEAR.. 7-2034
NET SALVAGE PERCENT.. -1

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1978	244,016.05	181,559	189,091	57,365	11.27	5,090
1979	289,283.49	213,274	222,122	70,054	11.48	6,102
1980	2,797,493.83	2,043,436	2,128,211	697,258	11.68	59,697
1981	1,215,100.43	879,031	915,499	311,753	11.88	26,242
1982	3,346,380.33	2,397,898	2,497,378	882,466	12.06	73,173
1983	108,400.49	76,876	80,065	29,419	12.25	2,402
1984	9,558,730.45	6,709,654	6,988,013	2,666,304	12.42	214,678
1985	3,122,696.54	2,168,385	2,258,343	895,580	12.59	71,134
1986	79,483,013.92	54,580,103	56,844,434	23,433,410	12.75	1,837,915
1987	436,056.04	296,035	308,316	132,100	12.90	10,240
1988	16,886,456.33	11,326,268	11,796,154	5,259,167	13.05	403,001
1989	5,927,221.79	3,925,883	4,088,754	1,897,740	13.19	143,877
1990	8,212,269.27	5,369,292	5,592,045	2,702,347	13.32	202,879
1991	6,340,683.14	4,088,627	4,258,249	2,145,841	13.45	159,542
1992	7,648,365.54	4,860,707	5,062,360	2,662,489	13.57	196,204
1993	8,112,005.67	5,078,837	5,289,540	2,903,586	13.68	212,250
1994	7,609,842.13	4,687,655	4,882,129	2,803,812	13.79	203,322
1995	4,573,457.58	2,770,176	2,885,101	1,734,092	13.89	124,845
1997	15,388,579.91	8,976,706	9,349,117	6,193,349	14.08	439,869
1998	3,933,456.48	2,247,011	2,340,231	1,632,560	14.17	115,212
1999	2,873,807.99	1,605,543	1,672,151	1,230,395	14.25	86,344
2000	18,799,581.12	10,252,722	10,678,070	8,309,507	14.33	579,868
2001	13,777,367.50	7,321,591	7,625,337	6,289,804	14.40	436,792
2002	31,480,156.85	16,262,485	16,937,157	14,857,802	14.47	1,026,800
2003	156,916,575.36	78,555,042	81,814,007	76,671,734	14.54	5,273,159
2004	321,661,729.31	155,597,235	162,052,402	162,825,945	14.60	11,152,462
2005	32,471,625.80	15,126,657	15,754,207	17,042,135	14.66	1,162,492
2006	28,126,010.35	12,556,014	13,076,918	15,330,353	14.72	1,041,464
2007	36,697,113.32	15,629,554	16,277,968	20,786,117	14.77	1,407,320
2008	52,865,411.57	21,344,812	22,230,331	31,163,735	14.82	2,102,816
2009	22,234,179.21	8,443,652	8,793,949	13,662,572	14.87	918,801
2010	32,470,086.03	11,498,180	11,975,198	20,819,589	14.91	1,396,351
2011	128,956,828.56	41,999,253	43,741,650	86,504,747	14.96	5,782,403
2012	89,180,097.64	26,281,179	27,371,490	62,700,409	15.00	4,180,027
2013	98,250,345.55	25,725,124	26,792,366	72,440,483	15.03	4,819,726
2014	113,387,188.34	25,468,339	26,524,928	87,996,132	15.07	5,839,159
2015	400,307,575.87	73,592,625	76,645,717	327,664,935	15.10	21,699,665

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DUKE ENERGY CAROLINAS

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)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 7-2034						
NET SALVAGE PERCENT.. -1						
2016	45,766,958.50	6,351,264	6,614,755	39,609,873	15.13	2,617,969
2017	66,203,607.52	5,837,371	6,079,542	60,786,101	15.16	4,009,637
2018	58,717,314.55	1,853,265	1,930,150	57,374,337	15.19	3,777,112
	1,936,377,070.35	684,179,320	712,563,446	1,243,177,395		83,818,041
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 3-2043						
NET SALVAGE PERCENT.. -3						
1981	304,714,938.93	207,051,059	215,640,859	98,215,528	14.98	6,556,444
1982	2,461,194.43	1,647,237	1,715,575	819,455	15.36	53,350
1983	1,090,577.42	718,684	748,500	374,795	15.73	23,827
1984	394,652,639.67	255,903,111	266,519,606	139,972,613	16.10	8,693,951
1985	2,662,944.00	1,698,499	1,768,964	973,869	16.46	59,166
1986	13,530,680.63	8,485,857	8,837,905	5,098,697	16.81	303,313
1987	2,424,551.39	1,494,502	1,556,503	940,784	17.15	54,856
1988	3,560,875.00	2,155,141	2,244,550	1,423,151	17.49	81,369
1989	6,161,972.00	3,661,233	3,813,124	2,533,707	17.81	142,263
1990	4,524.00	2,637	2,746	1,913	18.12	106
1991	5,077,342.72	2,901,731	3,022,113	2,207,550	18.42	119,845
1992	2,060,096.00	1,152,828	1,200,655	921,244	18.72	49,212
1993	3,200,680.00	1,753,152	1,825,884	1,470,816	19.00	77,411
1994	144,356.00	77,307	80,514	68,172	19.27	3,538
1995	1,462,720.79	764,887	796,619	709,983	19.53	36,353
1996	1,740,438.00	887,631	924,456	868,196	19.78	43,893
1997	261,024,573.03	129,666,228	135,045,611	133,809,699	20.02	6,683,801
1998	4,518,651.58	2,183,104	2,273,673	2,380,538	20.25	117,557
1999	8,710,790.00	4,087,336	4,256,905	4,715,209	20.46	230,460
2000	5,350,379.00	2,432,231	2,533,135	2,977,755	20.67	144,062
2001	3,528,137.85	1,550,438	1,614,760	2,019,222	20.87	96,752
2002	6,793,483.00	2,878,684	2,998,110	3,999,177	21.06	189,894
2003	8,152,653.00	3,321,609	3,459,411	4,937,822	21.24	232,477
2004	7,252,823.81	2,831,733	2,949,211	4,521,197	21.41	211,172
2005	3,682,305.55	1,372,340	1,429,273	2,363,501	21.57	109,574
2006	5,397,970.98	1,909,829	1,989,061	3,570,849	21.73	164,328
2007	5,332,664.68	1,782,803	1,856,765	3,635,880	21.87	166,250
2008	15,120,713.92	4,743,631	4,940,427	10,633,908	22.01	483,140
2009	24,550,397.01	7,168,839	7,466,248	17,820,661	22.14	804,908

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DUKE ENERGY CAROLINAS

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)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 3-2043						
NET SALVAGE PERCENT.. -3						
2010	61,762,427.44	16,595,323	17,283,803	46,331,497	22.27	2,080,444
2011	82,576,743.74	20,169,716	21,006,485	64,047,561	22.39	2,860,543
2012	37,955,166.59	8,294,927	8,639,054	30,454,768	22.50	1,353,545
2013	62,801,746.36	11,981,751	12,478,831	52,206,968	22.61	2,309,021
2014	57,402,396.77	9,264,804	9,649,167	49,475,301	22.71	2,178,569
2015	37,605,218.19	4,882,342	5,084,893	33,648,482	22.81	1,475,164
2016	37,323,860.21	3,591,783	3,740,793	34,702,783	22.90	1,515,405
2017	32,365,977.59	1,940,211	2,020,703	31,316,254	22.98	1,362,761
2018	27,271,562.12	572,749	596,510	27,493,199	23.06	1,192,246
	1,541,431,173.40	733,577,907	764,011,403	823,662,706		42,260,970
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 12-2043						
NET SALVAGE PERCENT.. -3						
1985	112,706,162.76	71,455,245	74,419,665	41,667,683	16.69	2,496,566
1986	119,005,029.21	74,164,113	77,240,914	45,334,266	17.05	2,658,901
1987	4,129,929.83	2,528,305	2,633,195	1,620,632	17.41	93,086
1988	2,178,083.72	1,309,017	1,363,323	880,103	17.76	49,555
1989	385,463.59	227,302	236,732	160,296	18.10	8,856
1990	765,983.81	442,656	461,020	327,943	18.44	17,784
1991	574,100.89	325,045	338,530	252,794	18.76	13,475
1992	390,726.43	216,674	225,663	176,785	19.06	9,275
1993	405,054.00	219,671	228,784	188,421	19.36	9,732
1994	164,924.61	87,393	91,019	78,854	19.65	4,013
1995	363,720.58	188,065	195,867	178,765	19.93	8,970
1996	23,865,586.42	12,032,917	12,532,119	12,049,435	20.19	596,802
1997	330,676.74	162,277	169,009	171,588	20.45	8,391
1998	521,588.48	248,826	259,149	278,087	20.69	13,441
1999	267,495.71	123,838	128,976	146,545	20.92	7,005
2000	115,873.18	51,960	54,116	65,234	21.14	3,086
2001	604,366.43	261,667	272,523	349,975	21.36	16,385
2002	1,003,654.22	418,922	436,302	597,462	21.56	27,712
2003	823,416.69	330,249	343,950	504,169	21.75	23,180
2004	1,862,709.37	715,423	745,103	1,173,487	21.93	53,511
2005	2,585,960.60	947,101	986,393	1,677,147	22.11	75,855
2006	7,241,697.84	2,518,141	2,622,610	4,836,339	22.27	217,168
2007	8,637,874.30	2,835,032	2,952,647	5,944,363	22.43	265,018

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DUKE ENERGY CAROLINAS

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)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 12-2043						
NET SALVAGE PERCENT.. -3						
2008	8,097,893.19	2,491,906	2,595,286	5,745,544	22.58	254,453
2009	13,849,067.76	3,962,832	4,127,236	10,137,304	22.72	446,184
2010	4,596,043.82	1,210,086	1,260,288	3,473,637	22.86	151,953
2011	3,977,782.01	951,063	990,519	3,106,596	22.99	135,128
2012	7,620,116.23	1,628,452	1,696,011	6,152,709	23.11	266,236
2013	7,980,228.30	1,489,727	1,551,530	6,668,105	23.22	287,171
2014	2,102,913.85	331,788	345,553	1,820,449	23.33	78,030
2015	5,677,912.30	719,803	749,665	5,098,585	23.44	217,516
2016	3,237,349.28	303,937	316,546	3,017,924	23.53	128,259
2017	1,641,622.88	95,856	99,833	1,591,039	23.63	67,331
2018	18,944,383.16	387,132	403,193	19,109,522	23.71	805,969
	366,655,392.19	185,382,421	193,073,267	184,581,787		9,515,997
	3,844,463,635.94	1,603,139,648	1,669,648,116	2,251,421,888		135,595,008

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 16.6 3.53

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DUKE ENERGY CAROLINAS

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)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 7-2034						
NET SALVAGE PERCENT.. -1						
1973	12,820,829.30	9,952,889	9,396,682	3,552,355	10.16	349,641
1974	18,887,180.32	14,543,773	13,731,010	5,345,042	10.39	514,441
1975	252,448.00	192,767	181,994	72,978	10.62	6,872
1977	44,096.00	33,100	31,250	13,287	11.06	1,201
1978	4,726,817.74	3,516,974	3,320,432	1,453,654	11.27	128,984
1979	1,811,890.00	1,335,815	1,261,164	568,844	11.48	49,551
1980	2,099.00	1,533	1,447	673	11.68	58
1982	16,530.00	11,845	11,183	5,512	12.06	457
1984	971.00	682	644	337	12.42	27
1986	3,586,649.16	2,462,912	2,325,275	1,297,241	12.75	101,744
1987	66,647.00	45,246	42,717	24,596	12.90	1,907
1988	13,150,578.00	8,820,499	8,327,575	4,954,509	13.05	379,656
1992	495,548.00	314,932	297,332	203,171	13.57	14,972
1993	105,467.00	66,032	62,342	44,180	13.68	3,230
1994	7,498,940.00	4,619,340	4,361,193	3,212,736	13.79	232,976
1995	630,147.00	381,685	360,355	276,094	13.89	19,877
1998	14,480,756.08	8,272,219	7,809,935	6,815,629	14.17	480,990
1999	16,601,782.00	9,275,108	8,756,779	8,011,021	14.25	562,177
2000	5,356,519.00	2,921,283	2,758,030	2,652,054	14.33	185,070
2001	7,456,201.00	3,962,386	3,740,952	3,789,811	14.40	263,181
2002	14,353,036.00	7,414,704	7,000,341	7,496,225	14.47	518,053
2003	14,108,861.29	7,063,130	6,668,415	7,581,535	14.54	521,426
2004	24,465,196.37	11,834,535	11,173,175	13,536,674	14.60	927,169
2005	20,170,257.32	9,396,159	8,871,065	11,500,895	14.66	784,509
2006	4,883,529.10	2,180,105	2,058,272	2,874,092	14.72	195,251
2007	5,576,785.57	2,375,191	2,242,456	3,390,097	14.77	229,526
2008	4,386,699.29	1,771,163	1,672,183	2,758,383	14.82	186,126
2009	43,139,227.26	16,382,553	15,467,032	28,103,588	14.87	1,889,952
2010	14,378,442.66	5,091,638	4,807,097	9,715,130	14.91	651,585
2011	4,569,466.33	1,488,205	1,405,038	3,210,123	14.96	214,580
2012	6,791,003.39	2,001,294	1,889,454	4,969,460	15.00	331,297
2013	17,328,191.22	4,537,082	4,283,532	13,217,941	15.03	879,437
2014	3,996,401.58	897,647	847,483	3,188,883	15.07	211,605
2015	477,330.81	87,753	82,849	399,255	15.10	26,441
2016	28,182,093.48	3,910,942	3,692,383	24,771,531	15.13	1,637,246
2017	7,654,689.45	674,937	637,219	7,094,017	15.16	467,943
2018	590,510.13	18,638	17,596	578,819	15.19	38,105
	323,043,816.85	147,856,696	139,593,883	186,680,372		13,007,263

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DUKE ENERGY CAROLINAS

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)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 3-2043						
NET SALVAGE PERCENT.. -3						
1981	35,098,824.11	23,849,335	22,516,541	13,635,248	14.98	910,230
1983	1,636,521.00	1,078,458	1,018,190	667,427	15.73	42,430
1984	87,302,432.98	56,609,185	53,445,641	36,475,865	16.10	2,265,582
1985	6,009.00	3,833	3,619	2,570	16.46	156
1986	18,415,628.36	11,549,485	10,904,054	8,064,043	16.81	479,717
1987	429.00	264	249	193	17.15	11
1988	1,278,143.34	773,568	730,338	586,150	17.49	33,513
1990	203,266.00	118,498	111,876	97,488	18.12	5,380
1991	24,781,049.21	14,162,513	13,371,056	12,153,425	18.42	659,795
1993	367,602.00	201,352	190,100	188,530	19.00	9,923
1997	341,343.00	169,565	160,089	191,494	20.02	9,565
1998	716,404.00	346,118	326,776	411,121	20.25	20,302
2000	36,312.00	16,507	15,585	21,817	20.67	1,055
2004	162,898.00	63,601	60,047	107,738	21.41	5,032
2006	18,923,811.04	6,695,339	6,321,177	13,170,348	21.73	606,091
2007	6,431,955.88	2,150,315	2,030,147	4,594,768	21.87	210,095
2008	13,713,297.76	4,302,100	4,061,682	10,063,015	22.01	457,202
2009	8,260,303.00	2,412,050	2,277,255	6,230,857	22.14	281,430
2010	12,557,388.49	3,374,121	3,185,562	9,748,548	22.27	437,744
2011	7,771,911.75	1,898,322	1,792,236	6,212,833	22.39	277,482
2012	144,239,964.92	31,522,981	29,761,353	118,805,811	22.50	5,280,258
2013	31,909,418.50	6,087,899	5,747,683	27,119,018	22.61	1,199,426
2014	125,209,206.20	20,208,891	19,079,539	109,885,944	22.71	4,838,659
2015	1,564,314.41	203,097	191,747	1,419,497	22.81	62,231
2016	11,606,212.01	1,116,899	1,054,482	10,899,916	22.90	475,979
2017	1,798,701.87	107,825	101,799	1,750,864	22.98	76,191
2018	3,689,865.47	77,493	73,162	3,727,399	23.06	161,639
	558,023,213.30	189,099,614	178,531,985	396,231,925		18,807,118
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 12-2043						
NET SALVAGE PERCENT.. -3						
1985	32,549,193.69	20,636,055	19,482,831	14,042,838	16.69	841,392
1986	37,120,677.61	23,133,662	21,840,862	16,393,436	17.05	961,492
1987	142,376.42	87,162	82,291	64,357	17.41	3,697
1988	53,182.48	31,962	30,176	24,602	17.76	1,385
1991	185,881.57	105,243	99,362	92,096	18.76	4,909

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DUKE ENERGY CAROLINAS

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)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 12-2043						
NET SALVAGE PERCENT.. -3						
1992	185,613.93	102,931	97,179	94,004	19.06	4,932
1993	4,232,535.95	2,295,414	2,167,137	2,192,375	19.36	113,243
1994	103,671.96	54,935	51,865	54,917	19.65	2,795
2001	5,992.01	2,594	2,449	3,723	21.36	174
2002	3,371.78	1,407	1,328	2,145	21.56	99
2004	6,534,019.82	2,509,565	2,369,321	4,360,720	21.93	198,847
2005	65,748.78	24,080	22,734	44,987	22.11	2,035
2006	95,390.89	33,170	31,316	66,936	22.27	3,006
2007	2,175,357.17	713,973	674,073	1,566,545	22.43	69,842
2008	1,705,464.75	524,810	495,482	1,261,147	22.58	55,852
2009	2,172,375.33	621,613	586,875	1,650,672	22.72	72,653
2010	1,142,631.32	300,842	284,030	892,880	22.86	39,059
2011	1,766,913.38	422,458	398,849	1,421,071	22.99	61,813
2012	1,308,398.12	279,610	263,984	1,083,666	23.11	46,892
2013	387,198.99	72,281	68,242	330,573	23.22	14,237
2014	910,267.18	143,618	135,592	801,983	23.33	34,376
2015	1,985,074.84	251,653	237,590	1,807,037	23.44	77,092
2016	456,241.86	42,834	40,440	429,489	23.53	18,253
2017	995,290.95	58,116	54,868	970,281	23.63	41,061
2018	552,737.30	11,295	10,664	558,656	23.71	23,562
	96,835,608.08	52,461,283	49,529,540	50,211,136		2,692,698
	977,902,638.23	389,417,593	367,655,408	633,123,433		34,507,079

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 18.3 3.53

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DUKE ENERGY CAROLINAS

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)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 7-2034						
NET SALVAGE PERCENT.. -1						
1973	421,668.25	328,008	296,996	128,889	11.02	11,696
1975	4,440.47	3,398	3,077	1,408	11.48	123
1977	745,878.39	561,093	508,043	245,294	11.92	20,578
1978	14,063.53	10,486	9,495	4,710	12.13	388
1979	110,115.75	81,367	73,674	37,543	12.33	3,045
1980	1,142,812.95	836,709	757,600	396,641	12.52	31,681
1981	215,589.42	156,326	141,546	76,200	12.71	5,995
1982	110,387.14	79,279	71,783	39,708	12.88	3,083
1983	389,081.03	276,719	250,556	142,416	13.04	10,921
1984	294,492.41	207,284	187,686	109,752	13.20	8,315
1985	1,712.20	1,192	1,079	650	13.35	49
1986	21,929,068.70	15,104,960	13,676,822	8,471,538	13.49	627,987
1987	536,307.04	365,216	330,686	210,984	13.62	15,491
1988	1,587,544.87	1,068,551	967,522	635,898	13.74	46,281
1989	961,699.00	639,320	578,874	392,442	13.86	28,315
1990	634,791.52	416,548	377,164	263,975	13.97	18,896
1991	10,587,116.80	6,853,991	6,205,962	4,487,026	14.07	318,907
1992	39,680.53	25,333	22,938	17,140	14.16	1,210
1993	519,663.55	326,788	295,891	228,969	14.25	16,068
1994	1,077,388.51	666,652	603,622	484,541	14.34	33,789
1995	1,543,315.68	939,037	850,253	708,496	14.42	49,133
1996	625,010.83	373,530	338,214	293,047	14.49	20,224
1997	17,381,546.07	10,191,238	9,227,680	8,327,681	14.56	571,956
1998	4,203,327.82	2,413,233	2,185,068	2,060,294	14.63	140,827
1999	17,188,469.28	9,653,398	8,740,692	8,619,662	14.69	586,771
2000	868,330.82	476,026	431,019	445,995	14.75	30,237
2001	2,677,365.25	1,429,516	1,294,359	1,409,780	14.81	95,191
2002	6,205,127.21	3,220,703	2,916,193	3,350,985	14.86	225,504
2003	10,431,309.62	5,248,320	4,752,104	5,783,519	14.91	387,895
2004	6,847,534.37	3,330,889	3,015,961	3,900,048	14.95	260,873
2005	2,825,045.93	1,322,560	1,197,515	1,655,781	15.00	110,385
2006	17,026,928.10	7,642,435	6,919,861	10,277,337	15.04	683,334
2007	29,576,028.17	12,658,768	11,461,911	18,409,877	15.08	1,220,814
2008	19,367,361.62	7,860,015	7,116,869	12,444,166	15.11	823,572
2009	14,112,467.58	5,385,292	4,876,125	9,377,467	15.15	618,975
2010	61,250.68	21,783	19,723	42,140	15.18	2,776
2011	614,267.40	201,013	182,008	438,402	15.21	28,823
2012	24,161,987.46	7,161,483	6,484,382	17,919,226	15.24	1,175,802
2013	430,650,160.30	113,219,219	102,514,608	332,442,053	15.26	21,785,194
2014	40,425,311.76	9,107,851	8,246,725	32,582,840	15.29	2,130,990
2015	124,693,350.09	22,995,436	20,821,272	105,119,012	15.31	6,866,036

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DUKE ENERGY CAROLINAS

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)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 7-2034						
NET SALVAGE PERCENT.. -1						
2016	18,139,570.43	2,524,629	2,285,931	16,035,035	15.33	1,045,991
2017	25,479,687.66	2,249,194	2,036,538	23,697,947	15.35	1,543,840
2018	26,270,841.73	819,887	742,369	25,791,182	15.37	1,678,021
	882,699,097.92	258,454,675	234,018,394	657,507,695		43,285,982
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 3-2043						
NET SALVAGE PERCENT.. -3						
1981	64,148,851.26	43,307,095	39,212,511	26,860,806	16.58	1,620,073
1982	1,098.00	730	661	470	16.97	28
1983	349,377.00	228,712	207,088	152,770	17.34	8,810
1984	58,771,635.60	37,872,377	34,291,633	26,243,152	17.70	1,482,664
1986	138,689.00	86,464	78,289	64,561	18.39	3,511
1987	840,762.00	515,356	466,630	399,355	18.71	21,344
1989	270,605.00	160,007	144,879	133,844	19.32	6,928
1991	1,060,316.00	603,345	546,300	545,825	19.88	27,456
1993	3,561,919.00	1,944,782	1,760,907	1,907,869	20.38	93,615
1996	175,317.00	89,268	80,828	99,749	21.04	4,741
1997	15,913,014.00	7,895,258	7,148,780	9,241,624	21.24	435,105
1999	237,094.00	111,170	100,659	143,548	21.60	6,646
2000	1,160,078.00	527,205	477,359	717,521	21.77	32,959
2001	1,996,231.00	877,818	794,822	1,261,296	21.92	57,541
2002	1,504,926.00	638,289	577,940	972,134	22.07	44,048
2003	939,332.00	383,106	346,884	620,628	22.21	27,944
2004	881,197.00	344,301	311,748	595,885	22.35	26,662
2005	982,382.00	366,483	331,833	680,021	22.47	30,264
2006	1,108,125.82	392,722	355,591	785,779	22.59	34,784
2007	1,376,333.52	460,742	417,180	1,000,444	22.70	44,072
2008	4,313,167.97	1,356,314	1,228,078	3,214,485	22.80	140,986
2009	1,518,896.48	444,198	402,200	1,162,263	22.90	50,754
2010	7,913,611.88	2,133,285	1,931,588	6,219,432	22.99	270,528
2011	3,409,858.83	835,998	756,956	2,755,198	23.08	119,376
2012	9,783,379.68	2,144,159	1,941,434	8,135,447	23.16	351,271
2013	4,810,032.12	921,456	834,335	4,119,999	23.24	177,281
2014	12,200,481.30	1,976,333	1,789,475	10,777,020	23.31	462,335
2015	5,383,906.37	702,217	635,824	4,909,600	23.38	209,991

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DUKE ENERGY CAROLINAS

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)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 3-2043						
NET SALVAGE PERCENT.. -3						
2016	5,272,191.02	510,073	461,847	4,968,510	23.44	211,967
2017	8,709,489.47	524,701	475,092	8,495,682	23.50	361,518
2018	37,114,660.11	763,415	691,236	37,536,864	23.56	1,593,246
	255,846,958.43	109,117,379	98,800,588	164,721,779		7,958,448
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2043						
NET SALVAGE PERCENT.. -3						
1985	26,797,262.89	16,870,670	15,275,588	12,325,593	18.35	671,694
1986	23,955,797.19	14,827,877	13,425,936	11,248,535	18.70	601,526
1987	479,389.57	291,483	263,924	229,847	19.05	12,065
1988	466,788.45	278,715	252,363	228,429	19.38	11,787
1989	223,053.53	130,736	118,375	111,370	19.69	5,656
1990	26,878.36	15,448	13,987	13,697	20.00	685
1991	468,706.33	264,026	239,063	243,705	20.29	12,011
1992	100,215.01	55,305	50,076	53,145	20.56	2,585
1993	38,354.51	20,714	18,756	20,750	20.82	997
1996	260,117.74	130,807	118,440	149,482	21.53	6,943
1997	3,350,870.76	1,641,174	1,486,005	1,965,392	21.74	90,404
2002	109,013.39	45,510	41,207	71,077	22.64	3,139
2003	290,968.73	116,732	105,695	194,003	22.79	8,513
2004	526,529.67	202,222	183,102	359,223	22.94	15,659
2005	399,392.66	146,429	132,584	278,790	23.07	12,085
2006	424,754.98	147,830	133,853	303,645	23.20	13,088
2007	485,646.17	159,534	144,450	355,765	23.32	15,256
2008	1,206,919.50	371,857	336,699	906,428	23.43	38,687
2009	1,368,729.22	392,119	355,045	1,054,746	23.54	44,807
2010	282,474.69	74,454	67,415	223,534	23.64	9,456
2011	716,420.44	171,771	155,530	582,383	23.73	24,542
2012	1,379,505.52	295,332	267,409	1,153,482	23.82	48,425
2013	2,491,503.87	465,800	421,760	2,144,489	23.90	89,728
2014	2,675,453.68	423,140	383,133	2,372,584	23.98	98,940
2015	5,305,761.47	675,138	611,305	4,853,629	24.05	201,814

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DUKE ENERGY CAROLINAS

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)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2043						
NET SALVAGE PERCENT.. -3						
2016	1,879,051.30	176,472	159,787	1,775,636	24.12	73,617
2017	3,842,516.25	225,357	204,050	3,753,742	24.18	155,242
2018	11,099,223.40	226,472	205,060	11,227,140	24.24	463,166
	90,651,299.28	38,843,124	35,170,598	58,200,240		2,732,517
	1,229,197,355.63	406,415,178	367,989,580	880,429,714		53,976,947

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 16.3 4.39

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DUKE ENERGY CAROLINAS

ACCOUNT 325 MISCELLANEOUS POWER PLANT EQUIPMENT

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

OCONEE
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5
PROBABLE RETIREMENT YEAR.. 7-2034
NET SALVAGE PERCENT.. -1

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1975	976,965.40	747,649	785,062	201,673	11.48	17,567
1976	29,982.07	22,747	23,885	6,397	11.71	546
1977	417,355.71	313,959	329,670	91,859	11.92	7,706
1978	419,863.02	313,059	328,725	95,337	12.13	7,860
1979	387,205.70	286,116	300,434	90,644	12.33	7,352
1980	102,691.28	75,185	78,947	24,771	12.52	1,979
1981	602,539.88	436,907	458,770	149,795	12.71	11,786
1982	394,165.49	283,086	297,252	100,855	12.88	7,830
1983	1,848,139.67	1,314,419	1,380,194	486,427	13.04	37,303
1984	2,664,810.08	1,875,677	1,969,538	721,920	13.20	54,691
1985	1,083,542.00	754,529	792,287	302,091	13.35	22,629
1986	6,564,550.55	4,521,727	4,748,000	1,882,197	13.49	139,525
1987	3,072,038.81	2,092,004	2,196,690	906,069	13.62	66,525
1988	1,984,581.61	1,335,791	1,402,636	601,792	13.74	43,799
1989	2,224,006.67	1,478,480	1,552,465	693,782	13.86	50,056
1990	6,596,224.21	4,328,423	4,545,022	2,117,164	13.97	151,551
1991	3,333,288.14	2,157,937	2,265,923	1,100,698	14.07	78,230
1992	8,495,161.77	5,423,575	5,694,977	2,885,136	14.16	203,753
1993	9,400,741.29	5,911,620	6,207,444	3,287,304	14.25	230,688
1994	10,441,922.84	6,461,111	6,784,433	3,761,910	14.34	262,337
1995	4,694,899.82	2,856,632	2,999,581	1,742,268	14.42	120,823
1996	7,062,411.37	4,220,760	4,431,972	2,701,064	14.49	186,409
1997	3,836,336.63	2,249,341	2,361,901	1,512,799	14.56	103,901
1998	3,084,941.89	1,771,140	1,859,770	1,256,021	14.63	85,852
1999	2,677,329.37	1,503,643	1,578,887	1,125,216	14.69	76,597
2000	3,235,583.12	1,773,772	1,862,534	1,405,405	14.75	95,282
2001	3,923,182.05	2,094,690	2,199,511	1,762,903	14.81	119,035
2002	4,489,154.33	2,330,046	2,446,644	2,087,402	14.86	140,471
2003	3,220,304.60	1,620,237	1,701,316	1,551,192	14.91	104,037
2004	3,520,868.08	1,712,678	1,798,382	1,757,694	14.95	117,572
2005	3,980,203.08	1,863,353	1,956,597	2,063,408	15.00	137,561
2006	7,385,288.36	3,314,842	3,480,721	3,978,421	15.04	264,523
2007	5,002,937.14	2,141,296	2,248,449	2,804,518	15.08	185,976
2008	5,994,784.50	2,432,913	2,554,659	3,500,074	15.11	231,640
2009	14,183,996.65	5,412,588	5,683,440	8,642,396	15.15	570,455
2010	8,662,929.92	3,080,807	3,234,974	5,514,585	15.18	363,280
2011	11,562,938.47	3,783,856	3,973,205	7,705,363	15.21	506,598
2012	11,927,458.83	3,535,234	3,712,141	8,334,592	15.24	546,889
2013	11,319,234.42	2,975,861	3,124,777	8,307,650	15.26	544,407
2014	11,350,112.15	2,557,188	2,685,153	8,778,461	15.29	574,131
2015	10,912,540.17	2,012,446	2,113,151	8,908,514	15.31	581,876

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DUKE ENERGY CAROLINAS

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)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 7-2034						
NET SALVAGE PERCENT.. -1						
2016	16,265,238.70	2,263,763	2,377,044	14,050,847	15.33	916,559
2017	7,392,412.34	652,558	685,213	6,781,124	15.35	441,767
2018	12,548,904.00	391,639	411,237	12,263,156	15.37	797,863
	239,273,766.18	98,685,284	103,623,611	138,042,893		9,217,217
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 3-2043						
NET SALVAGE PERCENT.. -3						
1975	2,737.02	2,009	2,110	710	14.15	50
1977	271.15	194	204	76	14.98	5
1978	65,096.80	45,883	48,179	18,871	15.39	1,226
1979	13,101.98	9,107	9,563	3,932	15.79	249
1980	11,758.19	8,056	8,459	3,652	16.19	226
1981	40,081,457.71	27,059,120	28,413,190	12,870,711	16.58	776,279
1982	122,369.79	81,349	85,420	40,621	16.97	2,394
1983	219,822.46	143,902	151,103	75,314	17.34	4,343
1984	19,033,035.63	12,264,867	12,878,615	6,725,411	17.70	379,967
1985	775,962.85	491,973	516,592	282,650	18.05	15,659
1986	3,493,323.55	2,177,872	2,286,855	1,311,268	18.39	71,303
1987	2,000,469.41	1,226,214	1,287,575	772,908	18.71	41,310
1988	2,884,323.30	1,737,117	1,824,044	1,146,809	19.02	60,295
1989	3,203,760.41	1,894,358	1,989,154	1,310,719	19.32	67,843
1990	9,170,753.79	5,320,390	5,586,629	3,859,248	19.61	196,800
1991	6,826,381.59	3,884,372	4,078,751	2,952,423	19.88	148,512
1992	2,739,625.35	1,527,899	1,604,357	1,217,457	20.13	60,480
1993	4,885,639.83	2,667,524	2,801,010	2,231,199	20.38	109,480
1994	4,868,085.99	2,599,625	2,729,713	2,284,415	20.61	110,840
1995	4,764,027.19	2,486,007	2,610,410	2,296,538	20.83	110,251
1996	4,052,024.56	2,063,212	2,166,458	2,007,128	21.04	95,396
1997	4,427,391.93	2,196,655	2,306,578	2,253,636	21.24	106,103
1998	2,593,745.14	1,252,640	1,315,324	1,356,234	21.42	63,316
1999	2,160,424.43	1,012,995	1,063,686	1,161,551	21.60	53,776
2000	3,126,269.36	1,420,754	1,491,850	1,728,207	21.77	79,385
2001	3,974,154.39	1,747,586	1,835,037	2,258,342	21.92	103,027
2002	3,479,308.72	1,475,691	1,549,536	2,034,152	22.07	92,168
2003	2,975,531.24	1,213,568	1,274,296	1,790,501	22.21	80,617
2004	2,651,306.23	1,035,919	1,087,758	1,643,088	22.35	73,516

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DUKE ENERGY CAROLINAS

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)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 3-2043						
NET SALVAGE PERCENT.. -3						
2005	3,211,605.66	1,198,108	1,258,063	2,049,891	22.47	91,228
2006	3,706,764.86	1,313,686	1,379,424	2,438,543	22.59	107,948
2007	4,184,171.37	1,400,694	1,470,786	2,838,910	22.70	125,062
2008	7,419,255.96	2,333,052	2,449,801	5,192,033	22.80	227,721
2009	8,317,624.95	2,432,472	2,554,196	6,012,958	22.90	262,575
2010	8,278,740.97	2,231,713	2,343,391	6,183,713	22.99	268,974
2011	7,779,046.42	1,907,196	2,002,634	6,009,783	23.08	260,389
2012	7,857,818.29	1,722,146	1,808,324	6,285,229	23.16	271,383
2013	13,278,945.92	2,543,844	2,671,141	11,006,173	23.24	473,587
2014	20,150,123.39	3,264,080	3,427,418	17,327,209	23.31	743,338
2015	26,940,536.00	3,513,824	3,689,660	24,059,092	23.38	1,029,046
2016	13,508,464.84	1,306,916	1,372,316	12,541,403	23.44	535,043
2017	11,004,219.65	662,946	696,121	10,638,226	23.50	452,690
2018	10,687,337.36	219,829	230,830	10,777,128	23.56	457,433
	280,926,815.63	105,097,364	110,356,559	178,998,061		8,211,233
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2043						
NET SALVAGE PERCENT.. -3						
1982	21.66	14	15	8	17.21	
1983	3,771.03	2,454	2,577	1,307	17.60	74
1984	241,584.92	154,662	162,401	86,431	17.98	4,807
1985	8,175,794.01	5,147,209	5,404,781	3,016,286	18.35	164,375
1986	3,169,330.07	1,961,715	2,059,882	1,204,528	18.70	64,413
1987	634,008.07	385,496	404,787	248,242	19.05	13,031
1988	978,715.99	584,383	613,626	394,451	19.38	20,354
1989	426,232.64	249,824	262,325	176,694	19.69	8,974
1990	847,567.85	487,140	511,517	361,478	20.00	18,074
1991	1,119,859.07	630,824	662,391	491,064	20.29	24,202
1992	1,540,535.70	850,166	892,709	694,042	20.56	33,757
1993	947,354.50	511,628	537,230	438,545	20.82	21,064
1994	1,534,694.99	810,301	850,849	729,886	21.07	34,641
1995	1,412,613.28	728,180	764,619	690,373	21.31	32,397
1996	882,490.85	443,784	465,991	442,974	21.53	20,575
1997	1,565,659.55	766,821	805,194	807,436	21.74	37,141
1998	869,282.17	414,122	434,845	460,515	21.94	20,990
1999	376,775.93	174,228	182,947	205,133	22.13	9,269

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DUKE ENERGY CAROLINAS

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)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2043						
NET SALVAGE PERCENT.. -3						
2000	681,386.56	305,225	320,499	381,329	22.31	17,092
2001	487,834.55	211,198	221,767	280,703	22.48	12,487
2002	756,281.13	315,724	331,523	447,446	22.64	19,764
2003	724,052.12	290,479	305,015	440,759	22.79	19,340
2004	444,076.90	170,555	179,090	278,309	22.94	12,132
2005	691,114.06	253,382	266,062	445,786	23.07	19,323
2006	528,577.29	183,964	193,170	351,265	23.20	15,141
2007	921,974.79	302,867	318,023	631,611	23.32	27,085
2008	1,701,028.79	524,094	550,320	1,201,739	23.43	51,291
2009	1,184,018.87	339,203	356,177	863,362	23.54	36,676
2010	1,581,477.06	416,841	437,700	1,191,221	23.64	50,390
2011	1,292,485.91	309,891	325,398	1,005,862	23.73	42,388
2012	1,318,420.61	282,255	296,379	1,061,594	23.82	44,567
2013	2,218,635.93	414,786	435,542	1,849,653	23.90	77,391
2014	1,069,690.49	169,179	177,645	924,136	23.98	38,538
2015	3,805,053.38	484,179	508,408	3,410,797	24.05	141,821
2016	1,840,131.49	172,817	181,465	1,713,870	24.12	71,056
2017	2,705,213.13	158,656	166,595	2,619,774	24.18	108,345
2018	851,468.12	17,374	18,243	858,769	24.24	35,428
	49,529,213.46	19,625,620	20,607,709	30,407,381		1,368,393
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2043						
NET SALVAGE PERCENT.. -2						
1997	61,696.00	29,924	31,421	31,508	21.74	1,449
1998	48,736.00	22,992	24,143	25,568	21.94	1,165
2006	7,273.00	2,507	2,632	4,786	23.20	206
2010	1,282,200.53	334,677	351,425	956,420	23.64	40,458
2015	39,614.09	4,992	5,242	35,165	24.05	1,462
2018	6,783.00	137	144	6,775	24.24	279
	1,446,302.62	395,229	415,007	1,060,222		45,019
	571,176,097.89	223,803,497	235,002,886	348,508,557		18,841,862

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 18.5 3.30

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ACCOUNT 330 RIGHTS OF WAY

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)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. 0						
1964	6,879,922.00	4,201,293	5,328,751	1,551,171	34.20	45,356
1982	1,607.00	810	1,027	580	35.72	16
1989	18.00	8	10	8	36.03	
	6,881,547.00	4,202,111	5,329,789	1,551,758		45,372
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. 0						
1991	723,692.00	298,957	379,185	344,507	38.97	8,840
	723,692.00	298,957	379,185	344,507		8,840
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. 0						
1973	324,858.00	203,663	258,318	66,540	26.88	2,475
1975	4,171.00	2,569	3,258	913	26.96	34
1979	33,104.00	19,598	24,857	8,247	27.09	304
1987	74,046.00	39,641	50,279	23,767	27.27	872
	436,179.00	265,471	336,713	99,466		3,685
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. 0						
1971	12,066,994.00	7,690,899	9,758,786	2,308,208	26.80	86,127
1977	4,081.00	2,466	3,129	952	27.03	35
	12,071,075.00	7,693,365	9,761,915	2,309,160		86,162

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DUKE ENERGY CAROLINAS

ACCOUNT 330 RIGHTS OF WAY

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)
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. 0						
1916	35,796.00	29,505	35,796			
	35,796.00	29,505	35,796			
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. 0						
1919	393,705.00	319,118	393,705			
	393,705.00	319,118	393,705			
GASTON SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. 0						
1917	6,113.00	5,313	6,113			
1960	10,535.00	8,133	10,535			
	16,648.00	13,446	16,648			
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. 0						
1915	7,426.00	6,154	7,426			
	7,426.00	6,154	7,426			

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DUKE ENERGY CAROLINAS

ACCOUNT 330 RIGHTS OF WAY

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)
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. 0						
1923	319,558.00	253,077	319,558			
1998	4,355.00	1,571	4,355			
	323,913.00	254,648	323,913			
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. 0						
1910	15,682.00	13,862	15,682			
1979	1,420.00	985	1,420			
	17,102.00	14,847	17,102			
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. 0						
1928	695,790.00	534,937	682,133	13,657	24.90	548
	695,790.00	534,937	682,133	13,657		548
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. 0						
1925	199,929.00	156,470	199,525	404	23.55	17
	199,929.00	156,470	199,525	404		17

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DUKE ENERGY CAROLINAS

ACCOUNT 330 RIGHTS OF WAY

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)
TUXEDO						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. 0						
1927	245,404.00	201,366	245,404			
	245,404.00	201,366	245,404			
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. 0						
1919	204,111.00	165,442	204,111			
	204,111.00	165,442	204,111			
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. 0						
1925	1,152,940.00	902,325	1,152,940			
1974	36,176.00	20,124	36,176			
2012	325.24	49	325			
	1,189,441.24	922,498	1,189,441			
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. 0						
1954	326.00	244	322	4	21.37	
1956	109.00	81	107	2	21.49	
	435.00	325	429	6		

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DUKE ENERGY CAROLINAS

ACCOUNT 330 RIGHTS OF WAY

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)
NPL FRANKLIN						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. 0						
1940	736.00	579	736			
1944	8,897.00	6,910	8,897			
1945	539.00	417	539			
1946	1,072.00	827	1,072			
1947	765.00	588	765			
1948	300.00	230	300			
1949	114.00	87	114			
	12,423.00	9,638	12,423			
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. 0						
1941	6,560.00	5,105	6,560			
1942	60,785.00	47,127	60,785			
1943	993.00	767	993			
1949	499.00	377	499			
1950	245.00	184	245			
1952	401.00	299	401			
1953	10,821.00	8,037	10,821			
	80,304.00	61,896	80,304			
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2032						
NET SALVAGE PERCENT.. 0						
1929	712.00	621	712			
1949	5,070.00	4,254	5,070			
	5,782.00	4,875	5,782			

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ACCOUNT 330 RIGHTS OF WAY

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)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. 0						
1956	711.00	527	711			
	711.00	527	711			
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. 0						
1941	47,127.00	36,976	47,127			
	47,127.00	36,976	47,127			
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. 0						
1949	204.00	156	204			
1950	511.00	388	511			
1954	803.00	600	803			
	1,518.00	1,144	1,518			
	23,590,058.24	15,193,716	19,271,100	4,318,958		144,624

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 29.9 0.61

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DUKE ENERGY CAROLINAS

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)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -11						
1963	6,658,190.60	4,908,905	5,437,716	1,952,875	24.10	81,032
1974	3,186.38	2,112	2,340	1,197	27.47	44
1976	19,182.00	12,424	13,762	7,530	28.06	268
1984	101,670.00	58,805	65,140	47,714	30.35	1,572
1985	84,172.00	47,876	53,033	40,397	30.62	1,319
1986	244,736.00	136,768	151,501	120,156	30.89	3,890
1987	2,255.00	1,238	1,371	1,132	31.15	36
1988	110,058.00	59,250	65,633	56,532	31.41	1,800
1993	50,677.00	24,440	27,073	29,179	32.62	895
1994	9,195.00	4,321	4,786	5,420	32.85	165
1998	11,560.00	4,828	5,348	7,484	33.69	222
1999	323,640.00	130,634	144,707	214,534	33.88	6,332
2000	2,733,329.00	1,063,203	1,177,736	1,856,259	34.07	54,484
2001	926,024.00	346,408	383,725	644,162	34.25	18,808
2002	22,879.00	8,206	9,090	16,306	34.42	474
2003	360,270.00	123,493	136,796	263,103	34.58	7,609
2005	23,701.00	7,329	8,119	18,190	34.88	522
2006	807,997.00	235,645	261,030	635,847	35.02	18,157
2007	318,813.66	87,183	96,575	257,308	35.15	7,320
2008	302,951.03	77,071	85,373	250,902	35.28	7,112
2009	22,320.31	5,243	5,808	18,968	35.39	536
2010	31,479.97	6,750	7,477	27,466	35.50	774
2011	48,836.32	9,433	10,449	43,759	35.60	1,229
2013	382,868.36	56,625	62,725	362,259	35.78	10,125
2014	949,265.30	117,486	130,142	923,542	35.86	25,754
2015	1,479,507.62	145,766	161,469	1,480,785	35.93	41,213
2016	228,885.00	16,499	18,276	235,786	36.00	6,550
2017	83,177.53	3,688	4,085	88,242	36.06	2,447
2018	101,657.29	1,541	1,707	111,133	36.11	3,078
	16,442,484.37	7,703,170	8,532,993	9,718,165		303,767
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -6						
1986	3,107.81	1,612	1,786	1,509	32.65	46
1988	2,113.00	1,054	1,168	1,072	33.26	32
1990	124,965.25	59,706	66,138	66,325	33.84	1,960

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BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -6						
1991	220,630,668.68	102,995,691	114,090,888	119,777,620	34.13	3,509,453
1995	62,322.00	26,212	29,036	37,026	35.21	1,052
1998	122,633.00	46,936	51,992	77,999	35.94	2,170
1999	1,112,375.00	410,946	455,215	723,902	36.17	20,014
2000	139,149.00	49,471	54,800	92,698	36.40	2,547
2002	38,980.00	12,751	14,125	27,194	36.81	739
2005	131,006.00	36,786	40,749	98,118	37.38	2,625
2007	34,505.00	8,542	9,462	27,113	37.71	719
2008	95,082.54	21,867	24,223	76,565	37.86	2,022
2009	387,448.18	82,053	90,892	319,803	38.01	8,414
2010	143,392.61	27,701	30,685	121,311	38.14	3,181
2011	23,066.15	4,006	4,438	20,013	38.27	523
2012	196,463.63	30,155	33,403	174,848	38.39	4,555
2013	765,687.47	101,454	112,383	699,246	38.50	18,162
2014	224,711.83	24,870	27,549	210,645	38.60	5,457
2015	391,898.23	34,463	38,176	377,237	38.69	9,750
2016	2,156,282.11	138,420	153,331	2,132,328	38.78	54,985
2017	1,210,247.94	47,684	52,821	1,230,042	38.86	31,653
2018	128,615.39	1,729	1,915	134,417	38.93	3,453
	228,124,720.82	104,164,109	115,385,174	126,427,030		3,683,512
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
1973	11,788,034.64	8,055,112	8,922,848	3,454,588	22.51	153,469
1975	1,005,131.84	674,499	747,159	308,229	22.87	13,477
1977	22,657.00	14,903	16,508	7,281	23.24	313
1979	1,310.00	843	934	442	23.59	19
1981	11,298.00	7,109	7,875	3,988	23.93	167
1983	37,284.00	22,877	25,341	13,807	24.26	569
1985	65,504.00	39,104	43,316	25,463	24.58	1,036
1987	2,644.00	1,532	1,697	1,079	24.88	43
1990	182,616.00	100,556	111,388	80,358	25.32	3,174
1992	3,904,859.00	2,069,895	2,292,874	1,807,228	25.58	70,650
1995	51,697.00	25,651	28,414	25,868	25.95	997
1999	171,792.00	76,417	84,649	95,733	26.38	3,629
2000	211,838.00	91,221	101,048	121,382	26.48	4,584

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JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
2001	88,467.00	36,798	40,762	52,128	26.57	1,962
2004	89,113.00	32,799	36,332	57,236	26.81	2,135
2005	37,428.00	13,126	14,540	24,759	26.88	921
2006	11,282.00	3,749	4,153	7,693	26.95	285
2007	24,952.86	7,819	8,661	17,539	27.01	649
2008	181,413.26	53,200	58,931	131,553	27.07	4,860
2011	342,670.74	77,747	86,122	273,682	27.21	10,058
2012	1,699,582.20	343,689	380,713	1,403,848	27.25	51,517
2013	577,797.58	101,796	112,762	493,925	27.28	18,106
2014	208,917.34	31,031	34,374	184,989	27.31	6,774
2016	841,741.53	73,976	81,945	801,884	27.37	29,298
2017	6,514,339.96	355,136	393,393	6,446,664	27.39	235,366
2018	344,197.58	6,473	7,170	354,237	27.41	12,924
	28,418,568.53	12,317,058	13,643,912	16,195,585		626,982
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
1967	124.00	89	99	32	21.36	1
1971	758,051.68	527,033	583,807	212,147	22.13	9,586
1973	4,117.00	2,813	3,116	1,207	22.51	54
1977	23,625.00	15,539	17,213	7,593	23.24	327
1980	13,185.00	8,395	9,299	4,545	23.76	191
1984	502,853.00	304,458	337,256	190,740	24.42	7,811
1985	30,347.00	18,116	20,068	11,797	24.58	480
1987	24,051.00	13,937	15,438	9,815	24.88	394
1988	20,938.00	11,938	13,224	8,761	25.03	350
1992	41,124.00	21,799	24,147	19,033	25.58	744
1996	63,854.00	30,896	34,224	32,822	26.07	1,259
1998	7,187.00	3,294	3,649	3,898	26.28	148
2006	280,058.00	93,073	103,099	190,962	26.95	7,086
2007	23,177.90	7,263	8,045	16,291	27.01	603
2008	196,289.82	57,563	63,764	142,340	27.07	5,258
2010	411,304.14	102,940	114,029	317,840	27.16	11,703
2012	3,479,157.34	703,553	779,343	2,873,772	27.25	105,460
2013	963,404.39	169,732	188,016	823,558	27.28	30,189
2014	247,691.84	36,790	40,753	219,323	27.31	8,031

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KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
2015	653,630.15	77,890	86,281	600,031	27.34	21,947
2016	266,850.12	23,452	25,978	254,214	27.37	9,288
2017	226,118.84	12,327	13,655	223,770	27.39	8,170
2018	5,299,765.11	99,665	110,401	5,454,352	27.41	198,991
	13,536,904.33	2,342,555	2,594,906	11,618,844		428,071
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1967	9,334.15	7,006	7,761	3,160	25.34	125
1972	84.00	60	66	32	26.86	1
1988	32,164.00	18,251	20,217	17,415	31.41	554
1995	460,715.24	222,132	246,061	292,976	33.07	8,859
1997	1,787,464.00	812,546	900,077	1,191,256	33.49	35,570
1998	219,508.00	96,625	107,034	149,790	33.69	4,446
1999	67,481.00	28,710	31,803	47,150	33.88	1,392
2000	47,820.00	19,606	21,718	34,231	34.07	1,005
2002	62,200.00	23,514	26,047	46,727	34.42	1,358
2004	443,009.00	152,334	168,744	349,576	34.74	10,063
2006	108,103.00	33,231	36,811	89,670	35.02	2,561
2007	57,291.94	16,514	18,293	48,739	35.15	1,387
2008	20,349.96	5,457	6,045	17,765	35.28	504
2010	636,012.43	143,752	159,238	584,897	35.50	16,476
2011	13,532.64	2,755	3,052	12,781	35.60	359
2012	42,031.80	7,576	8,392	40,785	35.69	1,143
2014	57,549.90	7,508	8,317	59,017	35.86	1,646
2015	311,370.43	32,336	35,819	328,484	35.93	9,142
	4,376,021.49	1,629,913	1,805,495	3,314,450		96,591
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1927	70,255.13	67,781	75,083	7,116	13.15	541
1978	55,255.00	36,779	40,741	23,907	28.65	834

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CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1984	12,570.00	7,663	8,488	6,218	30.35	205
1991	23,619.00	12,589	13,945	13,689	32.15	426
1995	22,128.00	10,669	11,818	14,071	33.07	425
1996	131,644.00	61,699	68,346	85,678	33.28	2,574
1997	819,376.01	372,472	412,597	546,073	33.49	16,306
1999	1,264,446.00	537,970	595,923	883,479	33.88	26,077
2000	100,618.00	41,254	45,698	72,025	34.07	2,114
2007	133,235.00	38,404	42,541	113,344	35.15	3,225
2008	323,572.00	86,767	96,114	282,465	35.28	8,006
2009	33,232.38	8,229	9,115	29,766	35.39	841
2014	141,489.82	18,458	20,446	145,097	35.86	4,046
2015	299,135.53	31,065	34,411	315,577	35.93	8,783
2016	140,673.48	10,688	11,839	152,749	36.00	4,243
2017	411,529.96	19,231	21,303	460,187	36.06	12,762
2018	6,908.07	110	122	7,961	36.11	220
	3,989,687.38	1,361,828	1,508,531	3,159,403		91,628
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -4						
1981	4,002.00	2,272	2,517	1,645	29.51	56
1987	10,744.00	5,524	6,119	5,055	31.15	162
1996	237,595.31	98,983	109,646	137,453	33.28	4,130
1999	1,054,180.00	398,676	441,623	654,724	33.88	19,325
2001	44,894.00	15,735	17,430	29,260	34.25	854
2008	74,141.34	17,672	19,576	57,531	35.28	1,631
2011	61,800,618.44	11,184,083	12,388,887	51,883,756	35.60	1,457,409
2012	17,304.68	2,773	3,072	14,925	35.69	418
2015	107,864.69	9,957	11,030	101,150	35.93	2,815
2017	1,695,191.19	70,414	77,999	1,684,999	36.06	46,728
2018	192,215.92	2,731	3,025	196,879	36.11	5,452
	65,238,751.57	11,808,820	13,080,924	54,767,378		1,538,980

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GASTON SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -17						
1908	62,586.68	65,745	72,827	399	7.66	52
1924	9,066.52	9,144	10,129	479	10.29	47
1927	8,759.21	8,771	9,716	532	10.72	50
1951	1,160.88	1,093	1,211	147	13.61	11
1952	607.95	571	633	79	13.72	6
1961	1,082.54	984	1,090	177	14.61	12
1978	5,702.29	4,718	5,226	1,445	16.04	90
1983	5,047.19	4,002	4,433	1,472	16.39	90
1984	20,860.22	16,382	18,147	6,260	16.45	381
1986	4,024.32	3,094	3,427	1,281	16.58	77
1988	11,309.07	8,497	9,412	3,819	16.69	229
1998	173,421.68	110,203	122,075	80,829	17.16	4,710
1999	99,514.92	61,763	68,416	48,016	17.19	2,793
2000	1,533.89	928	1,028	767	17.23	45
2002	9,422.57	5,380	5,960	5,065	17.28	293
2003	74,286.18	41,018	45,437	41,478	17.31	2,396
2008	91,078.13	40,089	44,408	62,154	17.41	3,570
2012	23,287.88	7,392	8,188	19,059	17.46	1,092
2014	12,722.53	3,049	3,377	11,508	17.47	659
2015	264,124.47	51,555	57,109	251,917	17.48	14,412
2016	270,275.14	39,569	43,832	272,390	17.48	15,583
2017	516,380.88	47,723	52,864	551,302	17.49	31,521
	1,666,255.14	531,670	588,944	1,360,575		78,119
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -23						
1978	2,934.00	2,053	2,274	1,335	28.65	47
1988	3,614.00	2,156	2,388	2,057	31.41	65
1991	37,013.00	20,739	22,973	22,553	32.15	701
1993	518,921.74	277,311	307,184	331,089	32.62	10,150
1995	787,401.00	399,110	442,104	526,399	33.07	15,918
1996	46,178.00	22,753	25,204	31,595	33.28	949
2000	389,588.00	167,924	186,014	293,180	34.07	8,605
2002	552,955.00	219,758	243,431	436,703	34.42	12,687

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LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -23						
2007	50,975.95	15,447	17,111	45,589	35.15	1,297
2013	78,973.40	12,943	14,337	82,800	35.78	2,314
2017	52,046.29	2,557	2,832	61,184	36.06	1,697
	2,520,600.38	1,142,751	1,265,854	1,834,484		54,430
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -24						
1923	59,057.03	61,503	68,128	5,102	12.01	425
1981	7,945.00	5,378	5,957	3,894	29.51	132
1990	2,269.00	1,310	1,451	1,362	31.91	43
1991	7,002.00	3,955	4,381	4,301	32.15	134
1996	113,475.15	56,365	62,437	78,272	33.28	2,352
2000	1,269,226.76	551,521	610,933	962,908	34.07	28,263
2002	1,895.00	759	841	1,509	34.42	44
2003	90,405.00	34,618	38,347	73,755	34.58	2,133
2005	179,672.00	62,068	68,754	154,039	34.88	4,416
2011	184,066.54	39,716	43,994	184,248	35.60	5,176
2015	92,342.72	10,163	11,258	103,247	35.93	2,874
2016	350,629.78	28,235	31,277	403,504	36.00	11,208
2017	8,376.94	415	460	9,928	36.06	275
2018	1,007,815.54	17,071	18,910	1,230,781	36.11	34,084
	3,374,178.46	873,077	967,129	3,216,852		91,559
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -19						
1956	581.92	548	607	85	14.12	6
1963	843.00	773	856	147	14.79	10
1981	10,497.00	8,621	9,550	2,942	16.25	181
1984	67,096.00	53,591	59,364	20,480	16.45	1,245
1985	24,781.00	19,588	21,698	7,791	16.52	472
1995	32,070.00	22,051	24,426	13,737	17.04	806
1998	368,766.00	238,343	264,018	174,813	17.16	10,187

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99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -19						
2002	9,423.00	5,472	6,061	5,152	17.28	298
2003	136,596.00	76,712	84,976	77,574	17.31	4,481
2005	159,366.00	82,892	91,821	97,824	17.36	5,635
2006	2,203.00	1,096	1,214	1,408	17.38	81
2017	695,286.82	65,356	72,396	754,995	17.49	43,167
	1,507,509.74	575,043	636,989	1,156,948		66,569
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -8						
1968	1,817.00	1,247	1,381	581	25.64	23
1969	5,129.00	3,487	3,863	1,677	25.95	65
1970	3,000.00	2,019	2,236	1,004	26.26	38
1976	1,230.00	775	858	470	28.06	17
1996	1,261,349.29	545,693	604,478	757,779	33.28	22,770
1997	867,263.30	363,914	403,117	533,528	33.49	15,931
1998	879,862.00	357,513	396,026	554,225	33.69	16,451
1999	82,082.00	32,236	35,709	52,940	33.88	1,563
2000	23,081.06	8,735	9,676	15,252	34.07	448
2003	286,871.00	95,676	105,983	203,838	34.58	5,895
2004	247,527.00	78,568	87,032	180,297	34.74	5,190
2007	32,352.19	8,608	9,535	25,405	35.15	723
2011	8,614.64	1,619	1,793	7,510	35.60	211
2012	32,404.12	5,392	5,973	29,024	35.69	813
2013	59,769.72	8,601	9,528	55,024	35.78	1,538
2015	217,552.03	20,855	23,102	211,855	35.93	5,896
2017	51,223.81	2,210	2,448	52,874	36.06	1,466
2018	52,698.30	777	861	56,053	36.11	1,552
	4,113,826.46	1,537,925	1,703,598	2,739,335		80,590

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RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1925	7,477.85	7,282	8,066	683	12.57	54
1941	5,173.00	4,650	5,151	901	17.30	52
1945	7,012.00	6,162	6,826	1,378	18.53	74
1958	666.00	538	596	183	22.55	8
1962	1,223.00	958	1,061	370	23.79	16
1992	59,039.00	30,745	34,057	35,019	32.39	1,081
1994	106,554.00	52,782	58,468	66,200	32.85	2,015
1999	1,775,016.00	755,196	836,549	1,240,219	33.88	36,606
2000	962,221.88	394,514	437,013	688,787	34.07	20,217
2001	83,351.00	32,865	36,405	61,115	34.25	1,784
2002	60,360.00	22,818	25,276	45,345	34.42	1,317
2006	454,153.00	139,609	154,648	376,711	35.02	10,757
2010	203,777.27	46,058	51,020	187,400	35.50	5,279
2011	190,730.49	38,831	43,014	180,141	35.60	5,060
2013	62,162.24	9,691	10,735	61,995	35.78	1,733
2014	24,272.22	3,166	3,507	24,891	35.86	694
	4,003,188.95	1,545,865	1,712,393	2,971,338		86,747
TUXEDO						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -19						
1920	26,876.37	27,486	30,447	1,536	10.53	146
1944	2,023.00	1,913	2,119	288	14.97	19
1963	1,009.00	879	974	227	17.93	13
1980	25,970.00	19,968	22,119	8,785	20.16	436
1986	18,758.00	13,466	14,917	7,405	20.81	356
1994	32,357.13	20,392	22,589	15,916	21.53	739
1998	16,579.00	9,526	10,552	9,177	21.82	421
2001	1,886.00	993	1,100	1,144	21.99	52
2002	12,268.00	6,238	6,910	7,689	22.05	349
2010	4,731.96	1,552	1,719	3,912	22.34	175
2013	57,745.60	13,541	15,000	53,718	22.41	2,397
2015	649,564.15	104,298	115,534	657,448	22.44	29,298
2016	173,707.72	20,713	22,944	183,768	22.45	8,186
	1,023,475.93	240,965	266,923	951,013		42,587

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WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -16						
1919	112,749.25	111,782	123,824	6,965	10.90	639
1981	3,419.00	2,165	2,398	1,568	29.51	53
1984	2,255,861.00	1,363,535	1,510,421	1,106,377	30.35	36,454
1986	3,914.00	2,286	2,532	2,008	30.89	65
1987	3,397.00	1,948	2,158	1,783	31.15	57
1988	5,570.00	3,134	3,472	2,990	31.41	95
1992	135,210.00	69,810	77,330	79,513	32.39	2,455
1994	871,053.19	427,792	473,876	536,546	32.85	16,333
1995	355,387.00	169,884	188,185	224,064	33.07	6,775
1996	1,370,663.00	636,910	705,521	884,448	33.28	26,576
1997	114,630.00	51,663	57,228	75,742	33.49	2,262
1998	12,927.00	5,642	6,250	8,746	33.69	260
1999	527,164.00	222,370	246,325	365,185	33.88	10,779
2001	195,799.00	76,544	84,790	142,337	34.25	4,156
2002	666,584.00	249,841	276,755	496,482	34.42	14,424
2006	72,761.00	22,176	24,565	59,838	35.02	1,709
2007	73,980.66	21,142	23,420	62,398	35.15	1,775
2008	278,559.99	74,058	82,036	241,094	35.28	6,834
2009	716,983.48	176,013	194,974	636,727	35.39	17,992
2010	27,758.74	6,220	6,890	25,310	35.50	713
2013	58,856.16	9,097	10,077	58,196	35.78	1,626
2014	26,793.26	3,465	3,838	27,242	35.86	760
2015	170,386.69	17,543	19,433	178,216	35.93	4,960
2016	832,716.03	62,729	69,486	896,464	36.00	24,902
2017	162,955.96	7,550	8,363	180,666	36.06	5,010
2018	4,916.86	78	86	5,617	36.11	156
	9,060,996.27	3,795,377	4,204,233	6,306,523		187,820
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -15						
1925	90,264.62	86,403	95,711	8,094	12.57	644
1980	175,990.00	112,071	124,144	78,245	29.23	2,677
1981	37,704.00	23,671	26,221	17,139	29.51	581
1984	181,598.00	108,819	120,542	88,296	30.35	2,909
1985	17,791.00	10,484	11,613	8,846	30.62	289
1987	5,338.00	3,035	3,362	2,777	31.15	89

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WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -15						
1989	25,395.00	13,886	15,382	13,822	31.66	437
1991	34,099.00	17,864	19,788	19,425	32.15	604
1992	303,728.00	155,464	172,211	177,076	32.39	5,467
1993	43,420.00	21,694	24,031	25,902	32.62	794
1995	752,315.87	356,525	394,932	470,232	33.07	14,219
1997	1,528,989.00	683,167	756,761	1,001,576	33.49	29,907
1998	443,808.00	192,020	212,705	297,674	33.69	8,836
2000	125,359.00	50,519	55,961	88,202	34.07	2,589
2001	163,924.00	63,531	70,375	118,138	34.25	3,449
2002	350,510.00	130,241	144,271	258,815	34.42	7,519
2003	149,525.00	53,101	58,821	113,132	34.58	3,272
2004	438,126.00	148,080	164,032	339,813	34.74	9,782
2005	392,607.00	125,783	139,333	312,165	34.88	8,950
2006	7,725.00	2,334	2,585	6,298	35.02	180
2008	110,495.91	29,123	32,260	94,810	35.28	2,687
2009	808,220.32	196,700	217,889	711,564	35.39	20,106
2011	140,811.20	28,178	31,213	130,719	35.60	3,672
2012	75,881.26	13,444	14,892	72,371	35.69	2,028
2013	72,453.91	11,102	12,298	71,024	35.78	1,985
2018	163,061.51	2,562	2,838	184,683	36.11	5,114
	6,639,140.60	2,639,801	2,924,173	4,710,839		138,786
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -108						
1907	233,541.31	435,052	481,918	3,848	7.83	491
1974	14,609.24	18,149	20,104	10,283	27.47	374
1980	28,849.00	33,228	36,807	23,198	29.23	794
2002	2,731.00	1,835	2,033	3,648	34.42	106
2006	28,851.00	15,767	17,466	42,545	35.02	1,215
2011	69,551.98	25,174	27,886	116,782	35.60	3,280
2014	8,714.37	2,021	2,239	15,887	35.86	443
2015	34,379.01	6,347	7,031	64,478	35.93	1,795
2017	15,031.61	1,249	1,384	29,882	36.06	829
2018	35,062.42	996	1,103	71,827	36.11	1,989
	471,320.94	539,818	597,970	382,378		11,316

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DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -25						
1994	994,625.35	526,381	583,085	660,196	32.85	20,097
1996	706,078.00	353,551	391,637	490,960	33.28	14,752
1997	122,257.00	59,376	65,772	87,049	33.49	2,599
1999	98,094.00	44,589	49,392	73,225	33.88	2,161
2001	101,366.00	42,702	47,302	79,405	34.25	2,318
2006	89,692.00	29,457	32,630	79,485	35.02	2,270
2012	25,030.88	4,820	5,339	25,949	35.69	727
	2,137,143.23	1,060,876	1,175,159	1,496,270		44,924
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -11						
1954	74,222.78	62,976	69,760	12,627	16.58	762
1955	1,527.00	1,290	1,429	266	16.74	16
1963	350.00	284	315	74	17.93	4
1972	804.00	617	683	209	19.17	11
1975	108.00	81	90	30	19.55	2
1977	493.00	364	403	144	19.80	7
1989	2,860.00	1,836	2,034	1,141	21.10	54
1991	8,201.00	5,097	5,646	3,457	21.28	162
1993	1,270.00	761	843	567	21.45	26
1994	3,887.00	2,285	2,531	1,783	21.53	83
2009	3,514.34	1,164	1,289	2,612	22.32	117
2013	13,950.45	3,051	3,380	12,105	22.41	540
2016	811,766.43	90,286	100,012	801,049	22.45	35,681
2017	80,872.33	5,619	6,224	83,544	22.46	3,720
	1,003,826.33	175,711	194,639	919,608		41,185
NPL BRYSON						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -29						
1942	15,697.00	16,202	17,948	2,302	14.63	157
1943	83.00	85	94	13	14.80	1

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NPL BRYSON						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -29						
1961	242.00	231	256	56	17.64	3
1972	804.00	718	795	242	19.17	13
1979	77.00	65	72	27	20.04	1
1982	154.00	126	140	59	20.38	3
1993	1,041.00	725	803	540	21.45	25
1996	827.00	541	599	468	21.68	22
	18,925.00	18,693	20,707	3,706		225
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -24						
1952	66,917.00	63,955	70,845	12,132	16.27	746
1955	34.00	32	35	7	16.74	
1957	923.00	863	956	189	17.04	11
1971	638.00	551	610	181	19.03	10
1977	493.00	406	450	162	19.80	8
1994	82.00	54	60	42	21.53	2
2000	26,494.00	14,994	16,609	16,243	21.94	740
2008	3,513.93	1,394	1,544	2,813	22.29	126
2013	9,546.07	2,333	2,584	9,253	22.41	413
2014	531,686.35	110,207	122,079	537,212	22.42	23,961
2015	682,111.78	114,126	126,420	719,398	22.44	32,059
2016	80,683.72	10,025	11,105	88,943	22.45	3,962
2018	146,389.30	3,952	4,378	177,145	22.47	7,884
	1,549,512.15	322,892	357,676	1,563,719		69,922
NPL FRANKLIN						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -22						
1939	28.00	28	31	3	14.12	
1941	1,000.00	979	1,084	136	14.46	9
1943	1,068.00	1,039	1,151	152	14.80	10
1968	257.00	223	247	67	18.63	4
1972	53.00	45	50	15	19.17	1

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NPL FRANKLIN						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -22						
1979	2,925.00	2,329	2,580	989	20.04	49
1993	2,453.00	1,616	1,790	1,203	21.45	56
1994	3,628.00	2,344	2,597	1,830	21.53	85
2010	16,908.70	5,686	6,299	14,330	22.34	641
2012	3,069.59	843	934	2,811	22.39	126
2014	581,929.69	118,676	131,460	578,494	22.42	25,803
2015	328,810.10	54,127	59,958	341,191	22.44	15,205
	942,130.08	187,935	208,180	941,219		41,989
NPL MISSION						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -34						
1929	39,228.58	43,894	48,623	3,944	12.30	321
1941	717.00	771	854	107	14.46	7
1958	47.00	47	52	11	17.19	1
1961	169.00	168	186	40	17.64	2
1972	852.00	790	875	267	19.17	14
1979	76.00	66	73	29	20.04	1
1981	1,521.00	1,304	1,444	594	20.27	29
1993	1,021.00	739	819	550	21.45	26
1994	3,451.00	2,449	2,713	1,912	21.53	89
1996	827.00	562	623	486	21.68	22
2001	10,348.00	6,133	6,794	7,073	21.99	322
2011	36,160.66	12,167	13,478	34,978	22.37	1,564
2013	8,479.57	2,239	2,480	8,882	22.41	396
2014	223,168.48	49,988	55,373	243,673	22.42	10,869
	326,066.29	121,317	134,386	302,543		13,663
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -11						
1942	346,831.86	306,466	339,480	45,504	14.96	3,042
1943	6,397.00	5,632	6,239	862	15.14	57
1948	146.00	126	140	22	16.03	1

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NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -11						
1950	1,563.00	1,339	1,483	252	16.37	15
1955	4,397.03	3,687	4,084	797	17.21	46
1965	2,561.00	2,039	2,259	584	18.80	31
1966	1,383.00	1,094	1,212	323	18.95	17
1968	1,888.00	1,475	1,634	462	19.25	24
1981	4,673.00	3,272	3,624	1,563	21.03	74
1982	3,368.00	2,332	2,583	1,155	21.16	55
1984	2,762.00	1,868	2,069	997	21.39	47
1985	3,933.00	2,627	2,910	1,456	21.51	68
1986	3,277.00	2,160	2,393	1,245	21.62	58
1992	20,217.00	12,123	13,429	9,012	22.23	405
1994	3,451.00	1,990	2,204	1,626	22.41	73
2000	2,846.00	1,410	1,562	1,597	22.86	70
2001	10,983.00	5,268	5,835	6,356	22.92	277
2004	9,100.00	3,891	4,310	5,791	23.09	251
2006	59,510.00	23,118	25,608	40,448	23.18	1,745
2008	8,652.05	2,988	3,310	6,294	23.25	271
2010	38,404.67	11,378	12,604	30,025	23.32	1,288
2011	9,305.61	2,512	2,783	7,547	23.34	323
2012	22,328.31	5,393	5,974	18,810	23.37	805
2013	11,187.88	2,364	2,619	9,800	23.39	419
2014	29,849.66	5,342	5,917	27,216	23.41	1,163
2015	366,112.69	52,834	58,526	347,860	23.42	14,853
2016	710,245.35	75,983	84,168	704,204	23.44	30,043
2017	488,570.78	32,604	36,116	506,197	23.45	21,586
	2,173,943.89	573,315	635,075	1,778,003		77,107
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2032						
NET SALVAGE PERCENT.. -79						
1949	10,354.00	15,565	17,242	1,292	11.05	117
1950	403.00	604	669	52	11.12	5
1961	31.00	45	50	6	11.81	1

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DUKE ENERGY CAROLINAS

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)
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2032						
NET SALVAGE PERCENT.. -79						
2001	3,750.00	3,800	4,209	2,503	13.38	187
2002	19,924.00	19,665	21,783	13,881	13.40	1,036
2015	77,751.15	28,670	31,759	107,416	13.49	7,963
	112,213.15	68,349	75,712	125,150		9,309
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -20						
1955	103,647.00	94,654	104,851	19,526	16.74	1,166
1956	957.00	870	964	185	16.89	11
1972	804.00	667	739	226	19.17	12
1986	438.00	317	351	174	20.81	8
1993	613.00	397	440	296	21.45	14
2006	46,231.00	19,963	22,114	33,364	22.22	1,502
2009	7,027.68	2,516	2,787	5,646	22.32	253
2013	8,238.53	1,948	2,158	7,728	22.41	345
2014	96,781.16	19,414	21,505	94,632	22.42	4,221
2015	91,140.60	14,757	16,347	93,022	22.44	4,145
	355,877.97	155,503	172,255	254,799		11,677
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -18						
1941	545,435.49	516,732	572,397	71,217	14.46	4,925
1942	5,101.16	4,816	5,335	685	14.63	47
1947	11,500.66	10,665	11,814	1,757	15.47	114
1949	103.97	96	106	16	15.79	1
1951	1,382.66	1,263	1,399	232	16.11	14
1953	1,535.65	1,391	1,541	271	16.43	16
1955	10,532.89	9,459	10,478	1,951	16.74	117
1956	1,811.65	1,620	1,795	343	16.89	20
1964	328.96	283	313	75	18.07	4
1965	487.94	417	462	114	18.21	6
1968	1,051.90	882	977	264	18.63	14

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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)
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -18						
1970	3,965.68	3,284	3,638	1,042	18.90	55
1975	54.00	43	48	16	19.55	1
1977	649.97	510	565	202	19.80	10
1979	14,175.92	10,916	12,092	4,636	20.04	231
1981	1,539.95	1,162	1,287	530	20.27	26
1987	16,385.65	11,509	12,749	6,586	20.91	315
1988	13,538.77	9,375	10,385	5,591	21.01	266
1989	3,339.95	2,279	2,525	1,417	21.10	67
1992	8,293.90	5,384	5,964	3,823	21.37	179
2002	140,186.70	70,679	78,293	87,127	22.05	3,951
2003	172,183.66	83,682	92,697	110,480	22.09	5,001
2006	5,369.40	2,280	2,526	3,810	22.22	171
2009	3,514.34	1,237	1,370	2,777	22.32	124
2012	26,930.00	7,150	7,920	23,857	22.39	1,066
2013	348,407.62	81,016	89,743	321,378	22.41	14,341
2015	1,497,131.48	238,369	264,047	1,502,568	22.44	66,959
2016	41,851.02	4,948	5,481	43,903	22.45	1,956
2017	11,253.00	831	921	12,358	22.46	550
2018	182,628.73	4,691	5,196	210,306	22.47	9,359
	3,070,672.67	1,086,969	1,204,062	2,419,332		109,906
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -33						
1951	67,524.28	69,501	76,988	12,819	16.11	796
1955	157.00	159	176	33	16.74	2
1972	805.00	741	821	250	19.17	13
1977	493.00	436	483	173	19.80	9
1993	865.00	621	688	463	21.45	22
1996	10,196.00	6,879	7,620	5,941	21.68	274
2009	3,514.34	1,394	1,544	3,130	22.32	140
2013	1,088,690.47	285,335	316,073	1,131,886	22.41	50,508
2014	1,103,572.85	245,349	271,779	1,195,973	22.42	53,344

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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)
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -33						
2015	6,324.75	1,135	1,257	7,155	22.44	319
2016	89,666.53	11,949	13,236	106,020	22.45	4,722
2018	2,257.70	65	72	2,931	22.47	130
	2,374,066.92	623,564	690,737	2,466,772		110,279
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -25						
2007	27,830.67	11,516	12,757	22,031	23.22	949
	27,830.67	11,516	12,757	22,031		949
	408,599,839.71	159,156,385	176,301,486	263,124,292		8,139,189

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 32.3 1.99

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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)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -11						
1963	15,725,495.09	11,006,614	13,658,101	3,797,198	31.14	121,940
1979	76,357.90	45,260	56,163	28,594	34.00	841
1990	58,779.66	29,086	36,093	29,153	35.27	827
1998	2,033.47	820	1,018	1,240	35.85	35
1999	35,952.02	14,037	17,419	22,488	35.90	626
2000	4,382,132.40	1,651,190	2,048,961	2,815,206	35.96	78,287
2001	168,005.91	60,977	75,666	110,820	36.00	3,078
2002	3,246.58	1,131	1,403	2,200	36.05	61
2012	35,292.78	5,942	7,373	31,802	36.35	875
2013	138,510.69	20,196	25,061	128,686	36.37	3,538
2014	100,890.66	12,328	15,298	96,691	36.38	2,658
2015	2,647,315.27	257,767	319,863	2,618,657	36.40	71,941
2016	6,400,156.79	456,443	566,400	6,537,774	36.41	179,560
2017	3,071,838.04	134,889	167,384	3,242,357	36.42	89,027
2018	3,791,443.98	56,983	70,710	4,137,793	36.43	113,582
	36,637,451.24	13,753,663	17,066,913	23,600,658		666,876
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -6						
1991	450,015,838.64	199,746,010	247,864,716	229,152,073	38.02	6,027,146
1995	713,230.00	286,639	355,690	400,334	38.40	10,425
1998	128,354.00	47,116	58,466	77,589	38.64	2,008
1999	3,994,634.00	1,417,013	1,758,371	2,475,941	38.71	63,961
2002	31,099.00	9,816	12,181	20,784	38.89	534
2008	15,522.56	3,479	4,317	12,137	39.16	310
2010	27,219.00	5,138	6,376	22,476	39.23	573
2012	10,447.54	1,572	1,951	9,124	39.28	232
2014	23,783.80	2,588	3,211	21,999	39.33	559
2015	8,353.38	723	897	7,957	39.35	202
2017	300,485.25	11,686	14,501	304,013	39.38	7,720
2018	35,792.90	475	589	37,351	39.40	948
	455,304,760.07	201,532,255	250,081,266	232,541,780		6,114,618

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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)
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
1973	48,654,428.00	32,360,644	40,156,305	10,930,844	25.85	422,857
1975	378,987.00	247,489	307,109	90,827	26.03	3,489
1998	37,444.93	16,870	20,934	18,383	27.25	675
1999	14,379.00	6,290	7,805	7,293	27.28	267
2000	132,335.00	56,091	69,603	69,348	27.30	2,540
2001	17,926.00	7,347	9,117	9,705	27.32	355
2003	77,726.00	29,502	36,609	45,003	27.36	1,645
2005	16,770.00	5,811	7,211	10,398	27.39	380
2010	138,006.16	34,272	42,528	102,378	27.44	3,731
2011	8,000.00	1,803	2,237	6,163	27.45	225
2012	15,607.20	3,137	3,893	12,495	27.46	455
2014	77,720.55	11,487	14,254	67,352	27.47	2,452
2016	5,014.49	439	545	4,720	27.48	172
2017	127,237.67	6,915	8,581	125,019	27.48	4,549
2018	2,672,394.90	50,115	62,188	2,743,827	27.49	99,812
	52,373,976.90	32,838,212	40,748,919	14,243,757		543,604
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
1971	16,761,073.00	11,340,877	14,072,888	3,526,239	25.66	137,422
1973	8,415.00	5,597	6,945	1,890	25.85	73
1974	28,379.00	18,707	23,214	6,584	25.94	254
1980	31,901.00	19,782	24,547	8,949	26.42	339
2004	268,894.00	97,777	121,331	161,007	27.37	5,883
2005	98,318.00	34,066	42,272	60,961	27.39	2,226
2008	69,044.08	20,074	24,910	47,586	27.42	1,735
2011	173,990.26	39,203	48,647	134,043	27.45	4,883
	17,440,014.34	11,576,083	14,364,755	3,947,260		152,815

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ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

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)
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1916	464,156.00	435,965	540,989	2,074	19.53	106
1926	1,277,000.00	1,157,860	1,436,788	57,302	22.02	2,602
1938	101,032.00	87,070	108,045	10,162	25.10	405
1947	8,700.00	7,157	8,881	1,298	27.40	47
1951	492.00	395	490	85	28.39	3
1985	1,232,269.00	704,759	874,535	567,220	34.76	16,318
1999	1,591,861.55	655,127	812,947	1,049,531	35.90	29,235
2004	5,406,218.00	1,810,610	2,246,785	4,078,490	36.13	112,884
2007	5,054,557.00	1,424,879	1,768,131	4,145,700	36.23	114,427
2011	27,528.50	5,511	6,839	25,370	36.33	698
2012	57,435.22	10,193	12,648	54,551	36.35	1,501
2014	61,880.00	7,970	9,890	62,510	36.38	1,718
	15,283,129.27	6,307,496	7,826,968	10,054,293		279,944
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1909	585,086.00	561,729	684,551			
1927	870,562.34	786,255	978,832	39,726	22.28	1,783
1987	349,841.00	193,294	240,637	168,676	34.98	4,822
1998	604,209.00	256,939	319,871	387,053	35.85	10,796
2000	931,881.00	370,113	460,765	629,536	35.96	17,507
2002	2,770,109.00	1,017,229	1,266,379	1,974,649	36.05	54,775
2012	12,019.63	2,133	2,655	11,408	36.35	314
2013	385,373.54	59,229	73,736	377,151	36.37	10,370
2014	2,579,656.90	332,243	413,619	2,604,579	36.38	71,594
2015	282,320.61	28,975	36,072	294,243	36.40	8,084
2016	211,588.32	15,906	19,802	227,756	36.41	6,255
2018	2,446,409.66	38,756	48,249	2,814,051	36.43	77,245
	12,029,057.00	3,662,801	4,545,168	9,528,829		263,545

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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)
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -4						
1919	3,962,992.92	3,275,490	4,064,554	56,959	20.27	2,810
1927	433,468.00	347,991	431,822	18,985	22.28	852
1942	391,375.00	293,981	364,801	42,229	26.13	1,616
1954	11,199.00	7,847	9,737	1,910	29.11	66
1966	22,523.00	14,395	17,863	5,561	31.76	175
1974	18,334.00	10,819	13,425	5,642	33.23	170
1976	28,354.00	16,351	20,290	9,198	33.55	274
2008	26,706,815.00	6,236,896	7,739,361	20,035,727	36.26	552,557
2009	57,909,351.21	12,484,793	15,492,373	44,733,352	36.29	1,232,663
2011	14,089,701.44	2,507,471	3,111,519	11,541,770	36.33	317,693
2012	1,825,349.03	287,963	357,333	1,541,030	36.35	42,394
	105,399,462.60	25,483,997	31,623,078	77,992,363		2,151,270
GASTON SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -17						
1908	556,230.73	567,782	650,790			
1917	305,634.00	308,069	357,592			
1924	98,337.00	98,032	115,054			
1927	43,647.00	43,286	51,067			
1947	4,729.00	4,483	5,533			
1951	208.00	195	243			
1983	179,720.00	141,316	180,197	30,075	17.23	1,746
1985	435,654.00	335,816	428,212	81,504	17.27	4,719
1986	297,442.00	226,841	289,253	58,754	17.29	3,398
1988	137,122.00	102,217	130,341	30,092	17.32	1,737
2006	282,557.00	137,837	175,761	154,831	17.48	8,858
2008	3,599,745.00	1,579,936	2,014,636	2,197,066	17.49	125,618
2017	415,531.24	38,383	48,944	437,228	17.50	24,984
	6,356,556.97	3,584,193	4,447,623	2,989,549		171,060

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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)
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -23						
1915	1,095,073.31	1,084,785	1,346,109	831	19.29	43
1981	219,813.00	140,490	174,334	96,036	34.27	2,802
1982	12,217.00	7,697	9,551	5,476	34.40	159
1995	1,160,004.12	566,042	702,401	724,404	35.66	20,314
1996	579,437.00	275,012	341,262	371,445	35.73	10,396
2000	2,289,115.00	955,787	1,186,036	1,629,576	35.96	45,316
2002	12,059.00	4,655	5,776	9,056	36.05	251
2017	250,372.36	12,183	15,118	292,840	36.42	8,041
	5,618,090.79	3,046,651	3,780,588	3,129,664		87,322
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -24						
1923	2,640,624.00	2,565,734	3,183,818	90,555	21.27	4,257
1982	6,235.00	3,960	4,914	2,817	34.40	82
1998	274,163.00	123,563	153,329	186,633	35.85	5,206
2000	175,224.00	73,757	91,525	125,753	35.96	3,497
2002	1,712,416.00	666,449	826,996	1,296,400	36.05	35,961
2003	559,969.00	208,524	258,757	435,604	36.09	12,070
2004	163,059.00	57,878	71,821	130,372	36.13	3,608
	5,531,690.00	3,699,865	4,591,161	2,268,135		64,681
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -19						
1910	981,352.31	1,016,041	1,167,809			
1935	74,655.00	74,143	88,839			
1954	15,012.00	14,163	17,814	50	16.07	3
1955	2,523.00	2,372	2,983	19	16.13	1
1958	2,894.00	2,691	3,385	59	16.30	4
1959	43,674.00	40,450	50,878	1,094	16.35	67
1961	4,393.00	4,036	5,076	151	16.45	9
1984	164,405.00	130,213	163,781	31,861	17.25	1,847
1990	898,228.97	663,793	834,916	233,977	17.35	13,486

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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)
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -19						
2004	260,283.00	140,481	176,696	133,040	17.47	7,615
2005	5,372,398.00	2,784,730	3,502,620	2,890,534	17.48	165,362
2006	3,846,518.00	1,908,483	2,400,481	2,176,876	17.48	124,535
	11,666,336.28	6,781,596	8,415,279	5,467,661		312,929
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -8						
1928	1,766,772.71	1,467,283	1,820,751	87,364	22.53	3,878
1974	4,355.00	2,669	3,312	1,391	33.23	42
1998	1,553,687.18	609,879	756,799	921,184	35.85	25,696
1999	1,012,415.29	384,606	477,257	616,151	35.90	17,163
2003	9,883.00	3,205	3,977	6,697	36.09	186
2004	12,885,495.00	3,983,551	4,943,186	8,973,148	36.13	248,357
2013	258,797.62	36,715	45,560	233,942	36.37	6,432
2015	30,000.00	2,842	3,527	28,873	36.40	793
2016	979,326.34	67,955	84,325	973,347	36.41	26,733
2017	8,166,823.71	348,926	432,982	8,387,188	36.42	230,291
2018	3,958,800.82	57,890	71,836	4,203,669	36.43	115,390
	30,626,356.67	6,965,521	8,643,511	24,432,954		674,961
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1925	1,126,990.00	1,025,669	1,272,752	45,826	21.77	2,105
1941	4,856.00	4,124	5,117	564	25.87	22
1948	182.00	149	185	28	27.65	1
1969	8,840.00	6,183	7,672	2,670	32.34	83
1974	2,905.00	1,929	2,394	1,005	33.23	30
1982	5,935.00	3,557	4,414	2,530	34.40	74
1999	33,119.00	13,630	16,913	21,836	35.90	608
2000	1,178,870.00	468,210	581,002	798,276	35.96	22,199

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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)
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
2001	4,995,219.00	1,911,004	2,371,364	3,473,042	36.00	96,473
2013	69,192.96	10,634	13,196	67,760	36.37	1,863
2016	120,427.94	9,053	11,234	129,667	36.41	3,561
	7,546,536.90	3,454,142	4,286,243	4,543,205		127,019
TUXEDO						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -19						
1944	33,254.26	30,964	38,423	1,149	18.96	61
1986	323,949.00	229,075	284,259	101,240	22.09	4,583
1992	5,538,214.00	3,578,101	4,440,064	2,150,411	22.26	96,604
2010	19,173.49	6,262	7,771	15,046	22.47	670
2012	447,370.69	119,406	148,171	384,200	22.48	17,091
2016	69,796.42	8,309	10,311	72,747	22.49	3,235
	6,431,757.86	3,972,117	4,928,998	2,724,794		122,244
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -16						
1919	2,490,958.00	2,296,381	2,849,578	39,933	20.27	1,970
1987	2,034,196.00	1,114,329	1,382,770	976,897	34.98	27,927
1988	820,098.00	441,115	547,379	403,934	35.08	11,515
1990	850,554.00	439,835	545,791	440,852	35.27	12,499
1993	27,123.00	13,129	16,292	15,171	35.51	427
1996	117,315.00	52,511	65,161	70,925	35.73	1,985
1997	215,565.00	93,733	116,313	133,742	35.79	3,737
1999	79,749.00	32,540	40,379	52,130	35.90	1,452
2001	5,153.00	1,955	2,426	3,552	36.00	99
2002	6,658,067.00	2,424,053	3,008,006	4,715,352	36.05	130,800
2016	328,354.75	24,472	30,367	350,524	36.41	9,627
2017	1,234,589.87	56,655	70,303	1,361,821	36.42	37,392
	14,861,722.62	6,990,708	8,674,766	8,564,832		239,430

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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)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -15						
1925	3,056,520.00	2,734,176	3,392,837	122,161	21.77	5,611
1998	1,040,383.00	434,858	539,615	656,825	35.85	18,321
1999	2,323,111.04	939,727	1,166,107	1,505,471	35.90	41,935
2000	252,559.00	98,594	122,345	168,098	35.96	4,675
2001	52,611.00	19,783	24,549	35,954	36.00	999
2002	164,946.00	59,535	73,877	115,811	36.05	3,213
2005	6,975,803.00	2,179,223	2,704,197	5,317,977	36.17	147,027
2015	698,828.50	70,496	87,478	716,174	36.40	19,675
2017	2,766,687.69	125,868	156,190	3,025,501	36.42	83,073
2018	4,186,639.47	65,190	80,894	4,733,741	36.43	129,941
	21,518,088.70	6,727,450	8,348,089	16,397,713		454,470
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -108						
1907	853,426.00	1,465,136	1,775,126			
1985	1,202,700.00	1,222,840	1,545,741	955,875	34.76	27,499
1993	218,245.00	189,433	239,454	214,495	35.51	6,040
1997	157,091.00	122,482	154,824	171,925	35.79	4,804
1999	437,735.00	320,264	404,832	505,656	35.90	14,085
	2,869,197.00	3,320,155	4,119,978	1,847,952		52,428
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -25						
1923	425,226.00	416,498	516,832	14,700	21.27	691
1997	842,162.84	394,606	489,666	563,037	35.79	15,732
2011	10,812.37	2,313	2,870	10,645	36.33	293
2016	228,004.44	18,312	22,723	262,282	36.41	7,204
	1,506,205.65	831,729	1,032,092	850,665		23,920

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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)
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -11						
1954	1,853,442.34	1,549,595	1,922,892	134,429	20.01	6,718
1955	4,733.00	3,940	4,889	364	20.10	18
1956	925.00	767	952	75	20.20	4
1958	747.00	613	761	68	20.38	3
1959	107.00	87	108	11	20.47	1
1967	121.00	95	118	16	21.11	1
1987	199.00	130	161	60	22.12	3
1989	510,732.00	323,134	400,977	165,936	22.18	7,481
2017	1,032,822.38	71,686	88,955	1,057,478	22.49	47,020
2018	315,444.10	7,616	9,451	340,692	22.49	15,149
	3,719,272.82	1,957,663	2,429,263	1,699,130		76,398
NPL BRYSON						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -29						
1942	88,628.71	90,045	111,737	2,594	18.74	138
1943	69.00	70	87	2	18.85	
1952	980.00	960	1,191	73	19.81	4
1953	396.00	386	479	32	19.91	2
1955	16,679.00	16,137	20,024	1,492	20.10	74
1956	3,164.00	3,047	3,781	301	20.20	15
1970	1,363.00	1,214	1,506	252	21.31	12
1977	5,679.00	4,790	5,944	1,382	21.72	64
1988	10,555.00	7,876	9,773	3,843	22.15	173
1995	1,622.00	1,072	1,330	762	22.32	34
2006	37,150.00	17,140	21,269	26,654	22.45	1,187
2014	482,372.77	103,750	128,743	493,518	22.49	21,944
2015	593,572.30	103,118	127,959	637,749	22.49	28,357
2016	1,596,276.79	206,002	255,628	1,803,569	22.49	80,194
	2,838,507.57	555,607	689,452	2,972,223		132,198

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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)
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -24						
1952	1,064,809.00	1,002,935	1,244,541	75,822	19.81	3,827
1953	138.00	129	160	11	19.91	1
1954	2,944.00	2,750	3,412	238	20.01	12
1955	617.00	574	712	53	20.10	3
1958	963.00	883	1,096	98	20.38	5
1959	107.00	98	122	11	20.47	1
1962	194.00	174	216	25	20.72	1
1964	50.00	44	55	7	20.88	
1995	1,042,333.00	662,338	821,895	470,598	22.32	21,084
	2,112,155.00	1,669,925	2,072,209	546,863		24,934
NPL FRANKLIN						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -22						
1943	417.97	400	496	14	18.85	1
1947	730.00	690	856	34	19.29	2
1952	425.06	394	489	30	19.81	2
1953	387.33	357	443	30	19.91	2
1965	1,610.29	1,400	1,737	227	20.96	11
2000	18,027.55	9,942	12,337	9,657	22.40	431
2010	83,679.99	28,020	34,770	67,320	22.47	2,996
2015	5,026,819.06	825,893	1,024,850	5,107,869	22.49	227,117
2016	328,524.78	40,096	49,755	351,045	22.49	15,609
	5,460,622.03	907,192	1,125,734	5,536,225		246,171
NPL MISSION						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -34						
1929	44,790.71	49,021	60,020			
1930	1,767.00	1,929	2,368			
1938	126.00	135	168	1	18.27	
1941	662.00	701	871	17	18.62	1
1943	15,379.00	16,178	20,090	518	18.85	27
1944	418.00	438	544	16	18.96	1

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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)
NPL MISSION						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -34						
1947	100.00	104	129	5	19.29	
1948	1,406.00	1,453	1,804	80	19.40	4
1952	435.00	443	550	33	19.81	2
1953	440.00	446	554	36	19.91	2
1990	39,239.00	29,510	36,646	15,935	22.21	717
1997	12,669.00	8,320	10,332	6,645	22.35	297
1999	1,209,392.00	754,366	936,775	683,811	22.38	30,555
2008	50,196.59	21,407	26,583	40,680	22.47	1,810
2012	107,258.81	32,236	40,031	103,696	22.48	4,613
2015	327,422.92	59,086	73,373	365,373	22.49	16,246
	1,811,702.03	975,773	1,210,836	1,216,845		54,275
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -11						
1942	6,828,771.83	5,924,175	7,351,306	228,631	19.38	11,797
1949	836,355.00	707,443	877,866	50,488	20.20	2,499
1950	3,935.00	3,315	4,114	254	20.32	12
1955	271,757.00	224,042	278,014	23,637	20.86	1,133
1958	2,205.00	1,792	2,224	224	21.16	11
1962	18.00	14	17	3	21.53	
1972	429.00	320	397	79	22.32	4
1974	2,285.00	1,677	2,081	455	22.45	20
1975	294,174.00	214,160	265,751	60,782	22.51	2,700
1977	1,253.00	896	1,112	279	22.63	12
1981	1,500.00	1,032	1,281	384	22.83	17
1986	38,997.00	25,278	31,367	11,919	23.04	517
1988	27,257.00	17,184	21,324	8,932	23.11	386
1994	30,923.00	17,590	21,827	12,497	23.27	537
1999	1,655,709.00	835,499	1,036,770	801,067	23.37	34,278
2000	66,959.00	32,822	40,729	33,596	23.38	1,437
2010	8,766.16	2,587	3,210	6,520	23.47	278
2011	52,232.26	14,040	17,422	40,556	23.47	1,728

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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)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -11						
2014	705,297.90	125,864	156,185	626,696	23.49	26,679
2017	116,169.87	7,739	9,603	119,345	23.49	5,081
2018	2,581,224.45	59,710	74,094	2,791,065	23.49	118,819
	13,526,218.47	8,217,179	10,196,693	4,817,410		207,945
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2032						
NET SALVAGE PERCENT.. -79						
1949	328,155.16	493,614	587,398			
1952	5,516.00	8,237	9,874			
1972	5,373.00	7,473	9,618			
2002	79,688.00	78,506	107,020	35,622	13.48	2,643
2015	344,531.53	126,969	173,085	443,626	13.50	32,861
	763,263.69	714,799	886,994	479,248		35,504
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -20						
1955	3,353,326.00	3,017,993	3,745,026	278,965	20.10	13,879
1956	115.00	103	128	10	20.20	
1958	852.00	756	938	84	20.38	4
1967	687.00	580	720	105	21.11	5
1987	916.00	645	800	299	22.12	14
1988	195,024.00	135,367	167,977	66,052	22.15	2,982
1989	48,761.00	33,352	41,386	17,127	22.18	772
2013	1,290,813.24	304,374	377,698	1,171,278	22.49	52,080
	4,890,494.24	3,493,170	4,334,673	1,533,920		69,736

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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)
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -18						
1941	4,823,290.00	4,497,011	5,580,339	111,143	18.62	5,969
1942	58,486.00	54,354	67,448	1,566	18.74	84
2001	15,377.00	7,954	9,870	8,275	22.41	369
	4,897,153.00	4,559,319	5,657,657	120,984		6,422
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -33						
1950	347,352.00	353,704	438,911	23,067	19.61	1,176
1951	288,587.00	292,717	363,232	20,588	19.71	1,045
1954	1,542.00	1,545	1,917	134	20.01	7
1957	319.00	315	391	33	20.29	2
1993	185.00	131	163	83	22.28	4
	637,985.00	648,412	804,614	43,906		2,234
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -25						
1998	322,422.00	188,319	233,685	169,343	23.35	7,252
2002	2,146.00	1,109	1,376	1,306	23.41	56
	324,568.00	189,428	235,061	170,649		7,308
	849,982,332.71	368,417,101	457,168,581	464,263,467		13,366,261

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 34.7 1.57

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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)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -11						
1963	8,876,647.35	6,384,302	7,042,725	2,810,354	22.26	126,251
1976	160,582.00	102,354	112,910	65,336	25.64	2,548
1990	15,879.00	8,246	9,096	8,529	29.04	294
1993	186,015.00	90,616	99,961	106,515	29.74	3,582
2001	8,471,885.00	3,250,327	3,585,538	5,818,254	31.56	184,355
2005	9,670.05	3,084	3,402	7,332	32.44	226
2006	81,095.00	24,427	26,946	63,069	32.65	1,932
2008	36,462.44	9,598	10,588	29,885	33.07	904
2009	47,041.63	11,446	12,626	39,590	33.27	1,190
2010	51,489.25	11,444	12,624	44,529	33.47	1,330
2011	43,665.79	8,743	9,645	38,824	33.67	1,153
2012	23,382.28	4,148	4,576	21,379	33.86	631
2013	42,115.27	6,472	7,139	39,608	34.04	1,164
2014	27,493.66	3,532	3,896	26,622	34.23	778
2015	6,355.17	650	717	6,337	34.40	184
2016	12,507,544.20	936,295	1,032,857	12,850,518	34.57	371,725
2017	18,969,920.50	866,058	955,376	20,101,236	34.74	578,619
2018	115,055.00	1,805	1,991	125,720	34.89	3,603
	49,672,298.59	11,723,547	12,932,614	42,203,637		1,280,469
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -6						
1991	219,581,052.94	103,385,523	114,047,829	118,708,087	30.87	3,845,419
1998	234,266.00	91,690	101,146	147,176	32.73	4,497
1999	1,261,332.12	477,380	526,613	810,399	32.99	24,565
2005	958,712.00	278,997	307,770	708,464	34.51	20,529
2006	953,797.00	261,704	288,694	722,331	34.76	20,781
2007	566,264.00	145,708	160,735	439,505	35.00	12,557
2008	88,309.94	21,140	23,320	70,288	35.24	1,995
2009	65,946.94	14,555	16,056	53,848	35.48	1,518
2010	90,426.27	18,219	20,098	75,754	35.71	2,121
2011	34,708.80	6,289	6,938	29,854	35.94	831
2012	70,571.65	11,306	12,472	62,334	36.17	1,723
2013	125,923.74	17,415	19,211	114,268	36.39	3,140
2014	848,803.59	98,125	108,245	791,487	36.60	21,625
2015	1,997,547.99	183,367	202,278	1,915,123	36.81	52,027

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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)
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -6						
2016	1,243,444.30	83,406	92,008	1,226,043	37.01	33,127
2017	283,507.56	11,645	12,846	287,672	37.21	7,731
2018	10,375,666.62	145,176	160,148	10,838,058	37.39	289,865
	238,780,281.46	105,251,645	116,106,407	137,000,691		4,344,051
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
1973	8,562,702.62	5,746,854	6,339,536	2,651,302	20.97	126,433
1975	2,646,962.50	1,746,825	1,926,978	852,333	21.29	40,034
1977	154,886.95	100,402	110,757	51,875	21.60	2,402
1991	61,986.00	33,548	37,008	28,077	23.68	1,186
1993	3,571,674.00	1,861,328	2,053,290	1,696,968	23.96	70,825
1994	3,137,232.40	1,601,391	1,766,545	1,527,549	24.10	63,384
1995	4,786,019.00	2,389,791	2,636,254	2,389,066	24.24	98,559
2000	1,877,075.00	818,724	903,160	1,067,768	24.91	42,865
2006	196,936.86	66,690	73,568	133,216	25.67	5,190
2007	21,863,791.39	6,985,580	7,706,014	15,250,967	25.79	591,352
2009	17,357.38	4,825	5,323	12,903	26.02	496
2010	10,213.08	2,611	2,880	7,843	26.13	300
2011	19,704,834.18	4,565,679	5,036,544	15,653,531	26.24	596,552
2012	93,890.43	19,387	21,386	77,199	26.35	2,930
2013	44,509.33	8,009	8,835	37,900	26.45	1,433
2014	568,682.93	86,212	95,103	502,014	26.55	18,908
2015	361,588.58	43,977	48,512	331,156	26.64	12,431
2016	1,322,914.98	118,806	131,059	1,258,002	26.73	47,063
2017	1,625,325.62	90,398	99,721	1,606,871	26.82	59,913
2018	545,971.67	10,462	11,541	561,729	26.90	20,882
	71,154,554.90	26,301,499	29,014,013	45,698,270		1,803,138

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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)
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
1971	396,957.82	270,674	298,589	118,217	20.64	5,728
1999	369,130.00	166,030	183,153	204,434	24.78	8,250
2000	202,992.00	88,539	97,670	115,471	24.91	4,636
2004	20,726,417.00	7,761,028	8,561,435	13,201,303	25.42	519,327
2005	11,721,777.00	4,187,382	4,619,233	7,688,633	25.54	301,043
2008	23,644.83	7,079	7,809	17,018	25.90	657
2010	345,890.62	88,432	97,552	265,633	26.13	10,166
2011	4,414.90	1,023	1,129	3,507	26.24	134
2012	536,425.08	110,762	122,185	441,061	26.35	16,739
2013	54,186.85	9,750	10,756	46,141	26.45	1,744
2014	35,780,990.12	5,424,362	5,983,785	31,586,255	26.55	1,189,689
2015	5,021.48	611	674	4,599	26.64	173
2016	6,416.51	576	635	6,102	26.73	228
2018	2,387,330.36	45,747	50,465	2,456,232	26.90	91,310
	72,561,594.57	18,161,995	20,035,069	56,154,605		2,149,824
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1916	10,851.65	11,192	12,346	350	7.70	45
1956	2,912.00	2,328	2,568	839	20.31	41
1987	4,418.00	2,554	2,817	2,352	28.33	83
1988	33,180.00	18,851	20,795	18,025	28.57	631
1990	192,454.00	105,344	116,208	108,963	29.04	3,752
1992	2,045,849.00	1,074,315	1,185,111	1,208,533	29.51	40,953
1997	5,760,893.19	2,665,767	2,940,692	3,799,553	30.66	123,925
1998	3,042,652.46	1,365,864	1,506,728	2,053,176	30.89	66,467
1999	3,510,625.00	1,525,130	1,682,419	2,425,012	31.12	77,925
2000	4,175,268.00	1,752,321	1,933,041	2,952,023	31.34	94,193
2002	2,423,080.00	940,427	1,037,415	1,797,589	31.79	56,546
2014	20,562.29	2,784	3,071	20,987	34.23	613
2015	303,117.04	32,667	36,036	318,611	34.40	9,262
2016	374,238.89	29,529	32,574	405,285	34.57	11,724
2017	198,687.14	9,561	10,547	221,917	34.74	6,388
2018	288,131.48	4,763	5,254	331,860	34.89	9,512
	22,386,920.14	9,543,397	10,527,622	15,665,075		502,060

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CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1927	376,554.98	364,994	402,636	37,933	11.15	3,402
1984	29,918.00	18,140	20,011	14,993	27.61	543
1985	12,119.00	7,238	7,984	6,195	27.85	222
1993	105,672.00	54,260	59,856	63,780	29.74	2,145
1999	3,558,337.00	1,545,858	1,705,285	2,457,970	31.12	78,984
2000	4,041,624.00	1,696,232	1,871,167	2,857,533	31.34	91,178
2001	1,399,761.00	566,062	624,441	1,013,280	31.56	32,106
2002	2,630,358.00	1,020,875	1,126,159	1,951,359	31.79	61,383
2003	30,049.00	11,162	12,313	22,844	32.01	714
2017	15,216.27	732	807	16,996	34.74	489
2018	54,578.87	902	995	62,862	34.89	1,802
	12,254,188.12	5,286,455	5,831,655	8,505,745		272,968
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -4						
2011	20,774,121.62	3,897,126	4,299,043	17,306,044	33.67	513,990
2012	2,586.22	430	474	2,215	33.86	65
2013	205.27	30	33	180	34.04	5
2015	1,525.95	146	161	1,426	34.40	41
2016	1,624.55	114	126	1,564	34.57	45
	20,780,063.61	3,897,846	4,299,837	17,311,429		514,146
GASTON SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -17						
1987	5,195.79	3,927	4,332	1,747	15.86	110
1993	2,675,777.09	1,870,631	2,063,552	1,067,107	16.22	65,790
2008	6,309.45	2,799	3,088	4,294	17.01	252
2009	1,461.96	608	671	1,040	17.06	61
2010	5,356.78	2,071	2,285	3,983	17.10	233
2011	8,226.36	2,919	3,220	6,405	17.14	374
2013	930.58	263	290	799	17.22	46

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GASTON SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -17						
2014	5,627.74	1,359	1,499	5,085	17.26	295
2016	7,244,427.99	1,069,160	1,179,424	7,296,557	17.32	421,279
2017	149,222.88	13,894	15,327	159,264	17.35	9,179
	10,102,536.62	2,967,631	3,273,687	8,546,281		497,619
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -23						
1915	65,809.06	71,730	79,128	1,818	7.40	246
1983	33,063.00	21,383	23,588	17,079	27.37	624
1993	736,479.00	397,559	438,560	467,309	29.74	15,713
1994	1,554,778.69	819,282	903,776	1,008,602	29.98	33,642
1995	3,682,852.32	1,892,641	2,087,832	2,442,076	30.21	80,837
1996	1,614,421.75	807,679	890,976	1,094,763	30.44	35,965
2009	26,969.50	7,271	8,021	25,152	33.27	756
2012	70,298.85	13,818	15,243	71,225	33.86	2,104
2013	1,016,499.55	173,103	190,955	1,059,339	34.04	31,120
2014	9,752.93	1,388	1,531	10,465	34.23	306
2015	1,696,041.53	192,154	211,971	1,874,160	34.40	54,481
2016	117,903.07	9,780	10,789	134,232	34.57	3,883
	10,624,869.25	4,407,788	4,862,370	8,206,219		259,677
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -24						
1923	383,683.06	403,598	445,222	30,545	9.86	3,098
1983	46,999.00	30,644	33,804	24,474	27.37	894
1988	3,476.00	2,093	2,309	2,001	28.57	70
1990	52,459.00	30,433	33,572	31,478	29.04	1,084
2002	42,515.00	17,488	19,292	33,427	31.79	1,051
2003	4,590,375.00	1,807,117	1,993,488	3,698,577	32.01	115,544
2005	10,059,464.00	3,584,328	3,953,985	8,519,750	32.44	262,631
2006	860,261.00	289,477	319,331	747,392	32.65	22,891
2008	73,263.45	21,543	23,765	67,082	33.07	2,028

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MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -24						
2010	59,402.44	14,749	16,270	57,389	33.47	1,715
2015	71,914.05	8,214	9,061	80,112	34.40	2,329
2018	26,925.67	472	521	32,867	34.89	942
	16,270,737.67	6,210,156	6,850,619	13,325,096		414,277
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -19						
1910	119,481.00	129,255	142,182			
1954	502.00	467	515	82	13.36	6
1955	2,420.00	2,242	2,473	406	13.46	30
1956	191.00	176	194	33	13.55	2
1974	42,618.00	36,372	40,126	10,589	14.99	706
1994	28,098.00	19,659	21,688	11,749	16.28	722
2006	5,140,235.00	2,576,063	2,841,941	3,274,939	16.92	193,554
2007	5,031,155.99	2,399,500	2,647,154	3,339,921	16.97	196,813
2016	301,736.17	45,293	49,968	309,098	17.32	17,846
	10,666,437.16	5,209,027	5,746,242	6,946,818		409,679
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -8						
1983	28,027.00	15,916	17,557	12,712	27.37	464
1987	35,182.00	18,774	20,710	17,286	28.33	610
1990	3,849.00	1,945	2,146	2,011	29.04	69
1997	3,280,339.04	1,401,164	1,545,668	1,997,098	30.66	65,137
1999	3,802,309.46	1,524,782	1,682,035	2,424,459	31.12	77,907
2000	672,746.00	260,626	287,505	439,061	31.34	14,010
2013	6,473,062.72	967,891	1,067,711	5,923,197	34.04	174,007
2014	4,765.00	596	657	4,489	34.23	131

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OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -8						
2016	79,044.93	5,757	6,351	79,018	34.57	2,286
2017	3,093,311.64	137,406	151,577	3,189,200	34.74	91,802
2018	1,074,228.54	16,393	18,084	1,142,083	34.89	32,734
	18,546,865.33	4,351,250	4,800,001	15,230,614		459,157
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1925	5,637.04	5,530	6,100	495	10.50	47
1954	789.00	640	706	217	19.73	11
1982	6,804.00	4,246	4,684	3,277	27.12	121
1983	42,879.00	26,379	29,100	21,069	27.37	770
1985	16,297.00	9,733	10,737	8,331	27.85	299
2000	4,178,647.40	1,753,739	1,934,605	2,954,413	31.34	94,270
2002	2,042,688.00	792,793	874,555	1,515,390	31.79	47,669
2013	9,960,823.20	1,613,519	1,779,924	9,874,239	34.04	290,078
2014	34,575.00	4,682	5,165	35,288	34.23	1,031
2016	50,890.24	4,015	4,429	55,113	34.57	1,594
2018	20,524.91	339	374	23,640	34.89	678
	16,360,554.79	4,215,615	4,650,378	14,491,471		436,568
TUXEDO						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -19						
1920	151,241.46	155,524	171,564	8,414	8.83	953
1982	10,717.00	7,993	8,817	3,936	19.15	206
1992	269,011.63	176,100	194,262	125,862	20.16	6,243
2006	242,464.00	105,060	115,895	172,637	21.41	8,063
2010	95,897.23	31,891	35,180	78,938	21.71	3,636
2015	371,791.68	60,631	66,884	375,548	22.04	17,039
2016	854,938.33	103,396	114,059	903,317	22.10	40,874
	1,996,061.33	640,595	706,661	1,668,652		77,014

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WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -16						
1919	365,805.00	368,127	406,092	18,241	8.61	2,119
1990	33,029.00	17,925	19,774	18,540	29.04	638
1991	397,087.00	211,139	232,914	227,707	29.28	7,777
1995	29,147.00	14,126	15,583	18,228	30.21	603
1996	4,276,425.80	2,017,696	2,225,784	2,734,870	30.44	89,845
1997	4,251,113.67	1,950,326	2,151,466	2,779,826	30.66	90,666
1999	3,590,742.16	1,546,603	1,706,106	2,459,154	31.12	79,022
2000	5,114.00	2,128	2,347	3,585	31.34	114
2001	7,838,988.00	3,142,983	3,467,124	5,626,103	31.56	178,267
2008	8,727.49	2,401	2,649	7,475	33.07	226
2009	1,839.56	468	516	1,618	33.27	49
2015	24,539.44	2,622	2,892	25,573	34.40	743
2016	191,764.61	15,002	16,549	205,898	34.57	5,956
2017	113,158.49	5,399	5,956	125,308	34.74	3,607
2018	2,526,662.57	41,414	45,685	2,885,243	34.89	82,695
	23,654,143.79	9,338,359	10,301,438	17,137,369		542,327
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -15						
1925	316,697.00	305,368	336,861	27,340	10.50	2,604
1984	12,741.00	7,593	8,376	6,276	27.61	227
1986	13,232.00	7,645	8,433	6,783	28.09	241
1993	1,189,639.00	600,411	662,332	705,753	29.74	23,731
1997	9,938,819.97	4,520,424	4,986,622	6,443,021	30.66	210,144
1998	2,072,943.00	914,649	1,008,978	1,374,906	30.89	44,510
2000	3,677,535.00	1,517,044	1,673,499	2,555,666	31.34	81,546
2008	101,404.19	27,654	30,506	86,109	33.07	2,604
2010	15,221.03	3,505	3,866	13,638	33.47	407
2017	107,465.10	5,083	5,607	117,978	34.74	3,396
	17,445,697.29	7,909,376	8,725,082	11,337,470		369,410

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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)
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -108						
1907	323,601.00	620,798	673,090			
1993	3,951,678.99	3,607,289	3,989,150	4,230,342	29.74	142,244
1994	37,550.00	33,461	37,003	41,101	29.98	1,371
1995	287,917.71	250,213	276,700	322,169	30.21	10,664
1997	221,537.00	182,245	201,537	259,260	30.66	8,456
2002	240,655.00	166,047	183,624	316,938	31.79	9,970
2009	6,727.87	3,067	3,392	10,602	33.27	319
2010	1,172.63	488	540	1,899	33.47	57
2011	91,408.40	34,296	37,927	152,203	33.67	4,520
2012	931.75	310	343	1,595	33.86	47
2013	1,321.62	381	421	2,328	34.04	68
2015	2,454.81	470	520	4,586	34.40	133
2016	172,393.05	24,182	26,742	331,836	34.57	9,599
	5,339,349.83	4,923,247	5,430,989	5,674,859		187,448
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -25						
1992	63,502.00	35,626	39,300	40,077	29.51	1,358
1996	6,821,160.24	3,468,048	3,825,713	4,700,738	30.44	154,426
1997	2,784,072.97	1,376,376	1,518,324	1,961,768	30.66	63,985
2008	132,613.43	39,310	43,364	122,403	33.07	3,701
2012	700,512.21	139,927	154,358	721,282	33.86	21,302
2013	1,245,573.22	215,562	237,793	1,319,173	34.04	38,754
2015	118,041.00	13,591	14,993	132,559	34.40	3,853
	11,865,475.07	5,288,440	5,833,844	8,998,000		287,379
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -11						
1954	111,804.69	92,729	102,292	21,811	15.75	1,385
1955	511.10	422	466	102	15.90	6
1956	47.24	39	43	9	16.04	1
1957	32.45	27	30	6	16.18	

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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)
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -11						
1988	444.07	288	318	175	19.76	9
2000	27,946.01	14,272	15,744	15,276	20.90	731
2001	28,383.43	14,052	15,501	16,004	20.99	762
2017	6,281,674.52	442,206	487,812	6,484,847	22.15	292,770
	6,450,843.51	564,035	622,205	6,538,231		295,664
NPL BRYSON						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -29						
1942	29,825.00	30,183	33,296	5,178	13.82	375
1943	1,562.00	1,574	1,736	279	14.00	20
1988	421.00	317	350	193	19.76	10
2014	1,737,396.14	380,182	419,391	1,821,850	21.98	82,887
2016	1,562,205.13	204,809	225,931	1,789,313	22.10	80,964
	3,331,409.27	617,065	680,704	3,616,814		164,256
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -24						
1952	122,949.16	114,872	126,719	25,738	15.46	1,665
1953	34,864.00	32,436	35,781	7,450	15.61	477
1954	1,542.00	1,429	1,576	336	15.75	21
1955	72.00	66	73	16	15.90	1
1956	58.00	53	58	13	16.04	1
1957	260.00	238	263	60	16.18	4
1963	66.00	59	65	17	16.97	1
1968	1,102.00	953	1,051	315	17.59	18
1969	703.00	604	666	205	17.71	12
1988	1,037.00	752	830	456	19.76	23
1992	1,078.00	735	811	526	20.16	26
2000	15,299.00	8,728	9,628	9,343	20.90	447
2001	31,778.00	17,576	19,389	20,016	20.99	954

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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)
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -24						
2005	19,109.00	9,062	9,997	13,699	21.33	642
2013	2,858,058.11	708,798	781,897	2,762,095	21.92	126,008
2015	264,963.79	45,025	49,668	278,887	22.04	12,654
	3,352,939.06	941,386	1,038,472	3,119,172		142,954
NPL FRANKLIN						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -22						
1942	1,621.00	1,551	1,711	267	13.82	19
1943	27,577.23	26,288	28,999	4,645	14.00	332
1949	1,049.00	976	1,077	203	15.00	14
1965	1,258.00	1,089	1,201	333	17.22	19
1988	421.00	300	331	183	19.76	9
2011	276,858.94	86,090	94,969	242,799	21.78	11,148
2012	1,031,785.50	287,580	317,238	941,540	21.85	43,091
	1,340,570.67	403,874	445,526	1,189,970		54,632
NPL MISSION						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -34						
1943	26,671.31	27,925	30,805	4,935	14.00	352
1944	186.00	194	214	35	14.18	2
1946	311.00	322	355	62	14.51	4
1947	330.00	340	375	67	14.68	5
1988	842.00	660	728	400	19.76	20
2013	3,679,257.30	986,041	1,087,733	3,842,472	21.92	175,295
2016	2,107,052.32	286,947	316,540	2,506,910	22.10	113,435
	5,814,649.93	1,302,429	1,436,750	6,354,881		289,113

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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)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -11						
1942	418,037.08	362,159	399,509	64,512	14.10	4,575
1943	4,322.00	3,728	4,112	685	14.29	48
1958	900.00	727	802	197	16.77	12
1970	1,527.00	1,155	1,274	421	18.40	23
1975	105.00	77	85	32	19.01	2
1982	2,376.00	1,629	1,797	840	19.83	42
1987	106,772.00	69,093	76,219	42,298	20.38	2,075
1988	1,553.00	991	1,093	631	20.49	31
1991	176,846.00	107,917	119,047	77,252	20.81	3,712
1992	81,757.00	49,043	54,101	36,649	20.92	1,752
2000	82,707.47	41,337	45,600	46,205	21.72	2,127
2001	56,109.00	27,174	29,977	32,304	21.82	1,480
2003	1,967,281.00	887,143	978,636	1,205,046	22.01	54,750
2010	354,329.65	106,724	117,731	275,575	22.61	12,188
2012	10,377.26	2,546	2,809	8,710	22.77	383
2013	145,685.67	31,291	34,518	127,193	22.84	5,569
2014	267,643.85	48,683	53,704	243,381	22.91	10,623
2015	65,127.51	9,532	10,515	61,776	22.98	2,688
2016	40,287.09	4,378	4,830	39,889	23.04	1,731
2017	82,209.39	5,565	6,139	85,113	23.10	3,685
2018	56.29	1	1	61	23.15	3
	3,866,009.26	1,760,893	1,942,497	2,348,773		107,499
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2032						
NET SALVAGE PERCENT.. -79						
1949	34,302.00	50,692	55,920	5,481	10.70	512
1950	501.00	739	815	82	10.77	8
1979	196.00	261	288	63	12.24	5
1980	279.00	369	407	92	12.28	7
1988	421.00	522	576	178	12.60	14
1994	2,442.00	2,826	3,117	1,254	12.81	98
	38,141.00	55,409	61,123	7,149		644

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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)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -20						
1955	283,490.08	253,059	279,158	61,031	15.90	3,838
1956	137.00	122	135	30	16.04	2
1957	65.00	58	64	14	16.18	1
1959	7,245.00	6,353	7,008	1,686	16.45	102
1960	125.00	109	120	30	16.58	2
1988	464.00	326	360	197	19.76	10
1992	5,925.00	3,911	4,314	2,796	20.16	139
2000	2,653.00	1,465	1,616	1,568	20.90	75
2001	38,666.00	20,695	22,829	23,570	20.99	1,123
2010	216,216.51	72,509	79,987	179,473	21.71	8,267
2015	1,612,446.18	265,164	292,511	1,642,424	22.04	74,520
	2,167,432.77	623,771	688,102	1,912,817		88,079
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -18						
1941	389,547.00	362,051	399,390	60,275	13.64	4,419
1942	1,784.00	1,651	1,821	284	13.82	21
1943	2,286.00	2,108	2,325	372	14.00	27
1958	500.00	433	478	112	16.32	7
1960	255.00	219	242	59	16.58	4
1968	130.00	107	118	35	17.59	2
1988	1,036.00	715	789	434	19.76	22
1990	1,163.00	780	860	512	19.96	26
1993	11,241.00	7,172	7,912	5,353	20.25	264
1994	144.00	90	99	71	20.35	3
2000	12,546.00	6,811	7,513	7,291	20.90	349
2008	14,338.10	5,491	6,057	10,862	21.56	504
2011	315.00	95	105	267	21.78	12
2012	1,222.60	330	364	1,079	21.85	49
2013	188,539.23	44,495	49,084	173,392	21.92	7,910
2014	87,329.23	17,480	19,283	83,766	21.98	3,811
2015	107,193.37	17,334	19,122	107,366	22.04	4,871
	819,569.53	467,362	515,562	451,530		22,301

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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)
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -33						
1951	129,556.00	130,362	143,806	28,503	15.31	1,862
1953	70.00	70	77	16	15.61	1
1955	71.00	70	77	17	15.90	1
1957	47.00	46	51	12	16.18	1
1959	43.00	42	46	11	16.45	1
1970	1,049.00	961	1,060	335	17.83	19
1971	278.00	253	279	91	17.94	5
1988	1,038.00	807	890	490	19.76	25
2000	5,302.00	3,244	3,579	3,473	20.90	166
2018	112,982.55	3,310	3,651	146,615	22.20	6,604
	250,436.55	139,165	153,517	179,564		8,685
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -25						
2008	836.52	330	364	682	22.45	30
	836.52	330	364	682		30
	657,895,467.59	242,503,587	267,513,350	459,821,884		15,981,068

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 28.8 2.43

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ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

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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)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -11						
1963	851,840.93	612,665	573,530	372,013	22.26	16,712
1973	1,538.00	1,012	947	760	24.88	31
1974	3,173.00	2,066	1,934	1,588	25.14	63
1981	437,730.00	262,623	245,848	240,033	26.88	8,930
1988	22,778.00	12,278	11,494	13,790	28.57	483
1992	245,952.00	122,531	114,704	158,303	29.51	5,364
1996	113,961.00	51,451	48,165	78,332	30.44	2,573
1999	48,212.00	19,871	18,602	34,914	31.12	1,122
2001	1,367,854.00	524,791	491,269	1,027,049	31.56	32,543
2007	42,650.04	12,058	11,288	36,054	32.86	1,097
2008	47,817.30	12,587	11,783	41,294	33.07	1,249
2009	34,678.70	8,438	7,899	30,594	33.27	920
2010	14,529.64	3,229	3,023	13,105	33.47	392
2011	367,622.86	73,606	68,904	339,157	33.67	10,073
2012	98,079.79	17,397	16,286	92,583	33.86	2,734
2013	147,381.39	22,649	21,202	142,391	34.04	4,183
2015	733,507.88	74,995	70,205	743,989	34.40	21,628
2016	1,842,427.13	137,921	129,111	1,915,983	34.57	55,423
2017	593,084.70	27,077	25,347	632,977	34.74	18,220
2018	5,000.00	78	73	5,477	34.89	157
	7,019,818.36	1,999,323	1,871,614	5,920,384		183,897
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -6						
1991	46,303,162.08	21,800,955	20,408,393	28,672,959	30.87	928,829
1994	96,167.00	42,219	39,522	62,415	31.67	1,971
1999	99,180.00	37,537	35,139	69,992	32.99	2,122
2000	1,873,358.68	683,975	640,285	1,345,475	33.25	40,465
2005	55,510.00	16,154	15,122	43,718	34.51	1,267
2007	21,535.00	5,541	5,187	17,640	35.00	504
2009	67,081.72	14,805	13,859	57,247	35.48	1,614
2010	85,394.69	17,205	16,106	74,412	35.71	2,084
2011	710,399.31	128,714	120,492	632,531	35.94	17,600
2012	97,921.03	15,688	14,686	89,110	36.17	2,464
2013	105,961.35	14,654	13,718	98,601	36.39	2,710
2014	215,018.50	24,857	23,269	204,650	36.60	5,592

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BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -6						
2015	82,051.54	7,532	7,051	79,924	36.81	2,171
2016	1,187,280.31	79,639	74,552	1,183,965	37.01	31,990
2018	305,536.09	4,275	4,002	319,866	37.39	8,555
	51,305,557.30	22,893,750	21,431,384	32,952,507		1,049,938
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
1973	3,090,676.78	2,074,306	1,941,807	1,303,404	20.97	62,156
1975	1,339,201.73	883,787	827,334	578,828	21.29	27,188
1977	1,257.00	815	763	557	21.60	26
1984	33,745.00	20,283	18,987	16,445	22.66	726
1986	149,183.00	87,333	81,754	74,888	22.96	3,262
1987	73,553.00	42,446	39,735	37,496	23.11	1,623
1988	22,997.00	13,078	12,243	11,904	23.25	512
1990	128,744.00	70,894	66,366	68,816	23.54	2,923
1994	61,070.00	31,173	29,182	34,942	24.10	1,450
1995	39,559.00	19,753	18,491	23,046	24.24	951
2000	3,995,969.62	1,742,922	1,631,591	2,564,178	24.91	102,938
2001	15,990.00	6,744	6,313	10,476	25.04	418
2007	36,521.00	11,669	10,924	27,423	25.79	1,063
2008	53,786.01	16,102	15,073	41,402	25.90	1,599
2009	115,726.02	32,172	30,117	91,395	26.02	3,512
2012	231,163.48	47,731	44,682	198,040	26.35	7,516
2015	60,250.06	7,328	6,860	56,403	26.64	2,117
2016	321,924.92	28,911	27,064	310,957	26.73	11,633
2017	3,014,874.96	167,683	156,972	3,008,647	26.82	112,179
2018	1,004,831.40	19,255	18,025	1,037,048	26.90	38,552
	13,791,023.98	5,324,385	4,984,283	9,496,292		382,344

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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)
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
1971	191,761.00	130,756	122,404	78,945	20.64	3,825
1973	1,432.00	961	900	604	20.97	29
1985	24,746.00	14,683	13,745	12,238	22.81	537
1988	372,686.00	211,939	198,401	192,919	23.25	8,298
1989	12,039.00	6,742	6,311	6,330	23.39	271
1991	24,136.00	13,063	12,229	13,114	23.68	554
1995	189,312.00	94,529	88,491	110,287	24.24	4,550
1999	2,652,633.00	1,193,124	1,116,912	1,668,353	24.78	67,327
2000	2,179,368.00	950,575	889,856	1,398,481	24.91	56,141
2001	217,822.00	91,867	85,999	142,714	25.04	5,699
2002	11,133,353.00	4,527,428	4,238,233	7,451,788	25.17	296,058
2004	592,630.00	221,911	207,736	414,525	25.42	16,307
2005	444,872.00	158,922	148,771	318,345	25.54	12,465
2007	316,728.00	101,196	94,732	237,832	25.79	9,222
2010	117,450.10	30,028	28,110	95,213	26.13	3,644
2015	251,400.73	30,576	28,623	235,348	26.64	8,834
2018	2,708,798.46	51,907	48,591	2,795,647	26.90	103,927
	21,431,167.29	7,830,207	7,330,043	15,172,683		597,688
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1916	13,148.13	13,561	12,695	2,689	7.70	349
1954	2,663.00	2,160	2,022	1,094	19.73	55
1961	23,072.00	17,771	16,636	10,358	21.71	477
1972	740.00	518	485	381	24.63	15
1973	4,447.73	3,084	2,887	2,317	24.88	93
1975	1,245.00	846	792	665	25.39	26
1986	4,140.00	2,433	2,278	2,566	28.09	91
1991	1,467.00	787	737	980	29.28	33
1992	695,471.26	365,205	341,877	471,824	29.51	15,989
1996	315,150.00	149,975	140,395	228,330	30.44	7,501
1997	2,035,292.00	941,801	881,642	1,499,649	30.66	48,912
1998	122,386.00	54,940	51,431	91,761	30.89	2,971
1999	207,678.00	90,222	84,459	158,524	31.12	5,094
2000	306,155.00	128,490	120,283	237,919	31.34	7,592
2002	428,073.00	166,140	155,528	345,318	31.79	10,862

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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)
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
2008	34,245.16	9,501	8,894	31,173	33.07	943
2014	46,670.31	6,319	5,915	48,689	34.23	1,422
2015	101,857.13	10,977	10,276	108,897	34.40	3,166
2016	356,699.96	28,145	26,347	390,992	34.57	11,310
2017	51,889.22	2,497	2,338	58,373	34.74	1,680
2018	73,223.16	1,211	1,134	84,537	34.89	2,423
	4,825,713.06	1,996,583	1,869,049	3,777,035		121,004
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1986	2,484.00	1,460	1,367	1,540	28.09	55
1999	2,097,939.22	911,413	853,195	1,601,394	31.12	51,459
2000	528,992.00	222,013	207,832	411,089	31.34	13,117
2001	22,500.00	9,099	8,518	17,807	31.56	564
2002	468,000.00	181,637	170,035	377,525	31.79	11,876
2010	24,830.66	5,817	5,445	23,606	33.47	705
2012	37,278.21	6,970	6,525	37,091	33.86	1,095
2015	125,670.07	13,543	12,678	134,356	34.40	3,906
2016	241,471.05	19,053	17,836	264,685	34.57	7,656
	3,549,165.21	1,371,005	1,283,430	2,869,093		90,433
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -4						
2011	7,333,911.72	1,375,807	1,287,926	6,339,342	33.67	188,279
2014	49,537.98	5,962	5,581	45,938	34.23	1,342
	7,383,449.70	1,381,769	1,293,507	6,385,281		189,621

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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)
GASTON SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -17						
1986	2,604.00	1,990	1,863	1,184	15.79	75
1991	44,884.00	32,312	30,248	22,266	16.10	1,383
1993	1,683,277.00	1,176,776	1,101,608	867,826	16.22	53,503
1998	2,421.00	1,543	1,444	1,388	16.50	84
2001	7,116.00	4,204	3,935	4,390	16.67	263
2002	5,542.00	3,179	2,976	3,508	16.72	210
2014	171,070.15	41,319	38,680	161,472	17.26	9,355
2015	192,667.09	37,950	35,526	189,895	17.29	10,983
	2,109,581.24	1,299,273	1,216,280	1,251,930		75,856
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -23						
1915	38,730.69	42,215	39,518	8,120	7.40	1,097
1973	2,166.00	1,579	1,478	1,186	24.88	48
1983	6,218.00	4,021	3,764	3,884	27.37	142
1986	2,509.00	1,550	1,451	1,635	28.09	58
1992	1,412.00	779	729	1,008	29.51	34
1995	1,515,811.63	778,985	729,227	1,135,222	30.21	37,578
1996	280,045.00	140,104	131,155	213,301	30.44	7,007
2010	26,691.99	6,574	6,154	26,677	33.47	797
2012	109,995.16	21,620	20,239	115,055	33.86	3,398
2014	44,589.71	6,347	5,942	48,904	34.23	1,429
2016	84,949.28	7,047	6,597	97,891	34.57	2,832
	2,113,118.46	1,010,821	946,254	1,652,882		54,420
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -24						
1923	97,891.99	102,973	96,395	24,991	9.86	2,535
1974	16,294.00	11,852	11,095	9,110	25.14	362
1983	8,720.00	5,685	5,322	5,491	27.37	201
1984	2,417.00	1,553	1,454	1,543	27.61	56
1986	3,345.00	2,084	1,951	2,197	28.09	78

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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)
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -24						
1993	750.00	408	382	548	29.74	18
2000	94,440.00	42,007	39,324	77,782	31.34	2,482
2002	8,282.00	3,407	3,189	7,080	31.79	223
2003	1,207,872.00	475,509	445,135	1,052,626	32.01	32,884
2005	538,387.00	191,835	179,581	488,019	32.44	15,044
2006	535,168.00	180,083	168,580	495,028	32.65	15,162
2014	69,943.19	10,037	9,396	77,334	34.23	2,259
2015	87,049.71	9,943	9,308	98,634	34.40	2,867
2018	8,000.00	140	131	9,789	34.89	281
	2,678,559.89	1,037,516	971,243	2,350,171		74,452
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -19						
1910	35,863.00	38,797	36,319	6,358	5.91	1,076
1944	1,083.00	1,038	972	317	12.32	26
1947	507.00	482	451	152	12.65	12
1963	12,699.00	11,433	10,703	4,409	14.15	312
1973	5,507.00	4,727	4,425	2,128	14.92	143
1991	40,577.00	29,710	27,812	20,474	16.10	1,272
2001	6,820.00	4,098	3,836	4,280	16.67	257
2006	163,505.00	81,942	76,708	117,863	16.92	6,966
2007	162,587.00	77,542	72,589	120,890	16.97	7,124
2016	211,054.83	31,681	29,657	221,498	17.32	12,789
	640,202.83	281,450	263,472	498,369		29,977
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -8						
1983	16,249.00	9,227	8,638	8,911	27.37	326
1986	244,914.34	132,886	124,398	140,110	28.09	4,988
1997	1,983,262.00	847,131	793,019	1,348,904	30.66	43,996
1999	741,781.76	297,465	278,464	522,660	31.12	16,795
2000	144,751.00	56,078	52,496	103,835	31.34	3,313

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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)
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -8						
2010	31,579.98	6,829	6,393	27,714	33.47	828
2011	42,258.25	8,232	7,706	37,933	33.67	1,127
2013	26,665.46	3,987	3,732	25,066	34.04	736
2017	74,246.31	3,298	3,087	77,099	34.74	2,219
2018	464,089.48	7,082	6,630	494,587	34.89	14,176
	3,769,797.58	1,372,215	1,284,563	2,786,818		88,504
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1925	47,619.00	46,714	43,730	11,984	10.50	1,141
1983	15,571.00	9,579	8,967	9,251	27.37	338
1985	134,967.98	80,608	75,459	82,453	27.85	2,961
1986	2,509.00	1,475	1,381	1,555	28.09	55
2000	1,448,437.00	607,896	569,066	1,125,605	31.34	35,916
2002	479,773.00	186,206	174,312	387,022	31.79	12,174
2005	35,371.00	11,892	11,132	30,252	32.44	933
2009	8,903.19	2,283	2,137	8,280	33.27	249
2010	8,602.58	2,015	1,886	8,179	33.47	244
2012	27,369.59	5,117	4,790	27,232	33.86	804
2013	41,987.11	6,801	6,367	42,758	34.04	1,256
	2,251,110.45	960,586	899,228	1,734,571		56,071
TUXEDO						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -19						
1960	11,129.00	9,633	9,018	4,226	16.58	255
1969	1,784.00	1,472	1,378	745	17.71	42
1974	18,382.45	14,671	13,734	8,141	18.29	445
1977	5,978.00	4,664	4,366	2,748	18.62	148
1982	4,593.00	3,426	3,207	2,259	19.15	118
1986	209,008.55	149,170	139,642	109,079	19.56	5,577
1993	152,990.00	98,441	92,153	89,905	20.25	4,440
2004	12,966.00	6,169	5,775	9,655	21.24	455

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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)
TUXEDO						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -19						
2013	10,118.18	2,408	2,254	9,786	21.92	446
2014	404,304.06	81,613	76,400	404,722	21.98	18,413
2015	76,143.09	12,417	11,624	78,986	22.04	3,584
	907,396.33	384,084	359,550	720,252		33,923
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -16						
1976	23,018.47	15,333	14,354	12,348	25.64	482
1986	4,140.00	2,413	2,259	2,544	28.09	91
1991	59,911.00	31,856	29,821	39,676	29.28	1,355
1996	1,742,931.65	822,347	769,818	1,251,982	30.44	41,130
1997	679,794.00	311,876	291,955	496,607	30.66	16,197
1999	445,571.00	191,916	179,657	337,205	31.12	10,836
2001	822,656.00	329,838	308,769	645,512	31.56	20,453
2008	34,980.12	9,622	9,007	31,570	33.07	955
2010	42,337.29	9,834	9,206	39,905	33.47	1,192
2013	7,161.99	1,150	1,077	7,231	34.04	212
2014	145,084.44	19,477	18,233	150,065	34.23	4,384
2015	129,403.62	13,826	12,943	137,165	34.40	3,987
2017	21,342.14	1,018	953	23,804	34.74	685
2018	1,227,618.07	20,122	18,837	1,405,200	34.89	40,275
	5,385,949.79	1,780,628	1,666,888	4,580,814		142,234
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -15						
1925	88,798.60	85,622	80,153	21,966	10.50	2,092
1980	173,253.87	109,115	102,145	97,097	26.63	3,646
1986	6,923.00	4,000	3,744	4,217	28.09	150
1997	1,764,373.21	802,481	751,222	1,277,807	30.66	41,677
1998	746,558.00	329,405	308,364	550,178	30.89	17,811
2000	389,689.00	160,753	150,485	297,658	31.34	9,498
2008	21,276.22	5,802	5,431	19,036	33.07	576

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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)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -15						
2010	63,730.76	14,676	13,739	59,552	33.47	1,779
2015	66,857.61	7,082	6,630	70,257	34.40	2,042
2016	608,290.86	47,177	44,164	655,371	34.57	18,958
	3,929,751.13	1,566,113	1,466,076	3,053,138		98,229
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -108						
1907	89,180.00	171,083	160,155	25,339	5.05	5,018
1987	652,195.00	670,293	627,477	729,088	28.33	25,736
2002	7,592.75	5,239	4,904	10,889	31.79	343
2004	84,194.00	53,045	49,657	125,467	32.22	3,894
2014	20,321.38	4,892	4,580	37,689	34.23	1,101
	853,483.13	904,552	846,773	928,472		36,092
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -25						
1991	625,451.98	358,368	335,477	446,338	29.28	15,244
1996	2,005,665.00	1,019,730	954,594	1,552,488	30.44	51,002
1997	319,304.00	157,856	147,773	251,357	30.66	8,198
2006	23,189.00	7,866	7,364	21,623	32.65	662
2007	23,168.62	7,377	6,906	22,055	32.86	671
2008	34,889.62	10,342	9,681	33,931	33.07	1,026
2010	19,151.17	4,794	4,488	19,451	33.47	581
2012	770,638.83	153,935	144,102	819,196	33.86	24,194
	3,821,458.22	1,720,268	1,610,384	3,166,439		101,578

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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)
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -11						
1954	41,690.90	34,578	32,369	13,908	15.75	883
1961	582.00	468	438	208	16.72	12
1992	1,716.00	1,048	981	924	20.16	46
1993	20,540.00	12,328	11,541	11,259	20.25	556
1994	9,800.00	5,772	5,403	5,475	20.35	269
1996	3,323.00	1,879	1,759	1,930	20.53	94
2003	23,499.00	10,850	10,157	15,927	21.16	753
2009	15,199.48	5,105	4,779	12,093	21.64	559
2011	5,920.92	1,675	1,568	5,004	21.78	230
2017	3.54			4	22.15	
	122,274.84	73,703	68,995	66,730		3,402
NPL BRYSON						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -29						
1942	2,949.07	2,984	2,793	1,011	13.82	73
1943	2,169.00	2,186	2,046	752	14.00	54
1947	41.00	41	38	15	14.68	1
1951	466.00	455	426	175	15.31	11
1956	43.00	41	38	17	16.04	1
1961	98.00	91	85	41	16.72	2
1965	240.00	220	206	104	17.22	6
1973	582.00	507	475	276	18.17	15
1979	416.00	346	324	213	18.83	11
2002	2,139.00	1,191	1,115	1,644	21.07	78
2013	5,464.79	1,410	1,320	5,730	21.92	261
	14,607.86	9,472	8,867	9,977		513
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -24						
1952	28,347.30	26,485	24,793	10,357	15.46	670
1961	676.00	607	568	270	16.72	16
1992	4,193.00	2,860	2,677	2,522	20.16	125

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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)
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -24						
1993	473.00	317	297	290	20.25	14
1994	528.00	347	325	330	20.35	16
1996	3,281.00	2,073	1,941	2,128	20.53	104
2002	12,632.00	6,761	6,329	9,335	21.07	443
2003	39,074.00	20,154	18,867	29,585	21.16	1,398
2012	13,512.06	3,828	3,583	13,171	21.85	603
2013	5,833.07	1,447	1,355	5,878	21.92	268
	108,549.43	64,879	60,735	73,866		3,657
NPL FRANKLIN						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -22						
1933	3,672.00	3,646	3,413	1,067	12.05	89
1935	741.00	730	683	221	12.48	18
1940	1,200.00	1,158	1,084	380	13.46	28
1945	216.00	204	191	73	14.35	5
1946	3,938.00	3,709	3,472	1,332	14.51	92
1947	359.00	337	315	123	14.68	8
1951	183.00	169	158	65	15.31	4
1961	98.00	87	81	38	16.72	2
1964	182.00	158	148	74	17.10	4
1965	242.00	209	196	100	17.22	6
1973	320.00	264	247	143	18.17	8
1981	537.00	415	388	267	19.05	14
1982	165.00	126	118	83	19.15	4
1992	544.00	365	342	322	20.16	16
1994	25,833.00	16,722	15,654	15,863	20.35	780
2002	4,425.00	2,330	2,181	3,217	21.07	153
2013	77,130.05	18,820	17,618	76,481	21.92	3,489
	119,785.05	49,449	46,290	99,848		4,720

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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)
NPL MISSION						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -34						
1929	1,688.00	1,873	1,753	509	11.15	46
1933	14.00	15	14	5	12.05	
1934	106.00	115	108	34	12.27	3
1936	22.00	24	22	7	12.68	1
1942	93.00	98	92	33	13.82	2
1943	1,382.00	1,447	1,355	497	14.00	36
1946	162.00	168	157	60	14.51	4
1947	62.00	64	60	23	14.68	2
1948	9,095.00	9,334	8,738	3,450	14.84	232
1955	166.00	165	154	68	15.90	4
1956	43.00	43	40	17	16.04	1
1961	98.00	95	89	42	16.72	3
1963	54.00	52	49	24	16.97	1
1979	403.00	348	326	214	18.83	11
1987	1,052.00	835	782	628	19.66	32
1988	1,115.00	873	817	677	19.76	34
1992	361.00	266	249	235	20.16	12
2001	2,350.00	1,405	1,315	1,834	20.99	87
2002	4,549.00	2,631	2,463	3,633	21.07	172
2003	28,170.00	15,701	14,698	23,050	21.16	1,089
	50,985.00	35,552	33,281	35,039		1,772
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -11						
1942	14,997.21	12,993	12,163	4,484	14.10	318
1960	844.00	675	632	305	17.06	18
1963	1,956.00	1,541	1,443	729	17.47	42
1966	244.00	189	177	94	17.88	5
1988	1,833.00	1,170	1,095	939	20.49	46
1991	1,409.00	860	805	759	20.81	36
1992	21,954.28	13,170	12,329	12,040	20.92	576
1993	5,493.00	3,237	3,030	3,067	21.02	146
1997	88,007.00	47,665	44,620	53,067	21.43	2,476
2000	637,319.00	318,532	298,186	409,239	21.72	18,842
2001	163,533.00	79,202	74,143	107,379	21.82	4,921
2002	35,836.00	16,776	15,704	24,074	21.91	1,099

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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)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -11						
2003	166,110.00	74,907	70,122	114,260	22.01	5,191
2007	240,461.00	89,658	83,931	182,981	22.36	8,183
2012	167,371.23	41,060	38,437	147,345	22.77	6,471
2013	23,615.55	5,072	4,748	21,465	22.84	940
2017	535,403.73	36,240	33,925	560,373	23.10	24,259
2018	33,896.68	795	744	36,881	23.15	1,593
	2,140,283.68	743,742	696,235	1,679,480		75,162
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2032						
NET SALVAGE PERCENT.. -79						
1949	6,318.28	9,337	8,741	2,569	10.70	240
1950	124.00	183	171	51	10.77	5
1955	308.00	449	420	131	11.08	12
1961	402.00	576	539	180	11.41	16
1986	25,607.00	32,368	30,300	15,536	12.52	1,241
1990	7,253.00	8,820	8,257	4,726	12.67	373
1992	1,154.00	1,371	1,283	782	12.74	61
1993	3,623.00	4,249	3,978	2,508	12.78	196
1996	231.00	259	242	171	12.88	13
1997	103,038.00	113,719	106,455	77,983	12.91	6,041
2000	5,261.00	5,469	5,120	4,298	13.01	330
2002	12,632.00	12,493	11,695	10,916	13.08	835
2003	5,577.00	5,362	5,019	4,963	13.11	379
2013	11,757.03	6,118	5,727	15,318	13.37	1,146
	183,285.31	200,773	187,948	140,133		10,888
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -20						
1955	47,413.72	42,324	39,621	17,276	15.90	1,087
1961	586.00	509	476	227	16.72	14
1966	566.00	479	448	231	17.35	13
1973	476.00	386	361	210	18.17	12

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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)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -20						
1992	8,361.00	5,519	5,166	4,867	20.16	241
1993	14,512.00	9,416	8,815	8,600	20.25	425
1994	29,604.00	18,848	17,644	17,881	20.35	879
2001	11,124.00	5,954	5,574	7,775	20.99	370
2002	7,713.00	3,995	3,740	5,516	21.07	262
2007	51,493.00	21,307	19,946	41,846	21.49	1,947
2010	16,839.44	5,647	5,286	14,921	21.71	687
2013	6,117.70	1,468	1,374	5,967	21.92	272
	194,805.86	115,852	108,452	125,315		6,209
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -18						
1941	53,596.08	49,813	46,631	16,612	13.64	1,218
1951	230.00	205	192	79	15.31	5
1952	134.00	119	111	47	15.46	3
1955	321.00	282	264	115	15.90	7
1963	1,789.00	1,513	1,416	695	16.97	41
1966	372.00	310	290	149	17.35	9
1969	221.00	181	169	91	17.71	5
1972	646.00	518	485	277	18.06	15
1973	205.00	163	153	89	18.17	5
1980	777.00	586	549	368	18.94	19
1987	10,313.00	7,209	6,749	5,421	19.66	276
1988	731.00	504	472	391	19.76	20
1989	297,669.82	202,513	189,577	161,673	19.86	8,141
1991	8,183.00	5,401	5,056	4,600	20.06	229
1992	266,133.00	172,752	161,717	152,320	20.16	7,556
1993	21,079.00	13,449	12,590	12,283	20.25	607
1994	17,949.00	11,237	10,519	10,661	20.35	524
2000	847,297.58	460,003	430,620	569,191	20.90	27,234
2002	18,158.00	9,248	8,657	12,769	21.07	606
2003	120,033.00	58,915	55,152	86,487	21.16	4,087
2008	4,337.18	1,661	1,555	3,563	21.56	165

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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)
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -18						
2015	121,959.92	19,722	18,462	125,450	22.04	5,692
2016	281,105.41	33,711	31,558	300,147	22.10	13,581
2018	59,407.01	1,544	1,445	68,655	22.20	3,093
	2,132,647.00	1,051,559	984,390	1,532,133		73,138
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 65-S1						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -33						
1950	350.00	354	331	134	15.16	9
1951	11,666.00	11,739	10,989	4,527	15.31	296
1982	650.00	542	507	357	19.15	19
1992	544.00	398	373	351	20.16	17
1996	197,296.00	133,679	125,140	137,264	20.53	6,686
2003	18,740.00	10,367	9,705	15,219	21.16	719
2009	14,158.23	5,698	5,334	13,496	21.64	624
	243,404.23	162,777	152,379	171,349		8,370
	143,076,932.21	57,622,286	53,941,593	103,231,001		3,594,092

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 28.7 2.51

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ACCOUNT 335 MISCELLANEOUS POWER 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)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -11						
1971	580.78	425	434	211	18.64	11
1973	551.79	392	400	212	19.60	11
1974	175.94	123	126	70	20.08	3
1975	113.96	79	81	46	20.55	2
1976	393.86	268	274	164	21.03	8
1977	1,755.37	1,175	1,199	749	21.50	35
1978	35,239.65	23,210	23,687	15,429	21.97	702
1979	2,695.06	1,746	1,782	1,210	22.44	54
1980	9,585.64	6,105	6,230	4,410	22.90	193
1981	1,927.34	1,206	1,231	909	23.36	39
1982	17,385.10	10,688	10,908	8,390	23.81	352
1983	555.81	336	343	274	24.25	11
1984	16,587.38	9,825	10,027	8,385	24.69	340
1985	26,425.25	15,351	15,666	13,666	25.12	544
1986	31,994.51	18,218	18,592	16,922	25.54	663
1987	49,444.79	27,579	28,145	26,738	25.95	1,030
1988	10,752.48	5,871	5,992	5,944	26.35	226
1989	124,056.55	66,247	67,608	70,095	26.75	2,620
1990	71,452.34	37,294	38,060	41,252	27.13	1,521
1991	19,023.97	9,699	9,898	11,218	27.50	408
1992	44,968.80	22,363	22,822	27,093	27.87	972
1993	1,381.58	670	684	850	28.22	30
1995	11,732.40	5,380	5,491	7,532	28.90	261
1996	11,186.61	4,981	5,083	7,334	29.22	251
1997	3,206.05	1,384	1,412	2,146	29.53	73
1998	30,716.90	12,827	13,090	21,005	29.83	704
1999	1,748.48	705	719	1,221	30.12	41
2000	38,603.76	15,004	15,312	27,538	30.40	906
2001	56,476.82	21,100	21,533	41,156	30.67	1,342
2002	69,902.97	25,014	25,528	52,065	30.94	1,683
2003	15,878.45	5,431	5,543	12,083	31.19	387
2007	38,667.71	10,549	10,766	32,155	32.10	1,002
2008	102,996.12	26,145	26,682	87,644	32.31	2,713
2009	1,752.82	411	419	1,526	32.51	47
2010	126,454.79	27,061	27,617	112,748	32.70	3,448
2011	35,541.72	6,859	7,000	32,451	32.88	987
2012	102,398.90	17,485	17,844	95,819	33.06	2,898
2013	108,724.45	16,058	16,388	104,296	33.23	3,139
2014	17,962.04	2,223	2,269	17,669	33.39	529
2015	25,607.07	2,525	2,577	25,847	33.54	771

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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)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -11						
2016	172,115.90	12,409	12,664	178,385	33.69	5,295
2017	132,409.44	5,880	6,001	140,974	33.83	4,167
2018	170,183.84	2,579	2,632	186,272	33.97	5,483
	1,741,315.19	480,880	490,757	1,442,103		45,902
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -6						
1976	126.00	81	83	51	21.41	2
1978	63,372.00	39,472	40,283	26,892	22.43	1,199
1979	260,702.00	159,556	162,833	113,511	22.94	4,948
1980	130,561.00	78,473	80,085	58,310	23.45	2,487
1983	350.00	199	203	168	24.94	7
1984	25,970.00	14,458	14,755	12,773	25.43	502
1985	1,254.00	684	698	631	25.91	24
1986	314,063.00	167,642	171,085	161,822	26.39	6,132
1987	239,960.00	125,353	127,928	126,430	26.85	4,709
1988	194,965.00	99,566	101,611	105,052	27.31	3,847
1989	70,470.00	35,155	35,877	38,821	27.76	1,398
1990	153,783.00	74,880	76,418	86,592	28.20	3,071
1991	21,396,797.73	10,159,550	10,368,212	12,312,394	28.63	430,052
1993	61,575.00	27,721	28,290	36,979	29.46	1,255
1994	17,184.00	7,521	7,675	10,540	29.86	353
1995	6,976.00	2,964	3,025	4,370	30.25	144
1996	27,623.00	11,375	11,609	17,672	30.63	577
1997	1,716.00	684	698	1,121	30.99	36
1998	37,338.00	14,380	14,675	24,903	31.35	794
1999	25,692.00	9,539	9,735	17,499	31.70	552
2000	148,808.00	53,178	54,270	103,466	32.03	3,230
2001	79,381.00	27,221	27,780	56,364	32.35	1,742
2002	56,249.00	18,463	18,842	40,782	32.66	1,249
2003	80,743.00	25,266	25,785	59,803	32.97	1,814
2004	91,500.00	27,211	27,770	69,220	33.26	2,081
2005	40,744.00	11,464	11,699	31,489	33.54	939
2006	105,077.00	27,845	28,417	82,965	33.81	2,454
2007	152,923.00	37,910	38,689	123,410	34.07	3,622
2008	359,342.18	82,782	84,482	296,420	34.32	8,637

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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)
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -6						
2009	34,607.55	7,350	7,501	29,183	34.56	844
2010	319,639.95	61,858	63,128	275,690	34.79	7,924
2011	49,744.26	8,660	8,838	43,891	35.01	1,254
2012	126,843.61	19,511	19,912	114,543	35.23	3,251
2013	190,700.03	25,349	25,870	176,272	35.43	4,975
2014	523,383.01	58,125	59,319	495,467	35.63	13,906
2015	1,913,407.00	168,707	172,172	1,856,039	35.82	51,816
2016	594,994.88	38,340	39,127	591,567	36.00	16,432
2017	199,275.53	7,925	8,088	203,144	36.17	5,616
2018	772,460.68	10,456	10,671	808,138	36.34	22,238
	28,870,301.41	11,746,874	11,988,137	18,614,382		616,113
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
1973	919,241.25	641,841	655,023	310,180	17.88	17,348
1974	159.71	110	112	55	18.23	3
1975	225,717.31	153,912	157,073	79,930	18.56	4,307
1976	11,724.02	7,898	8,060	4,250	18.89	225
1977	11,630.22	7,738	7,897	4,315	19.21	225
1978	67,713.94	44,479	45,393	25,707	19.53	1,316
1979	17,270.78	11,197	11,427	6,707	19.84	338
1980	15,321.53	9,802	10,003	6,084	20.14	302
1981	13,475.20	8,504	8,679	5,470	20.43	268
1982	16,427.87	10,222	10,432	6,817	20.72	329
1983	3,599.27	2,207	2,252	1,527	21.00	73
1984	5,292.76	3,198	3,264	2,294	21.27	108
1985	8,630.53	5,135	5,240	3,822	21.53	178
1986	21,705.43	12,710	12,971	9,820	21.78	451
1987	2,526.46	1,455	1,485	1,168	22.03	53
1988	19,075.08	10,802	11,024	9,005	22.26	405
1989	208,233.91	115,814	118,193	100,453	22.49	4,467
1993	80,011.69	41,086	41,930	42,082	23.33	1,804
1994	25,003.11	12,556	12,814	13,439	23.52	571
1995	5,611.37	2,752	2,809	3,083	23.70	130
1996	2,864.57	1,370	1,398	1,610	23.87	67
1997	21,181.22	9,870	10,073	12,168	24.04	506

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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)
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
1998	10,126.79	4,587	4,681	5,952	24.20	246
1999	998.65	439	448	601	24.36	25
2000	31,081.18	13,233	13,505	19,130	24.50	781
2001	26,397.99	10,852	11,075	16,643	24.65	675
2002	1,605.97	636	649	1,037	24.78	42
2003	2,728.27	1,038	1,059	1,805	24.91	72
2006	32,707.89	10,767	10,988	23,355	25.27	924
2007	74,184.75	23,025	23,498	54,396	25.38	2,143
2008	65,638.02	19,068	19,460	49,460	25.49	1,940
2009	7,419.46	2,002	2,043	5,747	25.59	225
2010	4,366.16	1,084	1,106	3,478	25.68	135
2011	25,214.90	5,675	5,792	20,684	25.77	803
2012	44,769.97	8,984	9,169	37,840	25.86	1,463
2013	198,344.46	34,655	35,367	172,895	25.95	6,663
2014	29,868.54	4,402	4,492	26,870	26.03	1,032
2015	267,413.52	31,686	32,337	248,447	26.10	9,519
2016	850,014.84	74,088	75,610	816,906	26.18	31,203
2017	90,247.52	4,895	4,996	89,764	26.25	3,420
2018	434,901.54	8,183	8,351	448,296	26.31	17,039
	3,900,447.65	1,373,957	1,402,176	2,693,294		111,824
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
1971	317,370.00	226,626	231,281	101,958	17.19	5,931
1979	1,796.00	1,164	1,188	698	19.84	35
1980	632.00	404	412	251	20.14	12
1984	4,922.00	2,974	3,035	2,133	21.27	100
1985	214.00	127	130	95	21.53	4
1986	5,561.00	3,256	3,323	2,516	21.78	116
1987	1,774.00	1,022	1,043	820	22.03	37
1988	1,534.00	869	887	724	22.26	33
1989	169,564.00	94,307	96,244	81,798	22.49	3,637
1993	61,767.00	31,718	32,369	32,486	23.33	1,392
1994	135,280.00	67,934	69,329	72,715	23.52	3,092
1997	3,461.00	1,613	1,646	1,988	24.04	83
2001	4,216.00	1,733	1,769	2,658	24.65	108

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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)
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
2002	609.00	241	246	394	24.78	16
2003	9,135.00	3,476	3,547	6,044	24.91	243
2004	3,853.00	1,403	1,432	2,614	25.04	104
2008	10,133.51	2,944	3,004	7,636	25.49	300
2011	45,627.46	10,268	10,479	37,430	25.77	1,452
2012	35,565.20	7,137	7,284	30,060	25.86	1,162
2013	23,222.95	4,058	4,141	20,243	25.95	780
2014	12,026.92	1,773	1,809	10,819	26.03	416
2015	2,152.06	255	260	1,999	26.10	77
2016	3,979.41	347	354	3,824	26.18	146
2017	1,877.00	102	104	1,867	26.25	71
2018	521.00	10	10	537	26.31	20
	856,793.51	465,761	475,327	424,306		19,367
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1970	1,481.11	1,158	1,182	551	18.17	30
1972	99.99	76	78	39	19.12	2
1973	517.87	388	396	210	19.60	11
1982	686.14	445	454	349	23.81	15
1983	672.90	428	437	351	24.25	14
1985	256.66	157	160	140	25.12	6
1987	4,084.11	2,401	2,450	2,328	25.95	90
1988	2,067.42	1,190	1,214	1,204	26.35	46
1989	62,597.09	35,234	35,958	37,281	26.75	1,394
1991	18,721.37	10,061	10,268	11,636	27.50	423
1992	1,601.49	839	856	1,018	27.87	37
1993	3,190.46	1,630	1,663	2,069	28.22	73
1998	2,498.60	1,100	1,123	1,801	29.83	60
1999	4,479.52	1,904	1,943	3,298	30.12	109
2001	7,817.29	3,078	3,141	6,005	30.67	196
2002	933.79	352	359	733	30.94	24
2003	3,687.42	1,329	1,356	2,958	31.19	95
2004	27,900.42	9,572	9,769	22,875	31.43	728
2008	26,469.85	7,082	7,227	23,742	32.31	735
2009	18,074.27	4,464	4,556	16,591	32.51	510

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FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
2011	1,290.27	262	267	1,242	32.88	38
2012	17,334.53	3,120	3,184	17,097	33.06	517
2013	35,132.90	5,469	5,581	35,524	33.23	1,069
2014	14,088.20	1,838	1,876	14,607	33.39	437
2015	13,007.03	1,352	1,380	13,838	33.54	413
2016	31,585.41	2,400	2,449	34,506	33.69	1,024
2017	12,193.82	571	583	13,684	33.83	404
2018	22,921.65	366	374	26,445	33.97	778
	335,391.58	98,266	100,284	292,124		9,278
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1978	244.51	170	173	113	21.97	5
1982	652.69	423	432	332	23.81	14
1983	3,745.41	2,383	2,432	1,950	24.25	80
1988	805.70	464	474	469	26.35	18
1989	47,940.86	26,985	27,539	28,552	26.75	1,067
1991	20,682.65	11,114	11,342	12,856	27.50	467
1993	2,966.68	1,515	1,546	1,925	28.22	68
1994	6,480.74	3,223	3,289	4,293	28.56	150
1995	381.31	184	188	258	28.90	9
1998	1,580.53	696	710	1,139	29.83	38
2000	43,761.43	17,928	18,296	32,905	30.40	1,082
2001	589.01	232	237	452	30.67	15
2002	4,574.05	1,725	1,760	3,591	30.94	116
2003	1,280.19	462	471	1,026	31.19	33
2008	11,140.33	2,981	3,042	9,992	32.31	309
2009	1,830.42	452	461	1,680	32.51	52
2010	2,725.39	615	628	2,561	32.70	78
2011	451.58	92	94	434	32.88	13
2012	23,110.49	4,159	4,244	22,795	33.06	690
2013	98,500.64	15,335	15,650	99,596	33.23	2,997
2014	1,840.63	240	245	1,909	33.39	57
2015	12,866.57	1,337	1,364	13,689	33.54	408

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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)
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
2016	78,090.90	5,934	6,056	85,310	33.69	2,532
2017	127,722.14	5,979	6,102	143,333	33.83	4,237
2018	21,918.34	350	357	25,287	33.97	744
	515,883.19	104,978	107,134	496,449		15,279
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -4						
2006	22,698.00	6,188	6,315	17,291	31.89	542
2011	7,200,665.65	1,302,059	1,328,801	6,159,891	32.88	187,345
2012	2,586.72	414	423	2,268	33.06	69
2013	205.28	28	29	185	33.23	6
2015	1,526.05	141	144	1,443	33.54	43
2016	4,069.57	275	281	3,952	33.69	117
2017	142,777.04	5,941	6,063	142,425	33.83	4,210
	7,374,528.31	1,315,046	1,342,055	6,327,454		192,332
GASTON SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -17						
1982	641.00	506	516	234	15.02	16
1983	3,015.00	2,359	2,407	1,120	15.13	74
1985	2,219.00	1,700	1,735	861	15.35	56
1986	1,648.00	1,249	1,275	654	15.45	42
1987	428.00	321	328	173	15.55	11
1988	862.00	638	651	357	15.64	23
1989	425.00	311	317	180	15.73	11
1991	2,181.00	1,551	1,583	969	15.89	61
1993	21,119.00	14,565	14,864	9,845	16.04	614
1996	9,564.00	6,250	6,378	4,812	16.25	296
1997	663.00	425	434	342	16.31	21
1998	493.00	309	315	261	16.37	16
2002	14,074.78	7,932	8,095	8,373	16.57	505
2003	2,348.00	1,280	1,306	1,441	16.62	87

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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)
GASTON SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -17						
2007	30,331.03	13,961	14,248	21,240	16.79	1,265
2008	27,515.94	11,981	12,227	19,967	16.82	1,187
2009	626.54	256	261	472	16.86	28
2010	2,295.75	871	889	1,797	16.89	106
2011	3,525.55	1,227	1,252	2,873	16.93	170
2013	11,240.89	3,118	3,182	9,970	16.99	587
2014	2,411.87	573	585	2,237	17.01	132
2016	146,495.89	21,206	21,641	149,759	17.07	8,773
2017	3,029.10	277	283	3,261	17.09	191
	287,153.34	92,866	94,773	241,196		14,272
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -23						
1973	820.80	647	660	349	19.60	18
1978	2,502.91	1,827	1,865	1,214	21.97	55
1984	725.86	476	486	407	24.69	16
1985	2,778.96	1,789	1,826	1,592	25.12	63
1987	1,031.25	637	650	618	25.95	24
1989	103,799.21	61,422	62,683	64,990	26.75	2,430
1990	2,882.88	1,667	1,701	1,845	27.13	68
1991	23,202.29	13,108	13,377	15,162	27.50	551
1993	7,027.57	3,774	3,852	4,792	28.22	170
1994	31,940.21	16,701	17,044	22,242	28.56	779
1995	9,553.34	4,854	4,954	6,797	28.90	235
1997	2,420.49	1,158	1,182	1,795	29.53	61
1998	16,165.45	7,480	7,634	12,250	29.83	411
1999	1,637.33	732	747	1,267	30.12	42
2001	8,268.07	3,423	3,493	6,676	30.67	218
2007	30,296.84	9,159	9,347	27,918	32.10	870
2008	11,517.53	3,240	3,307	10,860	32.31	336
2009	14,540.48	3,776	3,854	14,031	32.51	432
2010	18,363.32	4,355	4,444	18,142	32.70	555
2011	21,795.77	4,661	4,757	22,052	32.88	671
2012	5,801.67	1,098	1,121	6,016	33.06	182
2013	2,952.06	483	493	3,138	33.23	94
2014	16,021.89	2,197	2,242	17,465	33.39	523

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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)
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -23						
2015	1,944.71	212	216	2,176	33.54	65
2016	22,240.99	1,777	1,813	25,543	33.69	758
2017	85,734.53	4,219	4,306	101,148	33.83	2,990
2018	4,194.80	70	71	5,088	33.97	150
	450,161.21	154,942	158,124	395,574		12,767
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -24						
1974	307.01	240	245	136	20.08	7
1979	759.98	550	561	381	22.44	17
1981	4,550.51	3,182	3,247	2,395	23.36	103
1982	3,093.40	2,125	2,169	1,667	23.81	70
1983	1,300.89	877	895	718	24.25	30
1984	6,733.35	4,455	4,547	3,803	24.69	154
1985	982.78	638	651	568	25.12	23
1986	847.14	539	550	500	25.54	20
1987	111,398.35	69,411	70,837	67,297	25.95	2,593
1989	3,682.53	2,197	2,242	2,324	26.75	87
1991	18,991.52	10,816	11,038	12,511	27.50	455
1993	5,969.15	3,232	3,298	4,103	28.22	145
1995	957.36	490	500	687	28.90	24
1996	26,181.35	13,022	13,289	19,175	29.22	656
1999	1,285.03	579	591	1,003	30.12	33
2001	2,955.72	1,234	1,259	2,406	30.67	78
2002	6,223.25	2,488	2,539	5,178	30.94	167
2006	32,702.17	10,630	10,848	29,702	31.89	931
2007	31,877.10	9,715	9,915	29,613	32.10	923
2008	17,892.85	5,074	5,178	17,009	32.31	526
2009	1,834.22	480	490	1,785	32.51	55
2010	6,808.09	1,628	1,661	6,781	32.70	207
2011	31,674.54	6,829	6,969	32,307	32.88	983
2012	3,104.89	592	604	3,246	33.06	98
2013	94,578.52	15,605	15,926	101,352	33.23	3,050
2014	905.20	125	128	995	33.39	30
2015	18,213.95	2,006	2,047	20,538	33.54	612

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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)
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -24						
2016	36,594.48	2,947	3,008	42,370	33.69	1,258
2017	10,402.80	516	527	12,373	33.83	366
2018	44,811.90	758	774	54,793	33.97	1,613
	527,620.03	172,980	176,533	477,716		15,314
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -19						
1978	248.00	206	210	85	14.51	6
1979	1,492.00	1,232	1,257	518	14.65	35
1980	1,459.00	1,194	1,219	518	14.78	35
1982	1,277.00	1,026	1,047	473	15.02	31
1983	998.00	794	810	377	15.13	25
1984	414.00	326	333	160	15.24	10
1986	2,883.00	2,222	2,268	1,163	15.45	75
1987	1,426.00	1,086	1,108	589	15.55	38
1989	289.00	215	219	124	15.73	8
1990	10,977.00	8,051	8,216	4,846	15.81	307
1991	2,181.00	1,577	1,609	986	15.89	62
1992	20,654.00	14,716	15,018	9,560	15.97	599
1993	1,886.00	1,323	1,350	894	16.04	56
1994	1,976.00	1,363	1,391	960	16.11	60
1995	16,363.00	11,088	11,316	8,156	16.18	504
1996	96,487.00	64,131	65,448	49,371	16.25	3,038
1997	1,740.00	1,133	1,156	914	16.31	56
1998	1,590.00	1,013	1,034	858	16.37	52
2002	17,760.00	10,180	10,389	10,745	16.57	648
2007	23,526.70	11,014	11,240	16,757	16.79	998
2008	38,533.88	17,065	17,416	28,440	16.82	1,691
2009	1,836.32	763	779	1,407	16.86	83
2011	17,808.30	6,305	6,435	14,757	16.93	872
2012	2,135.68	683	697	1,844	16.96	109
2013	29,248.84	8,252	8,422	26,385	16.99	1,553
2014	2,455.12	593	605	2,316	17.01	136
2015	15,081.88	2,971	3,032	14,915	17.04	875

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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)
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2036						
NET SALVAGE PERCENT.. -19						
2016	14,364.37	2,115	2,158	14,935	17.07	875
2017	9,670.68	900	918	10,590	17.09	620
2018	41,777.31	1,384	1,412	48,303	17.11	2,823
	378,539.08	174,921	178,514	271,948		16,280
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -8						
1970	427.68	309	315	147	18.17	8
1972	18.18	13	13	6	19.12	
1977	966.70	630	643	401	21.50	19
1979	244.85	154	157	107	22.44	5
1984	423.22	244	249	208	24.69	8
1986	385.71	214	218	198	25.54	8
1987	73,835.64	40,070	40,893	38,849	25.95	1,497
1990	5,591.38	2,840	2,898	3,140	27.13	116
1991	17,713.30	8,787	8,967	10,163	27.50	370
1993	7,675.51	3,619	3,693	4,596	28.22	163
1994	408.06	187	191	250	28.56	9
1995	914.84	408	416	572	28.90	20
1996	40,807.21	17,678	18,041	26,031	29.22	891
1997	25,918.13	10,885	11,109	16,883	29.53	572
1998	15,696.65	6,377	6,508	10,444	29.83	350
1999	2,304.65	904	923	1,566	30.12	52
2000	11,723.07	4,433	4,524	8,137	30.40	268
2001	5,218.73	1,897	1,936	3,700	30.67	121
2002	4,799.52	1,671	1,705	3,478	30.94	112
2003	498.77	166	169	369	31.19	12
2008	36,191.89	8,939	9,123	29,965	32.31	927
2009	1,816.68	414	423	1,540	32.51	47
2010	1,698.24	354	361	1,473	32.70	45
2011	18,871.31	3,544	3,617	16,764	32.88	510
2012	165,803.50	27,546	28,112	150,956	33.06	4,566
2013	21,343.71	3,067	3,130	19,921	33.23	599
2014	1,833.64	221	226	1,755	33.39	53

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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)
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -8						
2016	117,560.35	8,246	8,415	118,550	33.69	3,519
2017	41,795.04	1,806	1,843	43,296	33.83	1,280
2018	5,024.10	74	76	5,351	33.97	158
	627,510.26	155,697	158,895	518,816		16,305
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
1970	1,585.00	1,239	1,264	590	18.17	32
1972	35.00	27	28	13	19.12	1
1978	144.00	100	102	66	21.97	3
1982	1,081.00	701	715	549	23.81	23
1985	2,476.00	1,516	1,547	1,350	25.12	54
1986	8,949.00	5,371	5,481	4,989	25.54	195
1987	4,815.00	2,831	2,889	2,744	25.95	106
1988	1,062.00	611	624	619	26.35	23
1989	97,322.00	54,780	55,905	57,962	26.75	2,167
1991	3,017.00	1,621	1,654	1,876	27.50	68
1992	59,762.00	31,326	31,969	37,952	27.87	1,362
1993	4,961.00	2,534	2,586	3,218	28.22	114
1994	299.00	149	152	198	28.56	7
1995	1,151.00	556	567	779	28.90	27
1996	39,531.00	18,552	18,933	27,318	29.22	935
2000	477.00	195	199	359	30.40	12
2001	776.00	306	312	596	30.67	19
2003	1,223.00	441	450	981	31.19	31
2005	24,644.00	8,015	8,180	20,654	31.66	652
2007	39,274.80	11,294	11,526	34,426	32.10	1,072
2008	15,923.91	4,261	4,349	14,282	32.31	442
2009	1,836.32	454	463	1,685	32.51	52
2010	10,683.97	2,410	2,460	10,041	32.70	307
2011	22,301.92	4,537	4,630	21,463	32.88	653
2012	7,834.74	1,410	1,439	7,728	33.06	234
2013	38,641.18	6,016	6,140	39,071	33.23	1,176

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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)
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -17						
2014	64,480.84	8,412	8,585	66,858	33.39	2,002
2016	40,811.15	3,101	3,165	44,584	33.69	1,323
2017	2,592.58	121	123	2,910	33.83	86
	497,691.41	172,887	176,438	405,861		13,178
TUXEDO						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -19						
1984	4,225.17	3,079	3,142	1,886	18.54	102
1985	1,013.36	729	744	462	18.72	25
1986	1,879.45	1,333	1,360	876	18.89	46
1987	9,065.28	6,342	6,472	4,315	19.05	227
1988	9,667.40	6,664	6,801	4,703	19.21	245
1989	50,377.26	34,203	34,906	25,043	19.36	1,294
1993	22,286.77	14,120	14,410	12,111	19.90	609
1998	581.43	330	337	355	20.46	17
2000	0.26		0			
2001	4,133.98	2,146	2,190	2,729	20.75	132
2002	625.61	314	320	424	20.83	20
2003	149.02	72	73	104	20.91	5
2007	34,036.79	13,632	13,912	26,592	21.21	1,254
2008	8,642.37	3,257	3,324	6,961	21.27	327
2009	1,828.34	642	655	1,521	21.34	71
2010	1,116.39	362	369	959	21.40	45
2012	4,181.90	1,109	1,132	3,845	21.51	179
2014	27,620.66	5,444	5,556	27,313	21.61	1,264
2015	5,543.35	881	899	5,697	21.66	263
2016	12,942.58	1,534	1,565	13,836	21.70	638
2017	20,437.88	1,510	1,541	22,780	21.75	1,047
	220,355.25	97,703	99,710	162,513		7,810

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WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -16						
1977	623.19	436	445	278	21.50	13
1978	462.70	318	325	212	21.97	10
1982	877.37	564	576	442	23.81	19
1983	166.06	105	107	85	24.25	4
1985	1,854.45	1,126	1,149	1,002	25.12	40
1987	639.33	373	381	361	25.95	14
1988	515.33	294	300	298	26.35	11
1989	50,115.14	27,967	28,541	29,592	26.75	1,106
1990	758.46	414	423	457	27.13	17
1991	20,599.14	10,975	11,200	12,695	27.50	462
1993	4,116.07	2,085	2,128	2,647	28.22	94
1995	4,792.97	2,297	2,344	3,216	28.90	111
1996	4,960.34	2,308	2,355	3,399	29.22	116
1997	56,889.76	25,662	26,189	39,803	29.53	1,348
1998	15,034.28	6,561	6,696	10,744	29.83	360
1999	6,667.85	2,810	2,868	4,867	30.12	162
2000	1,836.02	746	761	1,368	30.40	45
2001	6,845.61	2,673	2,728	5,213	30.67	170
2002	15,999.97	5,983	6,106	12,454	30.94	403
2003	2,912.56	1,041	1,062	2,316	31.19	74
2007	45,520.19	12,977	13,244	39,560	32.10	1,232
2008	57,613.53	15,284	15,598	51,234	32.31	1,586
2009	4,228.51	1,036	1,057	3,848	32.51	118
2010	866.65	194	198	807	32.70	25
2011	10,173.28	2,052	2,094	9,707	32.88	295
2013	651.72	101	103	653	33.23	20
2014	2,211.75	286	292	2,274	33.39	68
2015	11,290.54	1,163	1,187	11,910	33.54	355
2016	34,303.92	2,585	2,638	37,154	33.69	1,103
2017	83,926.26	3,895	3,975	93,379	33.83	2,760
2018	47,514.72	752	767	54,350	33.97	1,600
	494,967.67	135,063	137,837	436,325		13,741

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WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -15						
1974	186.26	135	138	76	20.08	4
1979	1,735.64	1,165	1,189	807	22.44	36
1982	268.24	171	175	134	23.81	6
1985	1,324.56	797	813	710	25.12	28
1986	3,343.56	1,972	2,012	1,833	25.54	72
1987	5,996.30	3,465	3,536	3,360	25.95	129
1988	1,264.99	716	731	724	26.35	27
1989	104,014.47	57,546	58,728	60,889	26.75	2,276
1991	9,493.30	5,014	5,117	5,800	27.50	211
1993	3,840.11	1,928	1,968	2,449	28.22	87
1995	864.33	411	419	575	28.90	20
1996	2,563.19	1,182	1,206	1,741	29.22	60
1997	1,491.28	667	681	1,034	29.53	35
1998	11,569.55	5,005	5,108	8,197	29.83	275
1999	345.41	144	147	250	30.12	8
2001	1,418.71	549	560	1,071	30.67	35
2002	5,008.17	1,857	1,895	3,864	30.94	125
2003	567.14	201	205	447	31.19	14
2006	58,819.91	17,733	18,097	49,546	31.89	1,554
2007	6,462.46	1,827	1,865	5,567	32.10	173
2008	48,246.22	12,688	12,949	42,535	32.31	1,316
2009	3,077.50	747	762	2,777	32.51	85
2010	2,350.64	521	532	2,172	32.70	66
2011	94,966.15	18,989	19,379	89,832	32.88	2,732
2012	7,355.10	1,301	1,328	7,131	33.06	216
2013	6,674.03	1,021	1,042	6,633	33.23	200
2014	12,789.56	1,640	1,674	13,034	33.39	390
2015	3,157.82	323	330	3,302	33.54	98
2016	24,683.84	1,844	1,882	26,505	33.69	787
2017	172,651.67	7,944	8,107	190,442	33.83	5,629
2018	42,976.05	675	689	48,734	33.97	1,435
	639,506.16	150,178	153,262	582,170		18,129

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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)
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -108						
1993	44,468.85	40,384	41,214	51,282	28.22	1,817
1994	18,402.05	16,272	16,606	21,670	28.56	759
1995	22,356.25	19,209	19,604	26,897	28.90	931
1996	6,445.88	5,378	5,488	7,919	29.22	271
1997	14,651.66	11,851	12,094	18,381	29.53	622
2000	24,656.83	17,958	18,327	32,959	30.40	1,084
2009	2,854.95	1,254	1,280	4,659	32.51	143
2010	498.11	200	204	832	32.70	25
2011	107.65	39	40	184	32.88	6
2012	396.45	127	130	695	33.06	21
2013	562.76	156	159	1,011	33.23	30
2015	54,635.60	10,095	10,302	103,340	33.54	3,081
2016	68,157.74	9,208	9,397	132,371	33.69	3,929
2017	1,692.02	141	144	3,376	33.83	100
	259,886.80	132,272	134,989	405,576		12,819
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -25						
1974	5,664.88	4,471	4,563	2,518	20.08	125
1977	446.29	336	343	215	21.50	10
1978	294.41	218	222	146	21.97	7
1980	1,720.96	1,234	1,259	892	22.90	39
1982	1,344.45	931	950	730	23.81	31
1983	685.43	466	476	381	24.25	16
1989	51,596.82	31,028	31,665	32,831	26.75	1,227
1990	17,324.98	10,183	10,392	11,264	27.13	415
1991	18,904.43	10,854	11,077	12,554	27.50	457
1995	45,127.78	23,302	23,781	32,629	28.90	1,129
1996	5,621.09	2,818	2,876	4,150	29.22	142
1997	1,078.74	524	535	814	29.53	28
1998	352.36	166	169	271	29.83	9
2000	11,573.27	5,065	5,169	9,298	30.40	306
2008	15,697.12	4,487	4,579	15,042	32.31	466
2011	17,279.35	3,755	3,832	17,767	32.88	540
2013	5,037.39	838	855	5,442	33.23	164

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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)
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -25						
2016	19,892.90	1,615	1,648	23,218	33.69	689
2017	25,062.40	1,253	1,279	30,049	33.83	888
2018	5,990.25	102	104	7,384	33.97	217
	250,695.30	103,646	105,775	207,594		6,905
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -11						
2001	22,634.00	10,961	11,186	13,938	20.75	672
2002	1,835.00	859	877	1,160	20.83	56
2008	41,296.85	14,519	14,817	31,022	21.27	1,458
2011	45,054.21	12,437	12,692	37,318	21.45	1,740
2018	54,919.34	1,314	1,341	59,619	21.79	2,736
	165,739.40	40,090	40,913	143,058		6,662
NPL BRYSON						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -29						
1993	265.00	182	186	156	19.90	8
2008	19,185.82	7,839	8,000	16,750	21.27	787
2010	18,689.24	6,572	6,707	17,402	21.40	813
2011	9,607.83	3,082	3,145	9,249	21.45	431
2014	50,239.09	10,735	10,955	53,853	21.61	2,492
2017	8,221.95	659	673	9,934	21.75	457
	106,208.93	29,069	29,666	107,344		4,988
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -24						
1974	272.00	231	236	102	16.41	6
2001	20,938.00	11,327	11,560	14,404	20.75	694

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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)
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -24						
2002	1,835.00	960	980	1,296	20.83	62
2008	14,085.54	5,532	5,646	11,820	21.27	556
2011	45,421.39	14,007	14,295	42,028	21.45	1,959
2018	41,685.92	1,114	1,137	50,554	21.79	2,320
	124,237.85	33,171	33,852	120,203		5,597
NPL FRANKLIN						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -22						
1985	72.00	53	54	34	18.72	2
1989	107.00	74	76	55	19.36	3
1993	265.00	172	176	148	19.90	7
1994	4,515.00	2,874	2,933	2,575	20.03	129
2001	6,645.00	3,537	3,610	4,497	20.75	217
2002	40,262.00	20,722	21,147	27,972	20.83	1,343
2014	58,553.80	11,833	12,076	59,360	21.61	2,747
	110,419.80	39,265	40,071	94,641		4,448
NPL MISSION						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -34						
1977	159.00	141	144	69	17.12	4
1993	265.00	189	193	162	19.90	8
1994	4,824.00	3,373	3,442	3,022	20.03	151
2014	49,452.09	10,976	11,202	55,064	21.61	2,548
2017	11,812.44	983	1,003	14,825	21.75	682
	66,512.53	15,662	15,984	73,143		3,393

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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)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -11						
1973	54.83	42	43	18	16.56	1
1989	2,597.22	1,618	1,651	1,232	20.03	62
1990	6,602.48	4,046	4,129	3,200	20.19	158
1992	16,486.88	9,753	9,953	8,347	20.48	408
1993	6,741.90	3,913	3,993	3,490	20.62	169
1998	19,133.72	9,904	10,107	11,131	21.24	524
2000	31,733.26	15,512	15,831	19,393	21.45	904
2001	84,770.64	40,137	40,961	53,134	21.55	2,466
2002	55,883.97	25,547	26,072	35,960	21.65	1,661
2003	14,014.56	6,170	6,297	9,259	21.74	426
2006	10,989.23	4,222	4,309	7,889	21.99	359
2007	30,457.45	11,070	11,297	22,510	22.06	1,020
2008	111,007.20	37,887	38,665	84,553	22.14	3,819
2009	11,841.10	3,766	3,843	9,300	22.21	419
2010	34,012.82	9,987	10,192	27,562	22.27	1,238
2011	53,738.76	14,375	14,670	44,980	22.33	2,014
2012	126,918.83	30,347	30,970	109,910	22.40	4,907
2013	18,818.10	3,947	4,028	16,860	22.45	751
2014	115,164.17	20,422	20,841	106,991	22.51	4,753
2015	91,638.27	13,118	13,387	88,331	22.56	3,915
2016	17,386.59	1,845	1,883	17,416	22.61	770
2017	259,978.60	17,242	17,596	270,980	22.66	11,959
2018	119,746.06	2,751	2,807	130,111	22.71	5,729
	1,239,716.64	287,621	293,528	1,082,557		48,432
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2032						
NET SALVAGE PERCENT.. -79						
2000	84,308.00	86,471	88,247	62,665	12.93	4,846
2002	100,357.00	97,905	99,916	79,723	12.99	6,137
2011	17,001.98	10,790	11,012	19,422	13.18	1,474
	201,666.98	195,166	199,174	161,810		12,457

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DUKE ENERGY CAROLINAS

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)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -20						
1993	265.00	169	172	146	19.90	7
2001	842.00	441	450	560	20.75	27
2002	42,099.00	21,312	21,750	28,769	20.83	1,381
2008	16,282.01	6,189	6,316	13,222	21.27	622
2012	123,805.85	33,116	33,796	114,771	21.51	5,336
2018	41,703.17	1,078	1,100	48,944	21.79	2,246
	224,997.03	62,305	63,585	206,411		9,619
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -18						
1980	1,420.00	1,076	1,098	578	17.77	33
1985	1,853.00	1,321	1,348	838	18.72	45
1989	172.00	116	118	85	19.36	4
1992	2,411.00	1,543	1,575	1,270	19.78	64
1993	5,928.00	3,724	3,800	3,195	19.90	161
2000	9,983.00	5,304	5,413	6,367	20.66	308
2001	2,745.00	1,413	1,442	1,797	20.75	87
2002	5,052.00	2,515	2,567	3,395	20.83	163
2003	5,961.00	2,860	2,919	4,115	20.91	197
2006	11,121.00	4,665	4,761	8,362	21.14	396
2008	47,200.12	17,641	18,003	37,693	21.27	1,772
2009	2,888.77	1,006	1,027	2,382	21.34	112
2010	11,255.38	3,620	3,694	9,587	21.40	448
2011	50,800.27	14,908	15,214	44,730	21.45	2,085
2012	2,830.08	744	759	2,580	21.51	120
2013	169,207.16	38,978	39,779	159,886	21.56	7,416
2014	65,302.17	12,764	13,026	64,030	21.61	2,963
2015	116,707.78	18,399	18,777	118,938	21.66	5,491
2016	2,792.67	328	335	2,961	21.70	136
2017	118,920.67	8,714	8,893	131,433	21.75	6,043
2018	844,655.61	21,479	21,920	974,773	21.79	44,735
	1,479,206.68	163,118	166,468	1,578,996		72,779

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DUKE ENERGY CAROLINAS

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)
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -33						
1969	555.00	528	539	199	15.11	13
1990	1,367.00	1,021	1,042	776	19.50	40
1993	342.00	242	247	208	19.90	10
2000	4,090.00	2,449	2,499	2,940	20.66	142
2002	93.00	52	53	71	20.83	3
2008	20,581.85	8,670	8,848	18,526	21.27	871
2011	31,147.74	10,302	10,514	30,913	21.45	1,441
2017	22,373.33	1,848	1,886	27,871	21.75	1,281
2018	17,459.15	500	510	22,710	21.79	1,042
	98,009.07	25,612	26,138	104,214		4,843
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 55-R2						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -5						
1974	30,481.00	21,684	22,129	9,876	16.82	587
1975	1,622.00	1,142	1,165	538	17.08	31
1976	9,109.00	6,347	6,477	3,087	17.34	178
1977	7,420.00	5,115	5,220	2,571	17.59	146
1978	1,685.00	1,149	1,173	597	17.83	33
1979	2,024.00	1,365	1,393	732	18.07	41
1982	7,235.00	4,707	4,804	2,793	18.73	149
1983	1,104.00	709	724	436	18.94	23
1985	13,833.00	8,653	8,831	5,694	19.33	295
1986	10,669.00	6,583	6,718	4,484	19.51	230
1999	465.00	221	226	263	21.35	12
2002	284,671.00	123,101	125,629	173,275	21.65	8,003
2007	25,170.49	8,654	8,832	17,597	22.06	798
2008	394,538.97	127,378	129,994	284,272	22.14	12,840
2015	2,854.22	386	394	2,603	22.56	115
	792,881.68	317,194	323,709	508,817		23,481
	52,838,343.94	18,337,190	18,713,808	38,576,595		1,354,314

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 28.5 2.56

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DUKE ENERGY CAROLINAS

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)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -11						
1963	450,092.16	347,463	383,818	115,784	22.65	5,112
2012	1,790,323.54	302,044	333,647	1,653,612	36.21	45,667
	2,240,415.70	649,507	717,465	1,769,396		50,779
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -6						
1991	17,869,699.00	8,103,526	8,956,170	9,985,711	36.46	273,881
	17,869,699.00	8,103,526	8,956,170	9,985,711		273,881
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -5						
1973	414,590.00	282,675	312,251	123,069	23.76	5,180
1975	918.00	613	677	287	24.23	12
	415,508.00	283,288	312,928	123,355		5,192
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 6-2055						
NET SALVAGE PERCENT.. -25						
1988	633,636.00	374,891	414,116	377,929	33.56	11,261
	633,636.00	374,891	414,116	377,929		11,261

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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)
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -11						
1954	45,569.00	40,188	44,393	6,188	15.11	410
1955	7,207.00	6,306	6,966	1,034	15.52	67
	52,776.00	46,494	51,359	7,222		477
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -24						
1952	26,361.00	26,383	29,144	3,544	14.26	249
1970	2,444.00	2,129	2,352	679	19.79	34
1977	4,658.00	3,818	4,217	1,558	20.83	75
1995	96,275.00	61,340	67,758	51,623	22.16	2,330
	129,738.00	93,670	103,471	57,404		2,688
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -11						
1942	93,152.47	89,417	98,773	4,627	10.13	457
1955	2,981.00	2,597	2,869	440	15.81	28
1975	77,811.00	57,431	63,440	22,930	21.35	1,074
1990	8,497.00	5,217	5,763	3,669	22.87	160
2009	57,529.81	18,408	20,334	43,524	23.43	1,858
	239,971.28	173,070	191,178	75,190		3,577
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 6-2032						
NET SALVAGE PERCENT.. -79						
1949	2,830.00	4,357	4,813	253	10.14	25
	2,830.00	4,357	4,813	253		25

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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)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -20						
1955	72,465.00	68,546	75,718	11,240	15.52	724
1956	125.00	117	129	21	15.91	1
	72,590.00	68,663	75,847	11,261		725
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -18						
1941	29,471.00	30,273	33,441	1,335	9.70	138
2000	16,553.00	8,844	9,769	9,763	22.31	438
	46,024.00	39,117	43,210	11,098		576
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -33						
1950	8,678.00	9,460	10,450	1,092	13.39	82
	8,678.00	9,460	10,450	1,092		82
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. 0						
1919	84,399.00	80,730	84,399			
	84,399.00	80,730	84,399			
	21,796,264.98	9,926,773	10,965,406	12,419,911		349,263

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 35.6 1.60

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DUKE ENERGY CAROLINAS

ACCOUNT 340 RIGHTS OF WAY

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)
DAN RIVER						
INTERIM SURVIVOR CURVE.. IOWA 60-R4						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. 0						
1948	3,037.00	2,783	1,898	1,139	5.02	227
1949	454.00	414	282	172	5.31	32
1950	202.00	183	125	77	5.61	14
1976	4,000.00	2,671	1,821	2,179	19.84	110
	7,693.00	6,051	4,126	3,567		383

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 9.3 4.98

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DUKE ENERGY CAROLINAS

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)
LINCOLN						
INTERIM SURVIVOR CURVE.. IOWA 50-R3						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -5						
1995	26,230,704.25	16,383,777	14,629,525	12,912,715	15.29	844,520
1999	616,473.00	353,961	316,062	331,235	15.63	21,192
2002	99,156.00	52,465	46,847	57,266	15.83	3,618
2004	99,500.00	49,204	43,936	60,539	15.94	3,798
2008	56,055.51	23,014	20,550	38,308	16.12	2,376
2010	517,918.39	185,549	165,682	378,133	16.20	23,342
2013	138,706.05	36,528	32,617	113,024	16.28	6,943
2014	829,045.84	186,922	166,908	703,590	16.31	43,139
2016	20,960.78	2,899	2,589	19,420	16.35	1,188
2018	8,445.85	263	235	8,633	16.38	527
	28,616,965.67	17,274,582	15,424,949	14,622,865		950,643
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R3						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -5						
1949	508,692.36	494,495	441,548	92,579	3.71	24,954
1978	143,412.00	104,397	93,219	57,364	15.32	3,744
1979	37,129.00	26,539	23,697	15,288	15.94	959
1982	44,051.00	29,687	26,508	19,745	17.84	1,107
1989	365,842.00	209,956	187,475	196,659	22.25	8,839
1992	912,426.00	483,373	431,617	526,430	24.00	21,935
1994	19,185.00	9,590	8,563	11,581	25.09	462
1995	9,850.00	4,777	4,266	6,077	25.60	237
2006	88,083.00	26,667	23,812	68,675	29.94	2,294
2007	95,854.01	27,180	24,270	76,377	30.22	2,527
2008	192,255.49	50,727	45,296	156,573	30.48	5,137
2009	66,114.15	16,105	14,381	55,039	30.72	1,792
2010	84,573.29	18,814	16,800	72,002	30.95	2,326
2011	84,046.26	16,843	15,040	73,209	31.16	2,349
2012	122,529,968.95	21,749,376	19,420,615	109,235,853	31.36	3,483,286
2013	1,097,304.32	168,689	150,627	1,001,542	31.54	31,755
2014	449,119.56	57,787	51,600	419,976	31.72	13,240
2015	8,358,391.15	857,007	765,245	8,011,066	31.88	251,288

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ACCOUNT 341 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)
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R3						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -5						
2016	6,337,617.53	476,529	425,506	6,228,993	32.02	194,534
2017	3,657,748.11	168,988	150,894	3,689,741	32.16	114,731
2018	14,968.06	235	210	15,507	32.29	480
	145,096,631.24	24,997,761	22,321,187	130,030,276		4,167,976
LEE						
INTERIM SURVIVOR CURVE.. IOWA 50-R3						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -6						
2015	59,959.72	7,087	6,328	57,229	27.57	2,076
2017	433,348.34	23,418	20,911	438,438	27.74	15,805
	493,308.06	30,505	27,239	495,668		17,881
MILL CREEK						
INTERIM SURVIVOR CURVE.. IOWA 50-R3						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -5						
2002	26,024,634.57	11,310,723	10,099,655	17,226,211	22.57	763,235
2003	2,652,195.87	1,108,325	989,654	1,795,152	22.72	79,012
2007	110,456.00	37,830	33,779	82,199	23.24	3,537
2008	257,184.70	82,604	73,759	196,285	23.35	8,406
2013	74,900.24	14,610	13,046	65,600	23.80	2,756
2014	157,648.01	26,010	23,225	142,305	23.87	5,962
2016	275,847.71	27,136	24,230	265,410	23.99	11,063
2017	118,914.02	7,238	6,463	118,397	24.05	4,923
2018	110,797.53	2,319	2,071	114,267	24.10	4,741
	29,782,578.65	12,616,795	11,265,883	20,005,825		883,635
ROCKINGHAM						
INTERIM SURVIVOR CURVE.. IOWA 50-R3						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -3						
2008	609,932.21	208,736	186,386	441,844	20.72	21,325
2009	91,021.79	29,062	25,950	67,802	20.79	3,261

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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)
ROCKINGHAM						
INTERIM SURVIVOR CURVE.. IOWA 50-R3						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -3						
2010	132,745.00	39,152	34,960	101,767	20.86	4,879
2014	106,107.51	19,049	17,009	92,281	21.08	4,378
2015	6,574.00	955	853	5,918	21.12	280
2016	2,236,285.40	240,657	214,889	2,088,485	21.17	98,653
2017	160,955.39	10,887	9,721	156,063	21.20	7,361
2018	21,884.97	508	454	22,088	21.24	1,040
	3,365,506.27	549,006	490,223	2,976,248		141,177
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R3						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -5						
2009	216,900.15	53,878	48,109	179,636	29.98	5,992
2011	126,421,680.14	25,851,653	23,083,650	109,659,115	30.39	3,608,395
2013	410,122.60	64,444	57,544	373,085	30.74	12,137
2015	2,712,568.92	284,905	254,399	2,593,798	31.04	83,563
2016	2,468,165.88	190,273	169,900	2,421,674	31.17	77,692
2017	13,952,789.83	661,467	590,642	14,059,787	31.30	449,194
2018	1,666,598.62	26,879	24,001	1,725,928	31.42	54,931
	147,848,826.14	27,133,499	24,228,245	131,013,022		4,291,904
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R3						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -7						
2018	12,554,328.77	174,362	155,693	13,277,439	37.25	356,441
	12,554,328.77	174,362	155,693	13,277,439		356,441
	367,758,144.80	82,776,510	73,913,419	312,421,343		10,809,657

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 28.9 2.94

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DUKE ENERGY CAROLINAS

ACCOUNT 341.66 STRUCTURES AND IMPROVEMENTS - 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)
MOCKSVILLE						
INTERIM SURVIVOR CURVE.. IOWA 40-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -11						
2017	101,358.46	7,139	2,653	109,855	22.14	4,962
	101,358.46	7,139	2,653	109,855		4,962
WOODLEAF						
INTERIM SURVIVOR CURVE.. IOWA 40-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -10						
2018	154,628.59	3,463	1,287	168,804	24.06	7,016
	154,628.59	3,463	1,287	168,804		7,016
	255,987.05	10,602	3,940	278,659		11,978

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 23.3 4.68

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DUKE ENERGY CAROLINAS

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)
LINCOLN						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -5						
1995	12,524,617.00	7,753,214	10,111,495	3,039,353	15.17	200,353
1996	60,039.00	36,484	47,581	15,460	15.25	1,014
	12,584,656.00	7,789,698	10,159,076	3,054,813		201,367
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -5						
2012	19,017,566.15	3,344,315	4,361,549	15,606,895	30.77	507,211
2014	158,461.96	20,241	26,398	139,987	31.12	4,498
2015	746,596.49	76,041	99,170	684,756	31.28	21,891
2017	57,209.93	2,620	3,417	56,654	31.58	1,794
2018	434,509.38	6,802	8,871	447,364	31.71	14,108
	20,414,343.91	3,450,019	4,499,405	16,935,656		549,502
MILL CREEK						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -5						
2002	9,882,037.00	4,249,548	5,542,125	4,834,014	22.26	217,161
2003	5,019,249.61	2,074,724	2,705,789	2,564,423	22.41	114,432
2018	165,068.85	3,428	4,471	168,852	23.79	7,098
	15,066,355.46	6,327,700	8,252,384	7,567,289		338,691
ROCKINGHAM						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -3						
2010	37,224.11	10,901	14,217	24,124	20.59	1,172
2016	18,339.93	1,966	2,564	16,326	20.92	780
	55,564.04	12,867	16,781	40,450		1,952

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DUKE ENERGY CAROLINAS

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)
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -5						
2009	30,515.10	7,487	9,764	22,277	29.45	756
2011	28,004,720.47	5,672,510	7,397,906	22,007,050	29.83	737,749
2014	738,747.95	96,511	125,867	649,819	30.33	21,425
2015	230,041.70	23,983	31,278	210,266	30.48	6,898
2016	1,205,578.43	92,003	119,987	1,145,870	30.62	37,422
2017	19,492.85	916	1,195	19,273	30.75	627
2018	363,805.42	5,848	7,627	374,369	30.87	12,127
	30,592,901.92	5,899,258	7,693,624	24,428,923		817,004
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -7						
2018	21,061,946.20	292,746	381,790	22,154,492	36.48	607,305
	21,061,946.20	292,746	381,790	22,154,492		607,305
	99,775,767.53	23,772,288	31,003,060	74,181,623		2,515,821

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 29.5 2.52

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DUKE ENERGY CAROLINAS

ACCOUNT 342.02 FUEL HOLDERS, PRODUCERS AND ACCESSORIES - CAPITAL LEASE

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)
DAN RIVER COMBINED CYCLE (PIPELINE)						
INTERIM SURVIVOR CURVE.. SQUARE						
PROBABLE RETIREMENT YEAR.. 12-2041						
NET SALVAGE PERCENT.. 0						
2012	7,908,779.66	1,742,621	1,340,432	6,568,348	23.00	285,580
	7,908,779.66	1,742,621	1,340,432	6,568,348		285,580
DAN RIVER COMBINED CYCLE (PIPELINE HEATERS)						
INTERIM SURVIVOR CURVE.. SQUARE						
PROBABLE RETIREMENT YEAR.. 9-2037						
NET SALVAGE PERCENT.. 0						
2018	1,879,537.00	48,812	37,546	1,841,991	18.75	98,240
	1,879,537.00	48,812	37,546	1,841,991		98,240
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. SQUARE						
PROBABLE RETIREMENT YEAR.. 11-2030						
NET SALVAGE PERCENT.. 0						
2011	31,886,250.30	12,314,470	9,472,345	22,413,905	11.92	1,880,361
	31,886,250.30	12,314,470	9,472,345	22,413,905		1,880,361
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. SQUARE						
PROBABLE RETIREMENT YEAR.. 5-2037						
NET SALVAGE PERCENT.. 0						
2018	41,450,840.97	1,095,546	842,699	40,608,142	18.42	2,204,568
	41,450,840.97	1,095,546	842,699	40,608,142		2,204,568
	83,125,407.93	15,201,449	11,693,022	71,432,386		4,468,749

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 16.0 5.38

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DUKE ENERGY CAROLINAS

ACCOUNT 343 PRIME MOVERS

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)
LINCOLN						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -5						
1995	163,199,035.95	98,745,617	119,237,530	52,121,458	14.56	3,579,770
1996	51,329,072.00	30,480,076	36,805,370	17,090,156	14.65	1,166,564
1999	23,547.00	13,107	15,827	8,897	14.90	597
2000	30,437.00	16,531	19,962	11,997	14.97	801
2001	1,047,863.00	553,946	668,902	431,354	15.04	28,680
2002	3,961,288.00	2,033,258	2,455,204	1,704,148	15.11	112,783
2007	901,542.57	379,973	458,826	487,794	15.39	31,696
2008	6,835,256.67	2,726,693	3,292,542	3,884,477	15.44	251,585
2012	4,754,126.37	1,379,293	1,665,527	3,326,306	15.61	213,088
2013	12,665,068.17	3,249,179	3,923,456	9,374,866	15.65	599,033
2014	256,351.41	56,439	68,151	201,018	15.68	12,820
2015	6,308,840.44	1,132,024	1,366,944	5,257,338	15.72	334,436
2016	189,322.91	25,618	30,934	167,855	15.75	10,657
2017	518,612.59	44,375	53,584	490,959	15.78	31,113
2018	2,257,195.52	68,423	82,622	2,287,433	15.81	144,683
	254,277,559.60	140,904,552	170,145,382	96,846,056		6,518,306
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -5						
1977	992,627.12	672,976	812,633	229,625	15.88	14,460
1978	542,012.00	361,443	436,450	132,662	16.34	8,119
1988	272,369.00	149,526	180,556	105,431	20.89	5,047
1995	164,976.00	75,552	91,231	81,994	23.80	3,445
1998	77,255.00	32,113	38,777	42,341	24.92	1,699
2004	104,209.00	33,689	40,680	68,739	26.84	2,561
2007	148,561.00	40,264	48,620	107,369	27.65	3,883
2012	143,039,257.77	24,391,054	29,452,740	120,738,481	28.78	4,195,222
2013	573,162.34	84,598	102,154	499,666	28.98	17,242
2014	871,265.49	107,886	130,275	784,554	29.17	26,896
2015	1,048,748.66	103,666	125,179	976,007	29.35	33,254
2016	999,730.88	72,168	87,144	962,573	29.53	32,596
2017	2,065,431.46	92,322	111,481	2,057,222	29.69	69,290
2018	172,216.50	2,627	3,172	177,655	29.85	5,952
	151,071,822.22	26,219,884	31,661,093	126,964,320		4,419,666

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DUKE ENERGY CAROLINAS

ACCOUNT 343 PRIME MOVERS

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)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -6						
2007	53,366,371.29	16,134,426	19,482,679	37,085,675	24.56	1,510,003
2014	900,623.22	127,886	154,425	800,235	25.60	31,259
2015	2,835,747.86	323,314	390,409	2,615,484	25.72	101,691
2016	156,075.20	13,090	15,806	149,633	25.84	5,791
2017	188,966.75	9,835	11,876	188,429	25.95	7,261
2018	2,001,514.88	36,004	43,476	2,078,130	26.06	79,744
	59,449,299.20	16,644,555	20,098,671	42,917,586		1,735,749
MILL CREEK						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -5						
2002	93,098,041.22	38,899,806	46,972,381	50,780,562	21.06	2,411,233
2003	88,877,476.61	35,687,951	43,093,995	50,227,355	21.22	2,366,982
2011	140,988.40	34,004	41,061	106,977	22.20	4,819
2012	1,506,032.60	324,600	391,962	1,189,373	22.30	53,335
2013	122,358.31	23,068	27,855	100,621	22.39	4,494
2016	15,436.06	1,465	1,769	14,439	22.65	637
2017	30,402.26	1,802	2,176	29,746	22.73	1,309
2018	378,033.65	7,851	9,480	387,455	22.80	16,994
	184,168,769.11	74,980,547	90,540,679	102,836,529		4,859,803
ROCKINGHAM						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -3						
2007	1,819,340.04	639,007	771,615	1,102,305	19.48	56,586
2008	44,979.79	14,870	17,956	28,373	19.57	1,450
2009	146,094.02	45,099	54,458	96,019	19.65	4,886
2011	4,987,200.89	1,298,228	1,567,639	3,569,178	19.81	180,171
2012	29,009,735.51	6,775,595	8,181,682	21,698,346	19.88	1,091,466
2013	14,145,669.47	2,896,524	3,497,617	11,072,422	19.95	555,009
2014	12,888,707.89	2,248,317	2,714,893	10,560,476	20.01	527,760

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DUKE ENERGY CAROLINAS

ACCOUNT 343 PRIME MOVERS

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)
ROCKINGHAM						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -3						
2015	4,431,143.98	624,001	753,495	3,810,583	20.08	189,770
2017	3,649,853.40	240,523	290,437	3,468,912	20.19	171,813
2018	7,809,755.56	178,658	215,734	7,828,315	20.25	386,583
	78,932,480.55	14,960,822	18,065,526	63,234,929		3,165,494
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -5						
2009	302,235.18	71,889	86,808	230,539	27.52	8,377
2011	131,562,459.29	25,851,629	31,216,417	106,924,166	27.93	3,828,291
2013	1,190,949.49	179,997	217,350	1,033,147	28.31	36,494
2014	795,376.73	100,785	121,700	713,445	28.49	25,042
2015	274,159.40	27,687	33,433	254,435	28.66	8,878
2016	2,017,195.74	149,577	180,618	1,937,438	28.82	67,225
2018	564,751.97	8,824	10,655	582,334	29.12	19,998
	136,707,127.80	26,390,388	31,866,980	111,675,504		3,994,305
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -7						
2017	297,506.75	11,829	14,284	304,048	33.68	9,028
2018	401,559,097.39	5,504,050	6,646,263	423,021,971	33.92	12,471,167
	401,856,604.14	5,515,879	6,660,547	423,326,019		12,480,195
	1,266,463,662.62	305,616,627	369,038,878	967,800,943		37,173,518

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 26.0 2.94

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DUKE ENERGY CAROLINAS

ACCOUNT 343.1 PRIME MOVERS - ROTABLE PARTS

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)
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 5-R5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. +40						
2015	36,034,350.46	14,918,221	16,521,654	5,098,956	1.55	3,289,649
	36,034,350.46	14,918,221	16,521,654	5,098,956		3,289,649
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 5-R5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. +40						
2014	33,675,525.83	17,093,697	18,930,954	1,274,361	0.77	1,274,361
	33,675,525.83	17,093,697	18,930,954	1,274,361		1,274,361
	69,709,876.29	32,011,918	35,452,608	6,373,317		4,564,010

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 1.4 6.55

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DUKE ENERGY CAROLINAS

ACCOUNT 344 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)
LINCOLN						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -5						
1995	57,833,644.14	35,481,808	37,554,544	23,170,782	15.04	1,540,611
1996	18,557,009.07	11,179,828	11,832,919	7,651,941	15.11	506,416
2008	140,152.49	56,816	60,135	87,025	15.79	5,511
2009	4,170.22	1,588	1,681	2,698	15.83	170
2010	68,980.13	24,435	25,862	46,567	15.87	2,934
2011	32,866.94	10,700	11,325	23,185	15.91	1,457
2012	76,421.96	22,497	23,811	56,432	15.94	3,540
2013	53,060.80	13,824	14,632	41,082	15.97	2,572
2014	329,999.30	73,628	77,929	268,570	16.01	16,775
2015	617,743.97	112,674	119,256	529,375	16.03	33,024
2016	1,055,076.90	145,070	153,545	954,286	16.06	59,420
2018	162,642.69	5,041	5,335	165,439	16.11	10,269
	78,931,768.61	47,127,909	49,880,974	32,997,383		2,182,699
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -5						
2012	237,473,301.82	41,351,701	43,767,337	205,579,630	30.18	6,811,784
2015	327,031.52	32,972	34,898	308,485	30.69	10,052
2017	522,396.39	23,871	25,265	523,251	30.99	16,885
	238,322,729.73	41,408,544	43,827,501	206,411,365		6,838,721
MILL CREEK						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -5						
2003	1,362.72	557	590	841	22.09	38
2008	34,915.19	11,021	11,665	24,996	22.66	1,103
2009	7,029.61	2,065	2,186	5,195	22.76	228
2010	33,669.79	9,105	9,637	25,716	22.86	1,125
2011	27,955.60	6,875	7,277	22,077	22.95	962
2012	53,248.57	11,704	12,388	43,523	23.04	1,889
2013	275,127.41	52,877	55,966	232,918	23.12	10,074
2014	56,772.51	9,230	9,769	49,842	23.20	2,148

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DUKE ENERGY CAROLINAS

ACCOUNT 344 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)
MILL CREEK						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -5						
2015	11,913.56	1,562	1,653	10,856	23.27	467
2016	5,476.70	532	563	5,187	23.34	222
2017	821,091.99	49,634	52,533	809,613	23.41	34,584
	1,328,563.65	155,162	164,226	1,230,766		52,840
EQUITABLE DIESEL GENERATORS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2028						
NET SALVAGE PERCENT.. -5						
2001	594,058.00	400,885	424,303	199,457	9.19	21,704
2002	563,235.00	372,125	393,863	197,533	9.21	21,448
2004	2,006,455.00	1,262,613	1,336,371	770,407	9.24	83,377
2005	772,169.00	471,824	499,386	311,391	9.26	33,628
2010	2,561,688.37	1,260,535	1,334,172	1,355,601	9.32	145,451
2011	974,725.24	448,225	474,409	549,053	9.33	58,848
2012	408,777.90	173,056	183,165	246,051	9.34	26,344
2013	1,119,722.53	427,899	452,896	722,813	9.35	77,306
2014	1,135,137.10	380,536	402,766	789,128	9.36	84,309
2015	128,699.91	36,135	38,246	96,889	9.37	10,340
2016	3,699,712.69	801,918	848,764	3,035,935	9.38	323,660
2017	2,187,816.10	311,226	329,407	1,967,800	9.38	209,787
2018	1,579,825.40	82,277	87,083	1,571,733	9.39	167,384
	17,732,022.24	6,429,254	6,804,831	11,813,792		1,263,586
ROCKINGHAM						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -3						
2000	210,031,202.29	100,153,127	106,003,759	110,328,379	19.43	5,678,249
2008	102,361.71	34,475	36,489	68,944	20.17	3,418
2009	4,799.74	1,510	1,598	3,346	20.24	165
2010	180,635.17	52,529	55,598	130,457	20.31	6,423
2011	42,104.49	11,170	11,823	31,545	20.38	1,548
2012	5,224,166.36	1,244,546	1,317,248	4,063,643	20.44	198,808
2013	23,586.47	4,930	5,218	19,076	20.50	931
2014	40,581.89	7,202	7,623	34,177	20.56	1,662

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DUKE ENERGY CAROLINAS

ACCOUNT 344 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)
ROCKINGHAM						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -3						
2015	13,625.32	1,951	2,065	11,969	20.62	580
2016	12,340.30	1,317	1,394	11,317	20.67	548
2017	1,384,800.71	92,085	97,464	1,328,880	20.72	64,135
2018	292,700.51	6,813	7,211	294,271	20.76	14,175
	217,352,904.96	101,611,655	107,547,490	116,326,002		5,970,642
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -5						
2009	393,674.14	95,560	101,142	312,216	28.90	10,803
2011	228,323,147.01	45,787,810	48,462,590	191,276,714	29.27	6,534,907
2013	432,673.16	66,751	70,650	383,656	29.61	12,957
2016	93,756.69	7,110	7,525	90,919	30.06	3,025
2017	53,786.83	2,520	2,667	53,809	30.19	1,782
2018	2,411,679.90	38,642	40,899	2,491,365	30.32	82,169
	231,708,717.73	45,998,393	48,685,475	194,608,679		6,645,643
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -7						
2018	47,069,175.22	654,229	692,447	49,671,570	35.71	1,390,971
	47,069,175.22	654,229	692,447	49,671,570		1,390,971
	832,445,882.14	243,385,146	257,602,944	613,059,557		24,345,102

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 25.2 2.92

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DUKE ENERGY CAROLINAS

ACCOUNT 344.66 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)
GENERAL						
SURVIVOR CURVE.. IOWA 20-S2.5						
NET SALVAGE PERCENT.. 0						
2010	22,978,186.42	9,489,991	7,211,739	15,766,447	11.74	1,342,968
2011	4,427,400.78	1,629,283	1,238,143	3,189,258	12.64	252,315
2012	911,301.33	292,528	222,301	689,000	13.58	50,736
	28,316,888.53	11,411,802	8,672,183	19,644,706		1,646,019
MOCKSVILLE						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -11						
2016	29,390,361.36	3,676,972	2,794,245	29,829,056	19.68	1,515,704
	29,390,361.36	3,676,972	2,794,245	29,829,056		1,515,704
MONROE						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -12						
2017	112,338,378.58	8,509,138	6,466,358	119,352,626	20.68	5,771,404
	112,338,378.58	8,509,138	6,466,358	119,352,626		5,771,404
WOODLEAF						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -10						
2018	11,967,612.93	296,725	225,491	12,938,883	21.68	596,812
	11,967,612.93	296,725	225,491	12,938,883		596,812
	182,013,241.40	23,894,637	18,158,277	181,765,271		9,529,939

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 19.1 5.24

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DUKE ENERGY CAROLINAS

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)
LINCOLN						
INTERIM SURVIVOR CURVE.. IOWA 40-S0						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -5						
1995	19,803,159.48	11,943,889	16,350,434	4,442,884	13.64	325,725
1996	2,620,776.00	1,553,895	2,127,185	624,630	13.73	45,494
2001	89,049.00	47,466	64,978	28,523	14.15	2,016
2002	59,910.00	31,072	42,536	20,370	14.23	1,431
2008	1,295,433.16	529,405	724,722	635,483	14.72	43,171
2009	172,415.26	66,310	90,774	90,262	14.81	6,095
2012	477,529.64	143,362	196,254	305,153	15.06	20,262
2013	184,667.29	49,191	67,339	126,561	15.15	8,354
2014	663,305.84	152,151	208,285	488,186	15.24	32,033
2015	1,066,428.13	200,211	274,076	845,673	15.34	55,129
2016	71,921.44	10,238	14,015	61,502	15.43	3,986
2017	93,783.18	8,457	11,577	86,895	15.54	5,592
	26,598,378.42	14,735,647	20,172,175	7,756,122		549,288
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-S0						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -5						
1978	42,703.00	27,352	37,443	7,395	15.58	475
2012	45,091,403.23	8,464,513	11,587,387	35,758,586	26.32	1,358,609
2013	164,311.45	26,912	36,841	135,686	26.62	5,097
2014	229,641.89	31,802	43,535	197,589	26.92	7,340
2015	199,709.16	22,297	30,523	179,171	27.23	6,580
2016	1,273,873.48	105,093	143,866	1,193,701	27.56	43,313
2017	47,985.66	2,474	3,387	46,998	27.89	1,685
2018	192,301.17	3,443	4,713	197,203	28.25	6,981
	47,241,929.04	8,683,886	11,887,695	37,716,330		1,430,080

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DUKE ENERGY CAROLINAS

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)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 40-S0						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -6						
2008	9,317.00	2,787	3,815	6,061	22.64	268
2015	77,406.19	9,730	13,320	68,731	24.23	2,837
2016	318,308.72	29,783	40,771	296,636	24.48	12,117
2018	318,799.37	6,492	8,887	329,040	25.02	13,151
	723,831.28	48,792	66,793	700,468		28,373
MILL CREEK						
INTERIM SURVIVOR CURVE.. IOWA 40-S0						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -5						
2002	12,465,253.28	5,325,455	7,290,213	5,798,303	19.30	300,430
2003	1,335,428.86	550,812	754,027	648,173	19.46	33,308
2008	29,033.89	9,396	12,863	17,623	20.29	869
2009	181,292.30	54,842	75,075	115,282	20.46	5,635
2011	301,054.61	76,928	105,310	210,798	20.80	10,135
2013	925,556.17	187,020	256,019	715,815	21.15	33,845
2014	767,572.42	132,063	180,786	625,165	21.33	29,309
2016	242,924.34	25,191	34,485	220,586	21.72	10,156
2017	642,050.07	41,831	57,264	616,889	21.92	28,143
	16,890,165.94	6,403,538	8,766,041	8,968,633		451,830
ROCKINGHAM						
INTERIM SURVIVOR CURVE.. IOWA 40-S0						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -3						
2007	1,023,659.56	371,950	509,176	545,193	18.20	29,956
2009	19,511.50	6,272	8,586	11,511	18.47	623
2010	212,159.04	63,330	86,695	131,829	18.60	7,088
2014	32,118.77	5,946	8,140	24,943	19.17	1,301
2016	216,997.14	24,528	33,577	189,930	19.47	9,755
2017	201,943.90	14,300	19,576	188,426	19.64	9,594
2018	463,431.84	11,523	15,774	461,561	19.81	23,299
	2,169,821.75	497,849	681,524	1,553,392		81,616

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DUKE ENERGY CAROLINAS

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)
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-S0						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -5						
1988	10,980.00	5,918	8,101	3,428	19.05	180
1993	10,128.00	4,920	6,735	3,899	20.58	189
2009	80,856.83	20,678	28,307	56,593	24.97	2,266
2011	46,323,873.48	9,925,492	13,587,376	35,052,691	25.51	1,374,076
2014	40,233.80	5,685	7,782	34,463	26.37	1,307
2016	1,450,191.30	121,999	167,009	1,355,692	26.98	50,248
2017	134,008.50	7,050	9,651	131,058	27.30	4,801
2018	32,175.69	589	806	32,978	27.63	1,194
	48,082,447.60	10,092,331	13,815,768	36,670,802		1,434,261
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-S0						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -7						
2018	63,605,677.47	1,040,608	1,424,527	66,633,548	31.56	2,111,329
	63,605,677.47	1,040,608	1,424,527	66,633,548		2,111,329
	205,312,251.50	41,502,651	56,814,523	159,999,295		6,086,777

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 26.3 2.96

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DUKE ENERGY CAROLINAS

ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - 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)
GENERAL						
SURVIVOR CURVE.. IOWA 20-S2.5						
NET SALVAGE PERCENT.. 0						
2011	98,890.91	36,392	40,634	58,257	12.64	4,609
2012	890,004.18	285,691	318,992	571,012	13.58	42,048
	988,895.09	322,083	359,626	629,269		46,657
MOCKSVILLE						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2041						
NET SALVAGE PERCENT.. -11						
2016	2,281,560.00	285,442	318,714	2,213,818	19.68	112,491
	2,281,560.00	285,442	318,714	2,213,818		112,491
MONROE						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2042						
NET SALVAGE PERCENT.. -12						
2017	4,229,810.80	320,390	357,735	4,379,653	20.68	211,782
	4,229,810.80	320,390	357,735	4,379,653		211,782
WOODLEAF						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -10						
2018	893,770.93	22,160	24,743	958,405	21.68	44,207
	893,770.93	22,160	24,743	958,405		44,207
	8,394,036.82	950,075	1,060,818	8,181,145		415,137

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 19.7 4.95

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DUKE ENERGY CAROLINAS

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)
LINCOLN						
INTERIM SURVIVOR CURVE.. IOWA 40-S1.5						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -5						
1995	1,950,881.63	1,254,415	1,161,741	886,684	13.28	66,768
1996	11,747.16	7,410	6,863	5,472	13.47	406
1997	12,854.50	7,948	7,361	6,136	13.65	450
1998	27,285.59	16,511	15,291	13,359	13.83	966
1999	32,599.27	19,267	17,844	16,386	14.01	1,170
2000	31,534.85	18,173	16,830	16,281	14.18	1,148
2001	34,708.11	19,459	18,021	18,422	14.35	1,284
2002	22,694.12	12,350	11,438	12,391	14.51	854
2003	22,094.82	11,635	10,775	12,424	14.67	847
2004	24,854.82	12,631	11,698	14,400	14.82	972
2007	38,420.57	17,073	15,812	24,530	15.25	1,609
2008	2,743.70	1,153	1,068	1,813	15.38	118
2009	363,585.80	143,452	132,854	248,911	15.50	16,059
2011	266,627.61	89,772	83,140	196,819	15.72	12,520
2012	24,306.96	7,381	6,836	18,687	15.83	1,180
2014	32,591.48	7,482	6,929	27,292	16.01	1,705
2015	17,109.52	3,204	2,967	14,998	16.08	933
2016	831,645.61	116,585	107,972	765,256	16.16	47,355
2017	240,833.89	21,406	19,825	233,051	16.22	14,368
2018	311,767.69	9,762	9,041	318,315	16.27	19,565
	4,300,887.70	1,797,069	1,664,305	2,851,627		190,277
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-S1.5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -5						
2004	32,100.00	12,246	11,341	22,364	23.83	938
2010	15,732.23	3,890	3,603	12,916	26.91	480
2012	4,310,498.88	846,819	784,257	3,741,766	27.85	134,354
2013	749,517.85	126,887	117,513	669,481	28.30	23,657
2014	256,182.08	36,136	33,466	235,525	28.74	8,195
2015	2,477,482.23	278,137	257,589	2,343,768	29.15	80,404
2016	82,625.68	6,767	6,267	80,490	29.55	2,724
2017	866,742.01	43,438	40,229	869,850	29.93	29,063
2018	181,869.82	3,101	2,872	188,091	30.29	6,210
	8,972,750.78	1,357,421	1,257,137	8,164,251		286,025

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DUKE ENERGY CAROLINAS

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)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 40-S1.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -6						
2014	213,757.18	33,627	31,143	195,440	25.65	7,619
2015	53,534.79	6,710	6,214	50,533	25.95	1,947
2016	365,888.19	33,762	31,268	356,574	26.22	13,599
2017	173,211.74	9,843	9,116	174,489	26.48	6,589
2018	158,637.66	3,089	2,861	165,295	26.72	6,186
	965,029.56	87,031	80,601	942,330		35,940
MILL CREEK						
INTERIM SURVIVOR CURVE.. IOWA 40-S1.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -5						
2002	2,087,622.46	970,444	898,749	1,293,254	19.36	66,800
2003	240,320.00	107,313	99,385	152,951	19.69	7,768
2004	18,602.00	7,943	7,356	12,176	20.02	608
2007	37,669.04	13,711	12,698	26,854	20.94	1,282
2008	82,941.62	28,235	26,149	60,940	21.24	2,869
2010	139,436.15	40,491	37,500	108,908	21.79	4,998
2011	171,171.68	45,069	41,739	137,991	22.05	6,258
2012	48,489.11	11,381	10,540	40,373	22.30	1,810
2013	49,190.35	10,060	9,317	42,333	22.53	1,879
2014	31,296.71	5,397	4,998	27,863	22.75	1,225
2015	117,134.48	16,188	14,992	107,999	22.96	4,704
2016	480,111.25	49,136	45,506	458,611	23.15	19,810
2017	125,306.69	7,948	7,361	124,211	23.33	5,324
2018	26,213.53	574	532	26,993	23.49	1,149
	3,655,505.07	1,313,890	1,216,822	2,621,458		126,484
ROCKINGHAM						
INTERIM SURVIVOR CURVE.. IOWA 40-S1.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -3						
2007	364,086.75	138,573	128,336	246,674	18.99	12,990
2008	18,709.92	6,692	6,198	13,074	19.21	681
2010	16,226.50	4,988	4,620	12,094	19.63	616
2011	223,233.01	62,424	57,812	172,118	19.83	8,680
2012	24,117.37	6,032	5,586	19,255	20.02	962

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DUKE ENERGY CAROLINAS

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)
ROCKINGHAM						
INTERIM SURVIVOR CURVE.. IOWA 40-S1.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -3						
2013	178,776.44	39,198	36,302	147,838	20.19	7,322
2014	115,832.75	21,527	19,937	99,371	20.35	4,883
2015	29,977.73	4,492	4,160	26,717	20.50	1,303
2016	339,296.46	37,757	34,968	314,508	20.64	15,238
2017	198,922.88	13,801	12,781	192,109	20.77	9,249
2018	20,988.77	506	469	21,150	20.88	1,013
	1,530,168.58	335,990	311,168	1,264,906		62,937
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-S1.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -5						
2009	8,163.52	2,245	2,079	6,493	25.98	250
2011	6,697,379.99	1,510,738	1,399,127	5,633,122	26.90	209,410
2012	74,853.48	14,909	13,808	64,789	27.34	2,370
2013	263,763.38	45,381	42,028	234,923	27.76	8,463
2014	1,188,780.98	170,944	158,315	1,089,905	28.17	38,690
2015	2,337,980.56	267,312	247,563	2,207,316	28.56	77,287
2016	86,773.25	7,218	6,685	84,427	28.94	2,917
2017	567,880.95	29,051	26,905	569,370	29.29	19,439
2018	180,416.79	3,145	2,913	186,525	29.62	6,297
	11,405,992.90	2,050,943	1,899,422	10,076,871		365,123
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-S1.5						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -7						
2018	7,107,013.83	110,950	102,754	7,501,751	33.76	222,208
	7,107,013.83	110,950	102,754	7,501,751		222,208

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DUKE ENERGY CAROLINAS

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)
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 40-S1.5						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -5						
2014	33,014.37	4,298	3,980	30,685	31.58	972
2015	5,314.27	545	505	5,075	32.16	158
2016	40,792.67	3,030	2,806	40,026	32.71	1,224
	79,121.31	7,873	7,291	75,786		2,354
	38,016,469.73	7,061,167	6,539,500	33,498,980		1,291,348

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 25.9 3.40

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DUKE ENERGY CAROLINAS

ACCOUNT 346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - 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)
WOODLEAF						
INTERIM SURVIVOR CURVE.. IOWA 35-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -10						
2018	116,805.80	2,622		128,486	23.04	5,577
	116,805.80	2,622		128,486		5,577

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 23.0 4.77

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DUKE ENERGY CAROLINAS

ACCOUNT 350 RIGHTS OF WAY

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

SURVIVOR CURVE.. IOWA 80-R4
NET SALVAGE PERCENT.. 0

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1929	5,136.97	4,620	5,137			
1932	1,367.00	1,212	1,367			
1933	719.00	634	719			
1934	4,907.00	4,306	4,907			
1935	663.00	578	663			
1936	14.00	12	14			
1939	120.00	102	120			
1941	16,447.00	13,789	16,447			
1942	3,881.00	3,228	3,881			
1943	147.00	121	147			
1944	4,901.00	4,008	4,901			
1945	872.00	707	865	7	15.16	
1947	203.00	161	197	6	16.39	
1951	10.00	8	10			
1952	1,285.00	969	1,185	100	19.68	5
1954	961.00	708	866	95	21.07	5
1955	894.00	651	796	98	21.78	4
1956	4,977.00	3,578	4,377	600	22.49	27
1957	45.00	32	39	6	23.21	
1960	6,797,664.73	4,636,007	5,671,116	1,126,549	25.44	44,283
1961	979,429.00	658,666	805,730	173,699	26.20	6,630
1962	540,407.00	358,225	438,208	102,199	26.97	3,789
1963	1,311,684.00	856,687	1,047,965	263,719	27.75	9,503
1964	1,239,326.00	797,196	975,191	264,135	28.54	9,255
1965	1,605,446.00	1,016,649	1,243,642	361,804	29.34	12,331
1966	1,579,546.00	984,247	1,204,006	375,540	30.15	12,456
1967	1,460,142.00	894,892	1,094,700	365,442	30.97	11,800
1968	3,308,079.00	1,993,515	2,438,619	869,460	31.79	27,350
1969	2,288,024.00	1,354,785	1,657,276	630,748	32.63	19,330
1970	2,999,007.00	1,744,282	2,133,738	865,269	33.47	25,852
1971	2,349,811.04	1,341,742	1,641,321	708,490	34.32	20,644
1972	9,292,825.00	5,206,305	6,368,748	2,924,077	35.18	83,118
1973	3,158,086.00	1,734,989	2,122,370	1,035,716	36.05	28,730
1974	7,582,325.00	4,082,172	4,993,623	2,588,702	36.93	70,098
1975	6,752,178.33	3,560,964	4,356,042	2,396,136	37.81	63,373
1976	4,417,045.00	2,280,299	2,789,435	1,627,610	38.70	42,057
1977	1,207,092.88	609,582	745,687	461,406	39.60	11,652
1978	5,057,471.00	2,496,469	3,053,870	2,003,601	40.51	49,459
1979	2,871,900.00	1,384,974	1,694,205	1,177,695	41.42	28,433
1980	3,008,661.00	1,416,327	1,732,559	1,276,102	42.34	30,139
1981	5,056,712.00	2,322,295	2,840,808	2,215,904	43.26	51,223
1982	4,993,081.00	2,235,003	2,734,025	2,259,056	44.19	51,121
1983	3,226,426.00	1,406,722	1,720,809	1,505,617	45.12	33,369

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DUKE ENERGY CAROLINAS

ACCOUNT 350 RIGHTS OF WAY

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

SURVIVOR CURVE.. IOWA 80-R4
NET SALVAGE PERCENT.. 0

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1984	2,200,577.00	933,595	1,142,044	1,058,533	46.06	22,982
1985	3,470,895.00	1,431,328	1,750,909	1,719,986	47.01	36,588
1986	1,559,136.00	624,434	763,855	795,281	47.96	16,582
1987	1,036,473.00	402,794	492,728	543,745	48.91	11,117
1988	669,720.00	252,230	308,547	361,173	49.87	7,242
1989	2,509,827.00	915,133	1,119,460	1,390,367	50.83	27,353
1990	8,657,445.00	3,052,788	3,734,402	4,923,043	51.79	95,058
1991	1,830,753.00	623,371	762,555	1,068,198	52.76	20,246
1992	2,339,354.00	768,197	939,717	1,399,637	53.73	26,049
1993	1,449,683.00	458,462	560,826	888,857	54.70	16,250
1994	2,359,167.00	717,187	877,318	1,481,849	55.68	26,614
1995	3,045,631.00	888,563	1,086,958	1,958,673	56.66	34,569
1996	1,612,108.00	450,584	551,189	1,060,919	57.64	18,406
1997	2,172,363.00	580,564	710,190	1,462,173	58.62	24,943
1998	1,456,790.00	371,307	454,211	1,002,579	59.61	16,819
1999	877,234.00	212,835	260,356	616,878	60.59	10,181
2000	2,280,322.00	525,044	642,274	1,638,048	61.58	26,600
2001	1,699,698.00	370,330	453,016	1,246,682	62.57	19,925
2002	873,214.00	179,445	219,511	653,703	63.56	10,285
2003	865,593.00	167,163	204,486	661,107	64.55	10,242
2004	2,150,689.00	388,737	475,532	1,675,157	65.54	25,559
2005	3,256,465.00	547,900	670,233	2,586,232	66.54	38,867
2006	2,111,765.52	329,182	402,680	1,709,086	67.53	25,309
2007	2,400,788.14	344,225	421,082	1,979,706	68.53	28,888
2008	6,493,541.95	850,654	1,040,584	5,452,958	69.52	78,437
2009	3,032,801.47	359,387	439,629	2,593,172	70.52	36,772
2010	2,957,645.11	313,865	383,944	2,573,701	71.51	35,991
2011	4,494,850.67	420,808	514,764	3,980,087	72.51	54,890
2012	1,073,965.40	87,120	106,572	967,393	73.51	13,160
2013	2,057,824.85	141,208	172,736	1,885,089	74.51	25,300
2014	681,498.18	38,246	46,786	634,712	75.51	8,406
2015	126,105.32	5,517	6,749	119,356	76.50	1,560
2016	3,641,538.10	113,798	139,206	3,502,332	77.50	45,191
2017	2,031,253.90	38,086	46,590	1,984,664	78.50	25,282
2018	450,857.83	2,818	3,447	447,411	79.50	5,628
	163,057,492.39	63,319,323	77,455,417	85,602,075		1,673,327

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 51.2 1.03

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DUKE ENERGY CAROLINAS

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 55-R2						
NET SALVAGE PERCENT.. -10						
1960	598,667.22	495,455	495,217	163,317	13.62	11,991
1961	142,805.08	116,928	116,872	40,214	14.06	2,860
1962	56,979.95	46,142	46,120	16,558	14.51	1,141
1963	197,968.56	158,455	158,379	59,386	14.98	3,964
1964	9,723.72	7,691	7,687	3,009	15.45	195
1965	138,742.37	108,385	108,333	44,284	15.94	2,778
1966	189,105.05	145,838	145,768	62,248	16.44	3,786
1967	228,887.23	174,184	174,100	77,676	16.95	4,583
1968	143,159.22	107,455	107,403	50,072	17.47	2,866
1969	467,033.82	345,699	345,533	168,204	17.99	9,350
1970	110,441.63	80,534	80,495	40,991	18.54	2,211
1971	189,141.72	135,842	135,777	72,279	19.09	3,786
1972	355,402.14	251,270	251,149	139,793	19.65	7,114
1973	640,076.12	445,234	445,020	259,064	20.22	12,812
1974	93,749.44	64,125	64,094	39,030	20.80	1,876
1975	807,976.98	542,961	542,700	346,075	21.40	16,172
1976	80,623.50	53,212	53,186	35,500	22.00	1,614
1977	734,417.30	475,756	475,528	332,331	22.61	14,698
1978	471,208.86	299,408	299,264	219,066	23.23	9,430
1979	529,853.22	329,887	329,729	253,110	23.87	10,604
1980	157,077.27	95,785	95,739	77,046	24.51	3,143
1981	796,605.87	475,418	475,190	401,076	25.16	15,941
1982	209,607.52	122,328	122,269	108,299	25.82	4,194
1983	193,700.02	110,447	110,394	102,676	26.49	3,876
1984	695,942.03	387,361	387,175	378,361	27.17	13,926
1985	154,438.60	83,861	83,821	86,061	27.85	3,090
1986	183,308.01	96,970	96,923	104,716	28.55	3,668
1987	47,682.97	24,557	24,545	27,906	29.25	954
1988	2,910,328.93	1,457,484	1,456,785	1,744,577	29.96	58,230
1989	638,460.25	310,546	310,397	391,909	30.68	12,774
1990	934,099.80	440,709	440,498	587,012	31.41	18,689
1991	452,057.95	206,588	206,489	290,775	32.15	9,044
1992	226,296.83	100,068	100,020	148,907	32.89	4,527
1993	1,201,913.89	513,453	513,207	808,898	33.64	24,046
1994	43,288.08	17,835	17,826	29,791	34.40	866
1995	1,692,548.91	671,273	670,951	1,190,853	35.17	33,860
1996	187,410.81	71,442	71,408	134,744	35.94	3,749
1997	575,188.06	210,286	210,185	422,522	36.72	11,507
1998	183,190.54	64,080	64,049	137,461	37.51	3,665
1999	104,532.03	34,892	34,875	80,110	38.31	2,091
2000	1,928,205.70	612,786	612,492	1,508,534	39.11	38,572
2001	1,925,899.43	580,847	580,568	1,537,921	39.92	38,525
2002	2,438,259.18	695,867	695,533	1,986,552	40.73	48,774

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DUKE ENERGY CAROLINAS

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 55-R2						
NET SALVAGE PERCENT.. -10						
2003	424,658.64	114,235	114,180	352,945	41.55	8,494
2004	613,365.70	154,810	154,736	519,966	42.38	12,269
2005	4,853,258.87	1,144,379	1,143,830	4,194,755	43.21	97,078
2006	2,643,887.87	579,009	578,731	2,329,546	44.05	52,884
2007	2,058,109.02	416,154	415,954	1,847,966	44.89	41,167
2008	1,923,020.15	355,755	355,584	1,759,738	45.75	38,464
2009	840,788.66	141,255	141,187	783,681	46.60	16,817
2010	7,943,189.42	1,197,825	1,197,250	7,540,258	47.46	158,876
2011	4,753,985.18	634,167	633,863	4,595,521	48.33	95,086
2012	4,934,356.35	572,361	572,086	4,855,706	49.20	98,693
2013	10,072,677.63	991,101	990,626	10,089,319	50.08	201,464
2014	8,147,793.83	656,688	656,373	8,306,200	50.97	162,963
2015	4,884,340.58	307,699	307,551	5,065,224	51.85	97,690
2016	5,199,922.45	234,002	233,890	5,486,025	52.75	104,000
2017	20,555,114.47	555,091	554,825	22,055,801	53.65	411,105
2018	4,574,698.43	41,163	41,143	4,991,025	54.55	91,495
	108,489,173.06	19,865,038	19,855,502	99,482,588		2,170,087

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 45.8 2.00

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DUKE ENERGY CAROLINAS

ACCOUNT 353 STATION EQUIPMENT

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

SURVIVOR CURVE.. IOWA 48-R1.5
NET SALVAGE PERCENT.. -20

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1919	5,082.82	6,099	6,099			
1929	646.63	738	776			
1933	123.89	138	149			
1940	62.52	67	75			
1941	433,740.16	462,584	520,488			
1942	380,963.13	403,915	455,846	1,310	5.59	234
1943	353.47	372	420	4	5.86	1
1944	369.41	387	437	6	6.12	1
1949	9,150.58	9,258	10,448	533	7.53	71
1950	17,434.35	17,513	19,765	1,156	7.82	148
1951	238,246.92	237,531	268,070	17,826	8.12	2,195
1952	13,601.06	13,455	15,185	1,136	8.43	135
1953	113,996.97	111,888	126,273	10,523	8.74	1,204
1954	102,845.95	100,146	113,022	10,393	9.05	1,148
1955	93,980.01	90,761	102,430	10,346	9.37	1,104
1956	12,889.91	12,342	13,929	1,539	9.70	159
1957	17,409.26	16,526	18,651	2,240	10.03	223
1960	11,509,259.18	10,623,092	11,988,885	1,822,226	11.08	164,461
1961	1,689,487.03	1,543,772	1,742,252	285,132	11.45	24,902
1962	1,200,356.88	1,085,420	1,224,971	215,457	11.83	18,213
1963	1,564,007.88	1,399,387	1,579,304	297,505	12.21	24,366
1964	2,405,306.76	2,128,090	2,401,695	484,673	12.61	38,436
1965	1,794,365.92	1,569,625	1,771,429	381,810	13.01	29,347
1966	3,390,811.82	2,930,516	3,307,288	761,686	13.43	56,715
1967	5,726,071.92	4,888,645	5,517,170	1,354,116	13.85	97,770
1968	3,484,675.16	2,936,703	3,314,270	867,340	14.29	60,696
1969	10,821,372.64	8,998,015	10,154,875	2,830,772	14.74	192,047
1970	3,660,302.66	3,001,434	3,387,323	1,005,040	15.20	66,121
1971	10,357,439.25	8,371,380	9,447,674	2,981,253	15.67	190,252
1972	14,791,632.77	11,777,808	13,292,061	4,457,898	16.15	276,031
1973	19,634,756.86	15,393,571	17,372,697	6,189,011	16.64	371,936
1974	17,372,217.94	13,402,736	15,125,904	5,720,758	17.14	333,767
1975	25,428,230.02	19,293,619	21,774,168	8,739,708	17.65	495,168
1976	9,251,431.70	6,896,942	7,783,670	3,318,048	18.18	182,511
1977	9,246,625.42	6,770,860	7,641,378	3,454,573	18.71	184,638
1978	10,519,106.25	7,557,978	8,529,695	4,093,232	19.26	212,525
1979	9,413,728.65	6,634,306	7,487,268	3,809,206	19.81	192,287
1980	6,260,280.56	4,322,749	4,878,518	2,633,819	20.38	129,235
1981	24,231,800.58	16,380,600	18,486,627	10,591,534	20.96	505,321
1982	14,370,299.18	9,505,953	10,728,118	6,516,241	21.54	302,518
1983	26,265,474.19	16,980,629	19,163,800	12,354,769	22.14	558,029
1984	20,827,604.14	13,152,632	14,843,644	10,149,481	22.74	446,327
1985	9,132,663.59	5,625,684	6,348,969	4,610,227	23.36	197,356

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DUKE ENERGY CAROLINAS

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 48-R1.5						
NET SALVAGE PERCENT.. -20						
1986	10,913,644.15	6,553,687	7,396,284	5,700,089	23.98	237,702
1987	7,522,838.66	4,397,069	4,962,393	4,065,013	24.62	165,110
1988	7,946,626.01	4,517,657	5,098,485	4,437,466	25.26	175,672
1989	18,714,795.37	10,335,283	11,664,073	10,793,681	25.91	416,584
1990	25,195,524.72	13,498,553	15,234,039	15,000,591	26.57	564,569
1991	50,163,652.01	26,034,935	29,382,203	30,814,179	27.24	1,131,211
1992	18,028,026.28	9,054,540	10,218,667	11,414,965	27.91	408,992
1993	34,407,982.78	16,696,680	18,843,344	22,446,235	28.59	785,108
1994	19,443,336.58	9,099,482	10,269,387	13,062,617	29.28	446,128
1995	33,717,681.48	15,189,950	17,142,897	23,318,321	29.98	777,796
1996	10,673,248.53	4,618,784	5,212,613	7,595,285	30.69	247,484
1997	9,326,052.24	3,870,274	4,367,869	6,823,394	31.40	217,306
1998	16,397,655.51	6,513,936	7,351,422	12,325,765	32.11	383,861
1999	11,172,678.57	4,234,400	4,778,810	8,628,404	32.84	262,741
2000	28,895,102.33	10,423,735	11,763,897	22,910,226	33.57	682,461
2001	31,585,173.40	10,818,048	12,208,906	25,693,302	34.30	749,076
2002	41,286,090.79	13,376,693	15,096,512	34,446,797	35.04	983,071
2003	32,140,376.01	9,811,043	11,072,433	27,496,018	35.79	768,260
2004	42,280,523.50	12,113,370	13,670,766	37,065,862	36.54	1,014,391
2005	35,126,690.77	9,396,530	10,604,626	31,547,403	37.30	845,775
2006	34,744,452.27	8,633,857	9,743,898	31,949,445	38.06	839,449
2007	54,138,562.30	12,411,157	14,006,839	50,959,436	38.83	1,312,373
2008	43,564,002.02	9,148,440	10,324,640	41,952,162	39.60	1,059,398
2009	32,015,230.18	6,098,901	6,883,027	31,535,249	40.38	780,962
2010	65,653,646.29	11,226,774	12,670,182	66,114,194	41.16	1,606,273
2011	68,597,468.12	10,375,230	11,709,156	70,607,806	41.95	1,683,142
2012	87,757,455.84	11,539,754	13,023,401	92,285,546	42.74	2,159,231
2013	69,118,834.72	7,723,615	8,716,627	74,225,975	43.53	1,705,168
2014	88,594,969.46	8,128,766	9,173,868	97,140,095	44.33	2,191,295
2015	106,649,984.62	7,625,047	8,605,386	119,374,596	45.14	2,644,541
2016	78,694,273.74	4,033,239	4,551,786	89,881,342	45.95	1,956,068
2017	221,387,171.87	6,806,327	7,681,405	257,983,201	46.77	5,515,997
2018	137,643,123.39	1,410,567	1,591,921	163,579,827	47.59	3,437,273
	1,849,287,080.50	510,372,189	575,987,478	1,643,157,019		43,512,066

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.8 2.35

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DUKE ENERGY CAROLINAS

ACCOUNT 354 TOWERS AND FIXTURES

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

SURVIVOR CURVE.. IOWA 75-R2
NET SALVAGE PERCENT.. -50

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1960	13,054,251.27	11,834,984	15,530,969	4,050,408	29.67	136,515
1961	647,862.85	579,578	760,576	211,218	30.27	6,978
1962	525,220.72	463,347	608,047	179,784	30.89	5,820
1963	2,502,634.49	2,176,804	2,856,605	897,347	31.51	28,478
1964	2,110,181.15	1,808,858	2,373,752	791,520	32.14	24,627
1965	2,316,015.84	1,955,632	2,566,363	907,661	32.78	27,689
1966	2,324,411.75	1,932,981	2,536,638	949,980	33.42	28,425
1967	2,491,640.59	2,039,645	2,676,612	1,060,849	34.07	31,137
1968	4,158,742.12	3,350,303	4,396,580	1,841,533	34.72	53,040
1969	8,530,267.71	6,757,635	8,867,999	3,927,403	35.39	110,975
1970	7,239,881.56	5,638,420	7,399,260	3,460,562	36.06	95,967
1971	3,181,552.87	2,435,176	3,195,665	1,576,664	36.73	42,926
1972	26,985,481.75	20,282,423	26,616,486	13,861,737	37.42	370,437
1973	11,566,758.47	8,534,012	11,199,126	6,151,012	38.11	161,402
1974	36,048,749.81	26,099,475	34,250,164	19,822,961	38.80	510,901
1975	9,817,464.30	6,970,351	9,147,144	5,579,052	39.50	141,242
1976	4,472,986.88	3,112,327	4,084,286	2,625,194	40.21	65,287
1977	13,099,633.25	8,928,710	11,717,085	7,932,365	40.92	193,851
1978	5,267,544.78	3,514,506	4,612,062	3,289,255	41.64	78,993
1979	4,858,492.57	3,170,677	4,160,858	3,126,881	42.37	73,799
1980	4,981,314.49	3,178,054	4,170,539	3,301,433	43.10	76,599
1981	10,972,493.96	6,838,113	8,973,609	7,485,132	43.84	170,738
1982	14,727,350.81	8,960,120	11,758,305	10,332,721	44.58	231,779
1983	7,121,893.65	4,226,132	5,545,924	5,136,916	45.33	113,323
1984	9,215,372.41	5,330,171	6,994,747	6,828,312	46.08	148,184
1985	6,932,214.22	3,904,258	5,123,531	5,274,790	46.84	112,613
1986	7,712,733.13	4,225,035	5,544,485	6,024,615	47.61	126,541
1987	3,260,710.62	1,735,986	2,278,123	2,612,943	48.38	54,009
1988	4,406,508.57	2,277,262	2,988,435	3,621,328	49.16	73,664
1989	10,786,009.77	5,405,894	7,094,118	9,084,897	49.94	181,916
1990	13,488,026.95	6,549,718	8,595,151	11,636,889	50.72	229,434
1991	14,731,064.04	6,920,654	9,081,927	13,014,669	51.51	252,663
1992	1,824,647.25	828,016	1,086,600	1,650,371	52.31	31,550
1993	4,020,654.15	1,760,262	2,309,980	3,721,001	53.11	70,062
1994	11,511,051.53	4,853,117	6,368,712	10,897,865	53.92	202,112
1995	12,655,963.50	5,130,791	6,733,102	12,250,843	54.73	223,841
1996	6,397,885.76	2,490,089	3,267,727	6,329,102	55.54	113,956
1997	4,651,368.86	1,734,007	2,275,526	4,701,527	56.36	83,420
1998	1,300,046.47	463,083	607,701	1,342,369	57.19	23,472
1999	2,216,492.33	753,153	988,358	2,336,380	58.01	40,275
2000	3,591,822.94	1,160,141	1,522,445	3,865,289	58.85	65,680
2001	4,167,378.34	1,276,030	1,674,525	4,576,543	59.69	76,672
2002	5,446,272.35	1,576,124	2,068,337	6,101,072	60.53	100,794

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DUKE ENERGY CAROLINAS

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 75-R2						
NET SALVAGE PERCENT.. -50						
2003	5,185,979.12	1,413,672	1,855,152	5,923,817	61.37	96,526
2004	5,426,919.58	1,386,062	1,818,920	6,321,459	62.23	101,582
2005	4,175,878.53	995,509	1,306,400	4,957,418	63.08	78,589
2006	14,498,360.25	3,207,110	4,208,669	17,538,871	63.94	274,302
2007	18,886,325.23	3,852,810	5,056,016	23,273,472	64.80	359,159
2008	5,114,002.03	954,273	1,252,286	6,418,717	65.67	97,742
2009	4,132,002.21	699,135	917,470	5,280,533	66.54	79,359
2010	28,207,763.35	4,276,438	5,611,940	36,699,705	67.42	544,344
2011	7,426,169.04	996,629	1,307,869	9,831,385	68.29	143,965
2012	47,909,105.83	5,576,620	7,318,161	64,545,498	69.18	933,008
2013	32,351,942.13	3,196,534	4,194,790	44,333,123	70.06	632,788
2014	22,730,896.45	1,841,203	2,416,198	31,680,147	70.95	446,514
2015	16,813,120.71	1,059,227	1,390,017	23,829,664	71.85	331,659
2016	14,239,189.28	643,540	844,513	20,514,271	72.74	282,022
2017	17,435,226.19	474,151	622,225	25,530,614	73.64	346,695
2018	15,939,831.60	143,458	188,259	23,721,488	74.55	318,196
	587,791,762.36	233,878,425	306,917,069	574,770,575		10,058,236

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 57.1 1.71

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DUKE ENERGY CAROLINAS

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 48-R1						
NET SALVAGE PERCENT.. -30						
1933	27,247.32	32,787	33,858	1,564	3.57	438
1941	15,395.84	17,517	18,089	1,926	5.99	322
1954	4,878.28	4,953	5,115	1,227	10.51	117
1955	19,731.11	19,831	20,479	5,171	10.89	475
1956	15,949.05	15,861	16,379	4,355	11.28	386
1959	237.85	229	236	73	12.48	6
1960	1,599,184.05	1,520,224	1,569,873	509,066	12.90	39,462
1961	107,141.79	100,633	103,920	35,364	13.32	2,655
1962	120,493.28	111,803	115,454	41,187	13.74	2,998
1963	181,869.70	166,584	172,024	64,407	14.18	4,542
1964	211,819.52	191,550	197,806	77,559	14.61	5,309
1965	320,637.03	286,048	295,390	121,438	15.06	8,064
1966	391,444.14	344,449	355,698	153,179	15.51	9,876
1967	848,773.13	736,291	760,338	343,067	15.97	21,482
1968	919,652.47	786,324	812,005	383,543	16.43	23,344
1969	1,249,391.17	1,052,016	1,086,374	537,835	16.91	31,806
1970	1,139,496.58	944,669	975,521	505,825	17.39	29,087
1971	602,733.28	491,844	507,907	275,646	17.87	15,425
1972	1,142,955.54	917,196	947,151	538,691	18.37	29,324
1973	579,800.28	457,430	472,369	281,371	18.87	14,911
1974	2,867,707.47	2,223,615	2,296,236	1,431,784	19.37	73,918
1975	1,355,860.16	1,032,224	1,065,935	696,683	19.89	35,027
1976	414,472.91	309,705	319,820	218,995	20.41	10,730
1977	1,481,922.89	1,086,064	1,121,534	804,966	20.94	38,442
1978	503,357.59	361,537	373,344	281,021	21.48	13,083
1979	1,362,483.94	958,678	989,987	781,242	22.02	35,479
1980	1,735,915.84	1,195,572	1,234,618	1,022,073	22.57	45,285
1981	1,988,847.07	1,339,600	1,383,350	1,202,151	23.13	51,974
1982	1,331,190.07	876,453	905,077	825,470	23.69	34,845
1983	1,912,235.00	1,228,982	1,269,119	1,216,786	24.27	50,135
1984	3,231,253.76	2,025,922	2,092,087	2,108,543	24.85	84,851
1985	1,142,058.02	698,109	720,909	763,766	25.43	30,034
1986	3,056,272.63	1,818,553	1,877,945	2,095,209	26.03	80,492
1987	1,565,722.18	906,198	935,793	1,099,646	26.63	41,294
1988	2,868,711.64	1,613,716	1,666,418	2,062,907	27.23	75,759
1989	3,059,294.21	1,669,539	1,724,064	2,253,018	27.85	80,898
1990	2,928,227.05	1,548,868	1,599,452	2,207,243	28.47	77,529
1991	2,987,786.34	1,530,189	1,580,163	2,303,959	29.09	79,201
1992	2,478,370.77	1,226,989	1,267,061	1,954,821	29.72	65,775
1993	2,669,790.61	1,275,492	1,317,148	2,153,580	30.36	70,935
1994	4,042,553.31	1,860,173	1,920,924	3,334,395	31.01	107,526
1995	3,841,868.07	1,701,202	1,756,762	3,237,666	31.65	102,296
1996	2,963,365.73	1,259,264	1,300,390	2,551,985	32.31	78,984

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DUKE ENERGY CAROLINAS

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 48-R1						
NET SALVAGE PERCENT.. -30						
1997	3,414,863.38	1,390,973	1,436,401	3,002,921	32.96	91,108
1998	4,987,211.80	1,940,993	2,004,384	4,478,991	33.63	133,184
1999	3,896,812.33	1,446,910	1,494,165	3,571,691	34.29	104,161
2000	11,520,163.61	4,068,588	4,201,464	10,774,749	34.96	308,202
2001	7,332,953.57	2,454,706	2,534,874	6,997,966	35.64	196,351
2002	17,751,793.99	5,620,253	5,803,805	17,273,527	36.31	475,724
2003	11,017,099.67	3,285,233	3,392,525	10,929,705	36.99	295,477
2004	17,701,126.75	4,947,465	5,109,044	17,902,421	37.68	475,117
2005	24,455,503.77	6,384,818	6,593,340	25,198,815	38.36	656,903
2006	17,396,383.23	4,216,849	4,354,567	18,260,731	39.05	467,624
2007	12,805,461.03	2,861,303	2,954,750	13,692,349	39.75	344,462
2008	31,379,977.57	6,425,050	6,634,886	34,159,085	40.44	844,686
2009	10,417,642.69	1,935,556	1,998,769	11,544,166	41.14	280,607
2010	14,197,417.30	2,364,665	2,441,893	16,014,749	41.85	382,670
2011	11,835,168.94	1,746,895	1,803,947	13,581,773	42.55	319,196
2012	19,008,794.40	2,435,065	2,514,592	22,196,841	43.27	512,985
2013	19,257,670.18	2,096,679	2,165,154	22,869,817	43.98	520,005
2014	26,384,255.90	2,358,093	2,435,106	31,864,427	44.70	712,851
2015	25,985,069.64	1,808,613	1,867,681	31,912,910	45.43	702,463
2016	34,313,613.87	1,709,813	1,765,654	42,842,044	46.16	928,121
2017	122,459,225.94	3,680,634	3,800,840	155,396,154	46.89	3,314,057
2018	50,024,862.88	501,399	517,774	64,514,548	47.63	1,354,494
	558,831,171.11	103,625,436	107,009,737	619,470,785		15,024,969

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 41.2 2.69

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DUKE ENERGY CAROLINAS

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-R2.5						
NET SALVAGE PERCENT.. -40						
1933	44.66	56	63			
1936	585.64	723	820			
1940	4,887.32	5,924	6,842			
1941	41,659.14	50,255	58,323			
1949	482.72	556	676			
1950	5,932.34	6,790	8,305			
1954	3,981.11	4,420	5,518	56	12.42	5
1955	19,480.77	21,446	26,775	498	12.82	39
1956	2,097.13	2,289	2,858	78	13.23	6
1957	5,189.77	5,612	7,007	259	13.66	19
1960	12,653,851.45	13,274,675	16,573,267	1,142,125	15.04	75,939
1961	1,363,393.07	1,414,708	1,766,245	142,505	15.53	9,176
1962	506,977.95	520,140	649,388	60,381	16.03	3,767
1963	1,296,567.19	1,314,509	1,641,148	174,046	16.55	10,516
1964	1,535,421.16	1,537,666	1,919,757	229,833	17.08	13,456
1965	1,937,207.86	1,915,631	2,391,642	320,449	17.62	18,187
1966	2,251,781.45	2,197,288	2,743,287	409,207	18.18	22,509
1967	2,156,439.97	2,075,573	2,591,327	427,689	18.75	22,810
1968	3,376,001.30	3,202,941	3,998,832	727,570	19.34	37,620
1969	5,623,546.61	5,257,802	6,564,301	1,308,664	19.93	65,663
1970	4,729,724.37	4,354,837	5,436,960	1,184,654	20.54	57,675
1971	2,013,960.36	1,825,176	2,278,710	540,835	21.16	25,559
1972	19,070,555.90	17,002,583	21,227,514	5,471,264	21.79	251,091
1973	8,387,631.84	7,350,921	9,177,534	2,565,151	22.44	114,312
1974	23,690,627.58	20,403,269	25,473,228	7,693,651	23.09	333,203
1975	7,480,064.18	6,325,142	7,896,861	2,575,229	23.76	108,385
1976	4,201,546.93	3,487,124	4,353,631	1,528,535	24.43	62,568
1977	8,725,091.86	7,103,097	8,868,129	3,347,000	25.11	133,294
1978	4,128,251.34	3,293,362	4,111,722	1,667,830	25.81	64,620
1979	4,591,872.18	3,588,263	4,479,902	1,948,719	26.51	73,509
1980	5,421,620.55	4,145,577	5,175,701	2,414,568	27.23	88,673
1981	8,552,389.89	6,395,802	7,985,080	3,988,266	27.95	142,693
1982	11,723,040.81	8,567,198	10,696,040	5,716,217	28.68	199,310
1983	5,340,844.34	3,810,895	4,757,855	2,719,327	29.42	92,431
1984	7,277,056.00	5,065,108	6,323,725	3,864,153	30.17	128,079
1985	4,158,808.79	2,821,910	3,523,120	2,299,212	30.92	74,360
1986	7,071,913.12	4,671,437	5,832,231	4,068,447	31.69	128,383
1987	3,647,444.18	2,343,848	2,926,265	2,180,157	32.46	67,164
1988	4,667,067.42	2,914,117	3,638,239	2,895,655	33.24	87,114
1989	8,413,767.29	5,098,423	6,365,318	5,413,956	34.03	159,094
1990	11,905,873.13	6,995,153	8,733,362	7,934,860	34.82	227,882
1991	11,074,953.51	6,297,639	7,862,524	7,642,411	35.63	214,494
1992	2,254,662.75	1,239,474	1,547,468	1,609,060	36.44	44,156

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DUKE ENERGY CAROLINAS

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

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

SURVIVOR CURVE.. IOWA 60-R2.5
NET SALVAGE PERCENT.. -40

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1993	4,277,734.57	2,270,784	2,835,046	3,153,782	37.25	84,665
1994	9,908,400.61	5,067,770	6,327,048	7,544,713	38.08	198,128
1995	18,502,915.62	9,105,285	11,367,835	14,536,247	38.91	373,586
1996	6,315,531.24	2,985,592	3,727,475	5,114,269	39.74	128,693
1997	6,574,344.18	2,977,520	3,717,397	5,486,685	40.59	135,173
1998	4,060,533.57	1,758,463	2,195,419	3,489,328	41.44	84,202
1999	3,848,585.18	1,589,466	1,984,429	3,403,590	42.30	80,463
2000	6,388,608.95	2,510,327	3,134,112	5,809,941	43.16	134,614
2001	5,698,938.99	2,123,641	2,651,339	5,327,176	44.03	120,990
2002	15,644,856.74	5,512,278	6,882,011	15,020,788	44.90	334,539
2003	13,648,855.95	4,528,690	5,654,013	13,454,385	45.78	293,892
2004	22,281,682.92	6,930,450	8,652,581	22,541,775	46.67	483,004
2005	27,093,386.11	7,864,180	9,818,331	28,112,410	47.56	591,094
2006	35,786,682.59	9,644,511	12,041,052	38,060,304	48.45	785,558
2007	25,080,348.39	6,232,467	7,781,158	27,331,330	49.35	553,826
2008	28,634,343.46	6,507,498	8,124,531	31,963,550	50.26	635,964
2009	39,630,866.25	8,165,464	10,194,481	45,288,732	51.17	885,064
2010	28,694,408.01	5,302,727	6,620,389	33,551,782	52.08	644,235
2011	29,427,147.88	4,806,571	6,000,944	35,197,063	53.00	664,096
2012	24,234,099.01	3,437,898	4,292,173	29,635,566	53.92	549,621
2013	29,474,753.70	3,541,745	4,421,825	36,842,830	54.85	671,702
2014	26,389,107.16	2,604,605	3,251,817	33,692,933	55.77	604,141
2015	35,748,253.35	2,744,107	3,425,983	46,621,572	56.71	822,105
2016	38,513,356.37	2,120,622	2,647,570	51,271,129	57.64	889,506
2017	34,956,864.86	1,158,401	1,446,250	47,493,361	58.58	810,744
2018	28,531,426.14	312,761	390,478	39,553,519	59.53	664,430
	760,660,328.73	279,713,182	349,213,187	715,711,273		15,381,796

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 46.5 2.02

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DUKE ENERGY CAROLINAS

ACCOUNT 357 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 55-S4						
NET SALVAGE PERCENT.. 0						
1960	665.00	587	665			
1972	3,583.00	2,819	3,429	154	11.73	13
1973	3,140.00	2,436	2,963	177	12.33	14
1976	46,586.00	34,457	41,912	4,674	14.32	326
1987	50,980.00	29,068	35,356	15,624	23.64	661
2009	5,344.83	923	1,123	4,222	45.50	93
2011	793.41	108	131	662	47.50	14
2012	201.94	24	29	173	48.50	4
2013	65.90	7	9	57	49.50	1
2015	6.83			7	51.50	
2016	12,806.91	582	708	12,099	52.50	230
	124,173.82	71,011	86,325	37,849		1,356

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 27.9 1.09

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DUKE ENERGY CAROLINAS

ACCOUNT 358 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 50-S4						
NET SALVAGE PERCENT.. 0						
1971	1,584.26	1,331	1,537	47	8.00	6
1972	10,649.00	8,849	10,221	428	8.45	51
1973	4,762.13	3,912	4,519	243	8.93	27
1975	6,538.38	5,235	6,047	491	9.97	49
1976	188,598.36	148,880	171,964	16,634	10.53	1,580
1978	16,433.72	12,569	14,518	1,916	11.76	163
1979	325,295.00	244,492	282,401	42,894	12.42	3,454
1987	567,660.00	353,993	408,880	158,780	18.82	8,437
1997	511,606.00	219,991	254,101	257,505	28.50	9,035
2009	2,756,464.24	523,728	604,932	2,151,532	40.50	53,124
2016	1,422,411.40	71,121	82,148	1,340,263	47.50	28,216
	5,812,002.49	1,594,101	1,841,268	3,970,734		104,142

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 38.1 1.79

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DUKE ENERGY CAROLINAS

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 65-R4						
NET SALVAGE PERCENT.. 0						
1976	2,044.00	1,270	1,369	675	24.62	27
1993	39,500.00	15,296	16,486	23,014	39.83	578
1998	694.00	217	234	460	44.66	10
	42,238.00	16,783	18,089	24,149		615

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 39.3 1.46

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DUKE ENERGY CAROLINAS

ACCOUNT 360 RIGHTS OF WAY

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 80-R3						
NET SALVAGE PERCENT.. 0						
1906	8,101.81	7,536	7,557	545	5.59	97
1927	111.63	96	96	16	11.50	1
1929	907.14	769	771	136	12.20	11
1930	10,071.16	8,489	8,512	1,559	12.57	124
1931	729.81	612	614	116	12.95	9
1932	7,863.21	6,553	6,571	1,292	13.33	97
1933	1,979.42	1,640	1,645	334	13.73	24
1934	578.41	476	477	101	14.15	7
1935	2,494.36	2,040	2,046	448	14.57	31
1938	26.93	22	22	5	15.91	
1941	1,266.16	992	995	271	17.35	16
1942	1,084.63	842	844	241	17.86	13
1947	3,144.11	2,336	2,342	802	20.56	39
1948	4,658.49	3,427	3,436	1,222	21.14	58
1949	5,421.32	3,949	3,960	1,461	21.72	67
1950	7,953.41	5,734	5,750	2,203	22.32	99
1951	2,373.04	1,693	1,698	675	22.93	29
1952	2,172.46	1,533	1,537	635	23.54	27
1953	1,323.94	924	927	397	24.17	16
1954	321.51	222	223	99	24.81	4
1955	1,229.18	838	840	389	25.46	15
1956	407.42	274	275	132	26.12	5
1957	663.58	441	442	222	26.78	8
1958	3,725.98	2,447	2,454	1,272	27.46	46
1959	2,030.39	1,316	1,320	710	28.15	25
1960	1,804.74	1,154	1,157	648	28.84	22
1961	7,241.16	4,567	4,580	2,661	29.54	90
1962	6,059.95	3,769	3,779	2,281	30.25	75
1963	5,943.25	3,642	3,652	2,291	30.97	74
1964	7,872.32	4,753	4,766	3,106	31.70	98
1965	7,957.63	4,732	4,745	3,213	32.43	99
1966	12,128.56	7,100	7,120	5,009	33.17	151
1967	11,492.57	6,620	6,638	4,855	33.92	143
1968	13,065.61	7,402	7,422	5,644	34.68	163
1969	8,983.70	5,004	5,018	3,966	35.44	112
1970	6,222.44	3,406	3,415	2,807	36.21	78
1971	11,200.45	6,022	6,039	5,161	36.99	140
1972	12,740.42	6,725	6,744	5,996	37.77	159
1973	18,267.35	9,460	9,486	8,781	38.57	228
1974	16,630.28	8,448	8,471	8,159	39.36	207
1975	29,900.75	14,887	14,928	14,973	40.17	373
1976	13,345.43	6,509	6,527	6,818	40.98	166
1977	36,381.11	17,372	17,420	18,961	41.80	454

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DUKE ENERGY CAROLINAS

ACCOUNT 360 RIGHTS OF WAY

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 80-R3						
NET SALVAGE PERCENT.. 0						
1978	31,762.88	14,841	14,882	16,881	42.62	396
1979	30,020.81	13,716	13,754	16,267	43.45	374
1980	53,016.67	23,666	23,731	29,286	44.29	661
1981	79,908.65	34,831	34,927	44,982	45.13	997
1982	81,361.79	34,599	34,694	46,668	45.98	1,015
1983	103,255.03	42,812	42,930	60,325	46.83	1,288
1984	100,518.11	40,597	40,709	59,809	47.69	1,254
1985	114,519.38	45,020	45,144	69,375	48.55	1,429
1986	110,393.98	42,198	42,314	68,080	49.42	1,378
1987	51,351.08	19,064	19,116	32,235	50.30	641
1988	138,483.49	49,889	50,026	88,457	51.18	1,728
1989	211,919.14	73,985	74,189	137,730	52.07	2,645
1990	101,920.12	34,449	34,544	67,376	52.96	1,272
1991	50,667.20	16,556	16,602	34,065	53.86	632
1992	30,479.63	9,616	9,642	20,838	54.76	381
1993	20,535.58	6,245	6,262	14,274	55.67	256
1994	148,788.04	43,558	43,678	105,110	56.58	1,858
1995	26,233.42	7,382	7,402	18,831	57.49	328
1996	95,224.87	25,699	25,770	69,455	58.41	1,189
1997	66,533.10	17,182	17,229	49,304	59.34	831
1998	13,048.27	3,218	3,227	9,821	60.27	163
1999	21,914.95	5,150	5,164	16,751	61.20	274
2000	813.79	182	183	631	62.14	10
2002	333,578.96	66,632	66,815	266,764	64.02	4,167
2003	58,168.90	10,929	10,959	47,210	64.97	727
2004	271,629.51	47,807	47,939	223,691	65.92	3,393
2005	343,287.73	56,340	56,495	286,793	66.87	4,289
2006	891,691.84	135,644	136,017	755,675	67.83	11,141
2007	186,626.77	26,150	26,222	160,405	68.79	2,332
2008	678,756.85	86,962	87,201	591,556	69.75	8,481
2009	2,048,321.91	237,605	238,258	1,810,064	70.72	25,595
2010	224,232.24	23,293	23,357	200,875	71.69	2,802
2011	90,329.14	8,288	8,311	82,018	72.66	1,129
2012	1,613,681.50	128,481	128,835	1,484,846	73.63	20,166
2013	34,472.36	2,323	2,329	32,143	74.61	431
2014	45,513.47	2,515	2,522	42,991	75.58	569
2016	17,548.65	540	541	17,008	77.54	219
2017	11,893.39	220	221	11,672	78.52	149
	8,830,280.42	1,614,957	1,619,402	7,210,878		110,290

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 65.4 1.25

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DUKE ENERGY CAROLINAS

ACCOUNT 360.2 LAND RIGHTS

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 80-R3						
NET SALVAGE PERCENT.. 0						
1960	13,480.00	8,620	7,972	5,508	28.84	191
1961	152,939.00	96,466	89,217	63,722	29.54	2,157
1962	5,490.00	3,414	3,157	2,333	30.25	77
1963	9,322.00	5,713	5,284	4,038	30.97	130
1964	8,956.00	5,407	5,001	3,955	31.70	125
1965	17,213.00	10,235	9,466	7,747	32.43	239
1966	21,633.00	12,664	11,712	9,921	33.17	299
1967	31,136.00	17,934	16,586	14,550	33.92	429
1968	19,710.00	11,166	10,327	9,383	34.68	271
1969	33,391.00	18,599	17,201	16,190	35.44	457
1970	9,175.00	5,022	4,645	4,530	36.21	125
1971	209.00	112	104	105	36.99	3
1972	22,304.00	11,774	10,889	11,415	37.77	302
1973	20,435.00	10,583	9,788	10,647	38.57	276
1974	5,114.00	2,598	2,403	2,711	39.36	69
1975	5,825.00	2,900	2,682	3,143	40.17	78
1976	5,629.00	2,746	2,540	3,089	40.98	75
1977	2,881.00	1,376	1,273	1,608	41.80	38
1978	10,952.00	5,117	4,732	6,220	42.62	146
1979	14,115.00	6,449	5,964	8,151	43.45	188
1980	16,745.00	7,475	6,913	9,832	44.29	222
1981	18,858.00	8,220	7,602	11,256	45.13	249
1982	10,110.00	4,299	3,976	6,134	45.98	133
1983	16,919.00	7,015	6,488	10,431	46.83	223
1984	16,487.00	6,659	6,158	10,329	47.69	217
1985	17,273.00	6,790	6,280	10,993	48.55	226
1986	6,750.00	2,580	2,386	4,364	49.42	88
1987	3,145.00	1,168	1,080	2,065	50.30	41
1988	60.00	22	20	40	51.18	1
1989	243.00	85	79	164	52.07	3
1990	13,356.00	4,514	4,175	9,181	52.96	173
1991	1,902.00	621	574	1,328	53.86	25
2000	104.00	23	21	83	62.14	1
2001	29,699.00	6,281	5,809	23,890	63.08	379
	561,560.00	294,647	272,504	289,056		7,656

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.8 1.36

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DUKE ENERGY CAROLINAS

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 55-S0.5						
NET SALVAGE PERCENT.. -10						
1929	1,536.65	1,475	1,607	83	7.01	12
1950	526.33	427	465	114	14.39	8
1960	256,914.11	188,523	205,440	77,166	18.31	4,214
1961	24,173.88	17,541	19,115	7,476	18.72	399
1962	59,698.44	42,828	46,671	18,997	19.13	993
1963	54,423.18	38,586	42,048	17,817	19.55	911
1964	43,801.13	30,678	33,431	14,750	19.98	738
1965	27,971.87	19,357	21,094	9,675	20.40	474
1966	110,425.09	75,442	82,212	39,256	20.84	1,884
1967	85,398.98	57,610	62,779	31,160	21.27	1,465
1968	125,940.64	83,826	91,348	47,187	21.72	2,173
1969	108,292.41	71,105	77,485	41,637	22.17	1,878
1970	75,098.53	48,634	52,998	29,610	22.62	1,309
1971	140,531.62	89,715	97,765	56,820	23.08	2,462
1972	140,076.39	88,136	96,045	58,039	23.54	2,466
1973	62,704.61	38,864	42,351	26,624	24.01	1,109
1974	230,495.89	140,649	153,270	100,275	24.49	4,095
1975	146,188.38	87,801	95,680	65,127	24.97	2,608
1976	355,025.63	209,819	228,646	161,882	25.45	6,361
1977	53,373.71	31,010	33,793	24,918	25.95	960
1978	224,364.27	128,112	139,608	107,193	26.45	4,053
1979	704,016.60	394,814	430,241	344,177	26.96	12,766
1980	449,693.31	247,603	269,821	224,842	27.47	8,185
1981	630,529.46	340,611	371,175	322,407	27.99	11,519
1982	275,585.86	145,949	159,045	144,099	28.52	5,053
1983	435,605.85	225,994	246,273	232,893	29.06	8,014
1984	388,424.70	197,321	215,027	212,240	29.60	7,170
1985	492,173.93	244,611	266,560	274,831	30.15	9,115
1986	476,523.30	231,497	252,270	271,906	30.71	8,854
1987	186,838.69	88,636	96,589	108,934	31.28	3,483
1988	879,368.33	407,148	443,682	523,623	31.85	16,440
1989	1,162,106.67	524,340	571,390	706,927	32.44	21,792
1990	1,265,461.59	556,037	605,931	786,077	33.03	23,799
1991	535,742.86	228,867	249,404	339,913	33.64	10,104
1992	996,923.83	413,720	450,844	645,772	34.25	18,855
1993	564,665.50	227,223	247,612	373,520	34.88	10,709
1994	1,187,452.02	462,864	504,398	801,799	35.51	22,580
1995	199,794.41	75,323	82,082	137,692	36.15	3,809
1996	502,950.89	182,975	199,394	353,852	36.81	9,613
1997	426,376.21	149,489	162,903	306,111	37.47	8,169
1998	347,556.83	117,125	127,635	254,678	38.15	6,676
1999	176,583.91	57,072	62,193	132,049	38.84	3,400
2000	254,952.71	78,831	85,905	194,543	39.54	4,920

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DUKE ENERGY CAROLINAS

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 55-S0.5						
NET SALVAGE PERCENT.. -10						
2001	110,617.61	32,632	35,560	86,119	40.25	2,140
2002	2,105,906.55	590,915	643,939	1,672,558	40.97	40,824
2003	900,864.02	239,453	260,940	730,010	41.71	17,502
2004	1,367,839.26	343,054	373,837	1,130,786	42.46	26,632
2005	3,502,083.86	825,084	899,120	2,953,172	43.22	68,329
2006	3,912,533.92	860,757	937,995	3,365,792	44.00	76,495
2007	4,176,766.59	852,912	929,446	3,664,997	44.79	81,826
2008	4,310,831.34	811,294	884,093	3,857,821	45.59	84,620
2009	903,292.26	155,184	169,109	824,512	46.41	17,766
2010	3,174,342.07	492,026	536,176	2,955,600	47.25	62,552
2011	5,059,592.34	698,198	760,849	4,804,703	48.10	99,890
2012	9,277,436.44	1,120,733	1,221,299	8,983,881	48.96	183,494
2013	12,548,494.16	1,295,030	1,411,236	12,392,108	49.84	248,638
2014	8,580,535.94	731,019	796,615	8,641,975	50.74	170,319
2015	9,693,876.58	649,499	707,779	9,955,485	51.65	192,749
2016	8,481,649.56	410,512	447,348	8,882,467	52.58	168,932
2017	11,001,702.37	323,483	352,510	11,749,363	53.53	219,491
2018	8,853,329.26	86,771	94,557	9,644,105	54.51	176,924
	112,827,983.33	17,606,744	19,186,633	104,924,149		2,214,720

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 47.4 1.96

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DUKE ENERGY CAROLINAS

ACCOUNT 362 STATION EQUIPMENT

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

SURVIVOR CURVE.. IOWA 44-R1
NET SALVAGE PERCENT.. -20

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1926	5,411.88	6,494	6,494			
1930	1,002.69	1,203	1,203			
1932	1,849.30	2,187	2,219			
1933	749.89	880	900			
1934	1,083.55	1,262	1,300			
1935	619.49	716	743			
1936	126.49	145	152			
1938	249.02	281	299			
1939	216.17	242	259			
1940	413.42	460	496			
1941	1,261.23	1,392	1,513			
1942	19,470.43	21,331	23,365			
1943	3,360.59	3,654	4,033			
1945	1,954.96	2,094	2,346			
1946	654.66	696	786			
1947	149.47	158	179			
1948	5,197.90	5,435	6,237			
1949	5,578.08	5,784	6,694			
1950	2,726.67	2,803	3,272			
1952	5,400.95	5,453	6,481			
1953	301.00	301	361			
1954	8,158.35	8,083	9,790			
1955	5,294.86	5,196	6,354			
1956	4,982.01	4,840	5,978			
1957	37,854.11	36,402	45,425			
1958	16,128.38	15,347	19,354			
1959	4,256.75	4,006	5,108			
1960	10,488,179.27	9,762,565	12,585,815			
1961	1,537,572.03	1,414,849	1,833,619	11,467	10.26	1,118
1962	1,345,448.23	1,223,739	1,585,943	28,595	10.65	2,685
1963	2,747,650.55	2,469,127	3,199,944	97,237	11.05	8,800
1964	2,035,284.58	1,806,234	2,340,846	101,495	11.46	8,856
1965	4,762,693.06	4,173,434	5,408,695	306,537	11.87	25,825
1966	4,107,176.91	3,550,819	4,601,797	326,815	12.30	26,570
1967	5,938,876.30	5,066,408	6,565,973	560,679	12.72	44,079
1968	7,726,522.11	6,498,716	8,422,218	849,609	13.16	64,560
1969	11,456,185.01	9,498,231	12,309,535	1,437,887	13.60	105,727
1970	7,955,184.26	6,497,922	8,421,189	1,125,032	14.05	80,073
1971	8,088,392.12	6,507,435	8,433,517	1,272,554	14.50	87,762
1972	15,737,807.58	12,460,000	16,147,933	2,737,436	14.97	182,861
1973	8,034,299.57	6,257,980	8,110,228	1,530,931	15.44	99,154
1974	13,245,100.76	10,143,310	13,145,545	2,748,576	15.92	172,649
1975	13,077,179.40	9,843,507	12,757,006	2,935,609	16.40	179,001

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DUKE ENERGY CAROLINAS

ACCOUNT 362 STATION EQUIPMENT

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

SURVIVOR CURVE.. IOWA 44-R1
NET SALVAGE PERCENT.. -20

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1976	8,683,671.73	6,418,032	8,317,653	2,102,753	16.90	124,423
1977	4,172,763.78	3,027,173	3,923,161	1,084,156	17.40	62,308
1978	3,100,574.43	2,206,183	2,859,173	861,516	17.91	48,103
1979	4,806,684.72	3,352,028	4,344,167	1,423,855	18.43	77,257
1980	6,454,103.16	4,409,340	5,714,424	2,030,500	18.95	107,150
1981	7,777,814.56	5,201,211	6,740,675	2,592,702	19.48	133,096
1982	7,460,891.25	4,879,423	6,323,643	2,629,426	20.02	131,340
1983	7,167,198.01	4,579,840	5,935,389	2,665,249	20.57	129,570
1984	8,332,176.70	5,196,979	6,735,190	3,263,422	21.13	154,445
1985	11,002,132.38	6,691,321	8,671,830	4,530,729	21.70	208,789
1986	13,613,560.80	8,067,832	10,455,764	5,880,509	22.27	264,055
1987	10,555,640.73	6,088,662	7,890,795	4,775,974	22.85	209,014
1988	15,296,373.86	8,577,044	11,115,693	7,239,956	23.44	308,872
1989	19,460,317.02	10,598,711	13,735,737	9,616,643	24.03	400,193
1990	25,008,108.54	13,204,281	17,112,508	12,897,222	24.64	523,426
1991	15,118,667.25	7,731,203	10,019,498	8,122,903	25.25	321,699
1992	17,436,973.95	8,626,490	11,179,774	9,744,595	25.86	376,821
1993	12,280,600.34	5,864,478	7,600,257	7,136,463	26.49	269,402
1994	9,422,099.73	4,337,633	5,621,493	5,685,027	27.12	209,625
1995	7,667,514.60	3,398,120	4,403,902	4,797,116	27.75	172,869
1996	10,999,611.30	4,682,799	6,068,822	7,130,712	28.39	251,170
1997	9,156,661.72	3,735,918	4,841,682	6,146,312	29.04	211,650
1998	10,987,554.96	4,285,146	5,553,471	7,631,595	29.70	256,956
1999	9,013,446.01	3,355,490	4,348,654	6,467,481	30.35	213,097
2000	30,099,831.54	10,655,340	13,809,127	22,310,671	31.02	719,235
2001	28,630,884.37	9,612,075	12,457,074	21,899,987	31.69	691,069
2002	46,030,636.31	14,612,886	18,938,035	36,298,729	32.36	1,121,716
2003	31,163,076.07	9,323,494	12,083,079	25,312,612	33.03	766,352
2004	32,064,600.35	8,998,353	11,661,702	26,815,818	33.71	795,486
2005	51,501,356.96	13,498,094	17,493,284	44,308,344	34.39	1,288,408
2006	67,545,370.03	16,432,167	21,295,790	59,758,654	35.08	1,703,496
2007	49,374,869.54	11,082,683	14,362,955	44,886,888	35.77	1,254,875
2008	72,864,896.54	14,983,354	19,418,154	68,019,722	36.46	1,865,599
2009	54,581,741.28	10,181,678	13,195,270	52,302,820	37.16	1,407,503
2010	40,382,178.21	6,762,400	8,763,947	39,694,667	37.86	1,048,459
2011	46,554,091.49	6,894,289	8,934,873	46,930,037	38.57	1,216,750
2012	61,171,849.04	7,891,169	10,226,812	63,179,407	39.27	1,608,847
2013	49,008,781.20	5,359,992	6,946,452	51,864,085	39.99	1,296,926
2014	51,779,921.85	4,645,902	6,021,004	56,114,902	40.71	1,378,406
2015	66,546,259.87	4,664,360	6,044,926	73,810,586	41.43	1,781,573

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DUKE ENERGY CAROLINAS

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 44-R1						
NET SALVAGE PERCENT.. -20						
2016	71,853,091.12	3,605,876	4,673,150	81,550,559	42.16	1,934,311
2017	74,409,089.53	2,252,810	2,919,601	86,371,306	42.89	2,013,787
2018	77,692,206.00	784,070	1,016,140	92,214,507	43.63	2,113,557
	1,376,647,876.87	398,067,450	515,805,874	1,136,171,578		32,261,405
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					35.2	2.34

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DUKE ENERGY CAROLINAS

ACCOUNT 364 POLES, 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 50-R2						
NET SALVAGE PERCENT.. -30						
1960	4,893,935.17	5,062,972	6,362,116			
1961	548,807.10	562,341	713,449			
1962	1,079,690.97	1,095,087	1,403,598			
1963	1,960,834.04	1,968,403	2,549,084			
1964	2,539,130.44	2,521,204	3,300,870			
1965	1,543,679.34	1,515,523	1,992,804	13,979	12.24	1,142
1966	2,985,764.42	2,897,147	3,809,540	71,954	12.68	5,675
1967	3,269,721.92	3,134,421	4,121,538	129,100	13.13	9,832
1968	1,797,293.76	1,700,959	2,236,639	99,843	13.60	7,341
1969	4,681,258.83	4,373,138	5,750,362	335,274	14.07	23,829
1970	3,345,866.57	3,083,015	4,053,943	295,684	14.56	20,308
1971	7,435,157.56	6,754,395	8,881,543	784,162	15.06	52,069
1972	7,473,206.06	6,689,865	8,796,691	918,477	15.57	58,990
1973	8,207,042.02	7,235,821	9,514,584	1,154,571	16.09	71,757
1974	11,810,614.08	10,247,125	13,474,232	1,879,566	16.63	113,023
1975	4,764,564.43	4,066,937	5,347,729	846,205	17.17	49,284
1976	8,584,225.82	7,202,337	9,470,555	1,688,939	17.73	95,259
1977	11,562,603.05	9,529,897	12,531,128	2,500,256	18.30	136,626
1978	10,135,053.72	8,200,475	10,783,034	2,392,536	18.88	126,723
1979	14,589,792.52	11,577,292	15,223,306	3,743,424	19.48	192,168
1980	13,990,008.83	10,883,108	14,310,504	3,876,507	20.08	193,053
1981	16,721,272.12	12,738,265	16,749,901	4,987,753	20.70	240,954
1982	19,138,098.90	14,270,898	18,765,203	6,114,326	21.32	286,788
1983	23,125,368.30	16,859,319	22,168,791	7,894,188	21.96	359,480
1984	26,492,130.90	18,872,994	24,816,628	9,623,142	22.60	425,803
1985	26,653,978.82	18,530,912	24,366,815	10,283,357	23.26	442,105
1986	32,971,673.81	22,348,860	29,387,142	13,476,034	23.93	563,144
1987	35,641,651.16	23,537,746	30,950,441	15,383,706	24.60	625,354
1988	45,445,323.86	29,196,803	38,391,694	20,687,227	25.29	818,000
1989	48,019,843.52	29,989,353	39,433,840	22,991,957	25.98	884,987
1990	69,683,810.80	42,232,570	55,532,789	35,056,165	26.69	1,313,457
1991	48,616,248.28	28,566,907	37,563,426	25,637,697	27.40	935,682
1992	37,818,808.40	21,504,531	28,276,910	20,887,541	28.13	742,536
1993	39,127,617.15	21,506,103	28,278,977	22,586,925	28.86	782,638
1994	22,160,375.42	11,753,863	15,455,484	13,353,004	29.60	451,115
1995	21,052,280.42	10,755,610	14,142,853	13,225,112	30.35	435,753
1996	21,353,322.35	10,493,023	13,797,570	13,961,749	31.10	448,931
1997	18,910,535.92	8,914,048	11,721,331	12,862,366	31.87	403,589
1998	18,422,941.55	8,315,379	10,934,125	13,015,699	32.64	398,765
1999	19,349,203.46	8,341,055	10,967,887	14,186,077	33.42	424,479
2000	63,276,244.56	25,977,429	34,158,449	48,100,669	34.21	1,406,041
2001	29,292,913.90	11,416,620	15,012,033	23,068,755	35.01	658,919
2002	22,553,058.07	8,320,725	10,941,154	18,377,821	35.81	513,204

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DUKE ENERGY CAROLINAS

ACCOUNT 364 POLES, 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 50-R2						
NET SALVAGE PERCENT.. -30						
2003	24,636,424.87	8,570,519	11,269,616	20,757,736	36.62	566,842
2004	39,675,373.45	12,956,390	17,036,720	34,541,265	37.44	922,577
2005	44,739,983.65	13,656,433	17,957,226	40,204,753	38.26	1,050,830
2006	43,003,953.82	12,198,502	16,040,152	39,864,988	39.09	1,019,826
2007	41,530,189.59	10,873,434	14,297,783	39,691,463	39.93	994,026
2008	43,034,772.19	10,327,485	13,579,899	42,365,305	40.77	1,039,129
2009	34,586,964.51	7,526,815	9,897,220	35,065,834	41.63	842,321
2010	24,148,503.91	4,721,515	6,208,452	25,184,603	42.48	592,858
2011	47,564,733.38	8,223,942	10,813,892	51,020,261	43.35	1,176,938
2012	27,480,016.68	4,129,697	5,430,254	30,293,768	44.22	685,069
2013	34,350,256.53	4,385,154	5,766,162	38,889,171	45.09	862,479
2014	74,745,443.37	7,831,828	10,298,290	86,870,786	45.97	1,889,728
2015	53,894,285.70	4,399,929	5,785,590	64,276,981	46.86	1,371,681
2016	59,727,476.03	3,494,057	4,594,434	73,051,285	47.75	1,529,870
2017	99,973,515.34	3,509,070	4,614,175	125,351,395	48.65	2,576,596
2018	107,018,670.81	1,252,118	1,646,445	137,477,827	49.55	2,774,527
	1,633,135,516.15	632,801,363	831,677,002	1,291,399,169		34,614,100

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.3 2.12

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DUKE ENERGY CAROLINAS

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 52-R0.5						
NET SALVAGE PERCENT.. -25						
1960	11,283,391.18	8,834,190	14,104,239			
1961	2,278,590.27	1,759,328	2,848,238			
1962	2,392,481.64	1,820,828	2,990,602			
1963	2,564,038.38	1,923,029	3,205,048			
1964	2,734,821.25	2,020,212	3,418,527			
1965	1,164,703.02	847,205	1,455,879			
1966	2,851,494.84	2,041,955	3,534,010	30,359	22.21	1,367
1967	3,409,754.19	2,402,385	4,157,806	104,387	22.69	4,601
1968	1,943,688.74	1,346,563	2,330,496	99,115	23.18	4,276
1969	4,276,548.59	2,913,399	5,042,218	303,468	23.66	12,826
1970	3,010,888.61	2,014,962	3,487,293	276,318	24.16	11,437
1971	6,476,507.14	4,257,980	7,369,283	726,351	24.65	29,467
1972	5,364,761.07	3,461,277	5,990,430	715,521	25.16	28,439
1973	8,129,944.64	5,147,678	8,909,083	1,253,348	25.66	48,844
1974	10,724,762.18	6,659,139	11,524,967	1,880,986	26.17	71,876
1975	2,856,913.44	1,738,182	3,008,270	562,872	26.69	21,089
1976	5,321,059.08	3,170,886	5,487,850	1,163,474	27.21	42,759
1977	7,696,544.62	4,490,260	7,771,290	1,849,391	27.73	66,693
1978	6,075,451.36	3,467,108	6,000,521	1,593,793	28.26	56,397
1979	10,098,817.44	5,634,509	9,751,641	2,871,881	28.79	99,753
1980	6,231,322.00	3,395,759	5,877,038	1,912,114	29.33	65,193
1981	10,704,012.88	5,694,267	9,855,064	3,524,952	29.87	118,010
1982	12,259,054.32	6,359,384	11,006,181	4,317,637	30.42	141,934
1983	14,522,329.73	7,345,031	12,712,040	5,440,872	30.96	175,739
1984	15,936,601.34	7,845,788	13,578,700	6,342,052	31.52	201,207
1985	15,051,736.79	7,211,099	12,480,244	6,334,427	32.07	197,519
1986	18,487,683.20	8,608,327	14,898,425	8,211,179	32.63	251,645
1987	19,479,958.07	8,808,107	15,244,184	9,105,764	33.19	274,353
1988	29,370,783.16	12,877,987	22,287,923	14,425,556	33.76	427,297
1989	31,046,172.83	13,187,250	22,823,164	15,984,552	34.33	465,615
1990	48,165,445.30	19,799,008	34,266,129	25,940,678	34.90	743,286
1991	32,324,544.74	12,836,481	22,216,088	18,189,593	35.48	512,672
1992	24,811,517.42	9,507,153	16,454,023	14,560,374	36.06	403,782
1993	23,643,738.83	8,729,859	15,108,760	14,445,914	36.64	394,266
1994	31,281,931.53	11,114,079	19,235,128	19,867,286	37.22	533,780
1995	37,845,085.06	12,908,959	22,341,526	24,964,830	37.81	660,271
1996	48,169,100.16	15,759,123	27,274,303	32,937,072	38.39	857,960
1997	58,682,813.21	18,366,253	31,786,460	41,567,057	38.98	1,066,369
1998	53,583,380.54	16,010,714	27,709,731	39,269,495	39.57	992,406
1999	54,387,478.33	15,466,439	26,767,755	41,216,593	40.17	1,026,054
2000	89,424,726.44	24,161,443	41,816,191	69,964,717	40.76	1,716,504
2001	94,274,182.31	24,112,979	41,732,315	76,110,413	41.36	1,840,194
2002	76,499,020.47	18,481,207	31,985,411	63,638,365	41.95	1,517,005

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DUKE ENERGY CAROLINAS

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 52-R0.5						
NET SALVAGE PERCENT.. -25						
2003	58,904,975.58	13,381,002	23,158,490	50,472,729	42.55	1,186,198
2004	69,318,784.95	14,746,705	25,522,111	61,126,370	43.15	1,416,602
2005	80,023,140.15	15,869,589	27,465,486	72,563,439	43.75	1,658,593
2006	71,217,793.74	13,096,952	22,666,885	66,355,357	44.35	1,496,175
2007	68,475,166.44	11,587,710	20,054,841	65,539,117	44.96	1,457,721
2008	71,112,212.82	11,009,059	19,053,370	69,836,896	45.56	1,532,855
2009	58,368,971.82	8,180,411	14,157,831	58,803,384	46.17	1,273,628
2010	39,982,062.89	5,026,745	8,699,784	41,277,795	46.77	882,570
2011	79,977,365.31	8,882,486	15,372,912	84,598,795	47.38	1,785,538
2012	75,470,904.80	7,275,395	12,591,521	81,747,110	47.99	1,703,420
2013	98,458,325.50	8,023,123	13,885,613	109,187,294	48.61	2,246,190
2014	85,256,383.87	5,697,258	9,860,241	96,710,239	49.22	1,964,857
2015	104,055,526.56	5,427,796	9,393,883	120,675,525	49.83	2,421,744
2016	99,659,811.89	3,713,574	6,427,080	118,147,685	50.45	2,341,877
2017	144,058,340.36	3,219,704	5,572,339	174,500,586	51.07	3,416,890
2018	112,462,771.32	837,848	1,450,063	139,128,401	51.69	2,691,592
	2,263,640,318.34	490,513,128	847,176,924	1,982,373,474		44,559,335

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 44.5 1.97

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DUKE ENERGY CAROLINAS

ACCOUNT 366 UNDERGROUND CONDUIT

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

SURVIVOR CURVE.. IOWA 60-R3
NET SALVAGE PERCENT.. -15

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1960	365,186.94	330,164	419,965			
1961	32,897.67	29,427	37,832			
1962	71,592.63	63,327	82,332			
1963	28,627.14	25,031	32,921			
1964	70,949.83	61,290	81,592			
1965	115,237.28	98,309	132,523			
1966	547,012.02	460,582	629,064			
1967	125,767.94	104,473	144,633			
1968	138,685.48	113,583	159,053	435	17.27	25
1969	10,279,304.48	8,296,473	11,617,739	203,461	17.89	11,373
1970	647,707.82	514,828	720,925	23,939	18.53	1,292
1971	546,348.80	427,452	598,571	29,730	19.18	1,550
1972	272,698.20	209,904	293,933	19,670	19.84	991
1973	603,603.38	456,865	639,758	54,386	20.51	2,652
1974	638,242.83	474,760	664,817	69,162	21.19	3,264
1975	385,060.59	281,266	393,863	48,957	21.89	2,237
1976	637,022.08	456,636	639,438	93,137	22.60	4,121
1977	2,310,204.39	1,624,142	2,274,323	382,412	23.32	16,398
1978	592,891.91	408,530	572,074	109,752	24.05	4,563
1979	783,199.82	528,546	740,135	160,545	24.79	6,476
1980	919,991.45	607,815	851,137	206,853	25.53	8,102
1981	965,718.56	623,955	873,738	236,838	26.29	9,009
1982	945,224.59	596,768	835,668	251,340	27.06	9,288
1983	1,221,258.53	752,784	1,054,141	350,306	27.84	12,583
1984	2,783,784.69	1,673,763	2,343,808	857,544	28.63	29,953
1985	3,681,439.86	2,157,767	3,021,570	1,212,086	29.42	41,199
1986	5,974,711.60	3,409,144	4,773,902	2,097,016	30.23	69,369
1987	9,223,046.03	5,119,441	7,168,870	3,437,633	31.04	110,748
1988	14,069,283.79	7,588,268	10,626,024	5,553,652	31.86	174,314
1989	14,334,887.77	7,503,532	10,507,366	5,977,755	32.69	182,862
1990	20,251,451.96	10,274,483	14,387,592	8,901,578	33.53	265,481
1991	12,261,961.43	6,021,236	8,431,674	5,669,582	34.38	164,909
1992	8,542,506.62	4,055,593	5,679,139	4,144,744	35.23	117,648
1993	5,486,213.90	2,514,195	3,520,684	2,788,462	36.09	77,264
1994	2,679,522.63	1,183,277	1,656,970	1,424,481	36.96	38,541
1995	1,769,260.96	751,457	1,052,282	982,368	37.84	25,961
1996	1,354,609.61	552,505	773,685	784,116	38.72	20,251
1997	2,152,987.97	841,397	1,178,227	1,297,709	39.61	32,762
1998	2,771,787.65	1,035,414	1,449,914	1,737,642	40.51	42,894
1999	2,742,523.52	977,173	1,368,358	1,785,544	41.41	43,119
2000	3,957,577.85	1,341,106	1,877,981	2,673,234	42.32	63,167
2001	3,328,482.69	1,069,207	1,497,235	2,330,520	43.24	53,897
2002	2,113,629.52	641,698	898,584	1,532,090	44.16	34,694

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DUKE ENERGY CAROLINAS

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 60-R3						
NET SALVAGE PERCENT.. -15						
2003	1,699,804.22	486,094	680,688	1,274,087	45.08	28,263
2004	2,053,100.64	550,128	770,357	1,590,709	46.02	34,566
2005	3,182,674.35	795,444	1,113,878	2,546,198	46.96	54,221
2006	2,561,184.00	593,991	831,779	2,113,583	47.90	44,125
2007	4,461,614.77	953,467	1,335,162	3,795,695	48.85	77,701
2008	4,243,855.91	829,674	1,161,811	3,718,623	49.80	74,671
2009	6,839,983.61	1,212,698	1,698,169	6,167,812	50.75	121,533
2010	1,834,050.51	291,422	408,085	1,701,073	51.71	32,896
2011	3,982,109.21	558,690	782,346	3,797,080	52.68	72,078
2012	2,567,726.97	313,006	438,309	2,514,577	53.64	46,879
2013	3,526,968.56	363,703	509,302	3,546,712	54.62	64,934
2014	4,943,623.09	417,860	585,139	5,100,028	55.59	91,744
2015	4,853,077.71	319,961	448,049	5,132,990	56.56	90,753
2016	5,037,383.87	237,513	332,595	5,460,396	57.54	94,897
2017	5,000,115.06	141,856	198,644	5,551,488	58.52	94,865
2018	4,438,472.89	41,702	58,396	5,045,848	59.51	84,790
	203,949,849.78	84,364,775	118,056,749	116,485,578		2,791,873

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 41.7 1.37

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DUKE ENERGY CAROLINAS

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

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

SURVIVOR CURVE.. IOWA 55-R3
NET SALVAGE PERCENT.. -20

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1960	46,926.27	46,523	56,312			
1962	8,235.74	8,012	9,739	144	10.41	14
1963	9,220.22	8,880	10,794	270	10.86	25
1964	46,628.44	44,428	54,004	1,950	11.33	172
1965	29,967.16	28,232	34,317	1,644	11.82	139
1966	276,992.57	257,876	313,456	18,935	12.33	1,536
1967	172,374.65	158,521	192,687	14,163	12.85	1,102
1968	209,673.50	190,354	231,381	20,227	13.39	1,511
1969	6,130,207.81	5,491,808	6,675,460	680,789	13.94	48,837
1970	1,518,413.91	1,341,391	1,630,502	191,595	14.51	13,204
1971	2,270,929.42	1,976,935	2,403,025	322,090	15.10	21,330
1972	552,578.85	473,688	575,782	87,313	15.71	5,558
1973	3,066,793.07	2,588,140	3,145,963	534,189	16.32	32,732
1974	4,893,421.38	4,061,383	4,936,735	935,371	16.96	55,152
1975	1,263,516.19	1,030,756	1,252,915	263,304	17.61	14,952
1976	3,523,812.21	2,823,927	3,432,569	796,006	18.27	43,569
1977	4,997,542.84	3,931,907	4,779,352	1,217,699	18.94	64,292
1978	4,051,802.06	3,126,808	3,800,730	1,061,432	19.63	54,072
1979	7,876,799.18	5,958,263	7,242,450	2,209,709	20.33	108,692
1980	9,071,407.62	6,721,369	8,170,028	2,715,661	21.04	129,071
1981	9,926,036.89	7,196,536	8,747,608	3,163,636	21.77	145,321
1982	11,465,581.75	8,130,152	9,882,447	3,876,251	22.50	172,278
1983	12,132,739.70	8,404,640	10,216,095	4,343,193	23.25	186,804
1984	14,062,554.06	9,508,255	11,557,573	5,317,492	24.01	221,470
1985	16,160,920.57	10,659,226	12,956,613	6,436,492	24.77	259,850
1986	25,709,720.59	16,519,524	20,079,984	10,771,681	25.55	421,592
1987	26,380,032.67	16,495,645	20,050,958	11,605,081	26.34	440,588
1988	46,797,501.31	28,446,329	34,577,378	21,579,624	27.14	795,122
1989	38,649,722.14	22,818,796	27,736,940	18,642,727	27.94	667,241
1990	54,937,745.75	31,452,299	38,231,226	27,694,069	28.76	962,937
1991	65,560,226.91	36,346,590	44,180,385	34,491,887	29.59	1,165,660
1992	54,227,072.75	29,081,545	35,349,502	29,722,985	30.42	977,087
1993	49,357,443.98	25,565,577	31,075,736	28,153,197	31.26	900,614
1994	34,409,183.29	17,184,497	20,888,279	20,402,741	32.11	635,401
1995	35,698,014.05	17,158,607	20,856,809	21,980,808	32.97	666,691
1996	32,915,616.61	15,196,350	18,471,625	21,027,115	33.84	621,369
1997	35,852,062.49	15,863,677	19,282,782	23,739,693	34.72	683,747
1998	55,439,762.64	23,466,321	28,524,027	38,003,688	35.60	1,067,519
1999	46,201,931.67	18,659,112	22,680,718	32,761,600	36.49	897,824
2000	83,059,925.24	31,912,952	38,791,163	60,880,747	37.39	1,628,263
2001	74,878,071.69	27,283,173	33,163,526	56,690,160	38.30	1,480,161
2002	57,571,404.59	19,833,809	24,108,598	44,977,088	39.21	1,147,082
2003	50,936,294.13	16,525,364	20,087,082	41,036,471	40.13	1,022,588

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DUKE ENERGY CAROLINAS

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 55-R3						
NET SALVAGE PERCENT.. -20						
2004	65,089,961.47	19,796,461	24,063,200	54,044,754	41.06	1,316,239
2005	92,115,083.60	26,147,788	31,783,431	78,754,669	41.99	1,875,558
2006	97,575,403.38	25,695,507	31,233,670	85,856,814	42.93	1,999,926
2007	128,015,995.65	31,086,380	37,786,440	115,832,755	43.87	2,640,364
2008	112,658,284.37	25,046,640	30,444,953	104,744,988	44.81	2,337,536
2009	44,756,848.02	9,013,313	10,955,956	42,752,262	45.77	934,067
2010	27,035,153.34	4,884,171	5,936,858	26,505,326	46.72	567,323
2011	29,700,120.71	4,736,932	5,757,885	29,882,260	47.69	626,594
2012	33,710,675.43	4,670,277	5,676,864	34,775,947	48.65	714,819
2013	54,990,712.16	6,455,030	7,846,285	58,142,570	49.62	1,171,757
2014	37,412,365.16	3,599,668	4,375,506	40,519,332	50.59	800,936
2015	46,614,369.29	3,488,246	4,240,069	51,697,174	51.57	1,002,466
2016	62,967,455.10	3,379,841	4,108,300	71,452,646	52.54	1,359,967
2017	116,006,095.74	3,746,069	4,553,461	134,653,854	53.52	2,515,954
2018	109,866,483.66	1,174,692	1,427,874	130,411,906	54.51	2,392,440
	2,040,861,815.64	666,899,192	810,636,007	1,638,398,172		40,019,115

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 40.9 1.96

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DUKE ENERGY CAROLINAS

ACCOUNT 368 LINE TRANSFORMERS

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

SURVIVOR CURVE.. IOWA 45-R1.5
NET SALVAGE PERCENT.. -10

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1929	42.91	47	47			
1930	32.98	36	36			
1931	46.47	50	51			
1932	54.29	58	60			
1933	100.93	107	111			
1934	12.99	14	14			
1935	72.20	75	79			
1939	193.87	197	213			
1940	187.78	190	207			
1941	256.83	258	283			
1942	137.91	138	152			
1944	315.79	312	347			
1945	2,631.05	2,585	2,894			
1946	2,966.32	2,897	3,263			
1947	5,084.95	4,935	5,593			
1948	8,707.80	8,395	9,579			
1949	5,895.01	5,644	6,485			
1950	8,554.91	8,133	9,410			
1951	11,613.68	10,961	12,775			
1952	11,189.88	10,484	12,309			
1953	15,327.85	14,253	16,861			
1954	18,281.17	16,869	20,109			
1955	26,957.35	24,678	29,653			
1956	18,120.64	16,456	19,933			
1957	44,735.35	40,286	49,209			
1958	36,813.84	32,864	40,495			
1959	58,651.98	51,900	64,517			
1960	2,584,952.12	2,267,166	2,843,447			
1961	94,324.08	81,945	103,756			
1962	548,832.79	472,239	601,168	2,548	9.80	260
1963	723,011.38	615,922	784,079	11,234	10.15	1,107
1964	1,237,054.71	1,042,642	1,327,301	33,459	10.52	3,181
1965	1,652,977.69	1,378,253	1,754,539	63,736	10.89	5,853
1966	2,287,091.83	1,885,744	2,400,584	115,217	11.27	10,223
1967	4,198,534.42	3,421,717	4,355,904	262,484	11.66	22,511
1968	3,286,109.47	2,645,975	3,368,371	246,349	12.06	20,427
1969	5,652,951.52	4,495,108	5,722,349	495,898	12.47	39,767
1970	3,809,426.13	2,990,080	3,806,423	383,946	12.89	29,786
1971	4,859,413.86	3,761,954	4,789,031	556,324	13.33	41,735
1972	5,478,963.62	4,182,641	5,324,573	702,287	13.77	51,001
1973	10,805,887.19	8,127,734	10,346,744	1,539,732	14.23	108,203
1974	11,765,114.15	8,713,985	11,093,051	1,848,575	14.70	125,753
1975	1,261,428.50	919,502	1,170,542	217,029	15.18	14,297

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DUKE ENERGY CAROLINAS

ACCOUNT 368 LINE TRANSFORMERS

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

SURVIVOR CURVE.. IOWA 45-R1.5
NET SALVAGE PERCENT.. -10

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1976	1,614,568.94	1,157,187	1,473,119	302,907	15.68	19,318
1977	9,520,137.08	6,706,784	8,537,850	1,934,301	16.18	119,549
1978	11,022,961.38	7,625,453	9,707,331	2,417,927	16.70	144,786
1979	12,621,999.79	8,571,133	10,911,198	2,973,002	17.22	172,648
1980	9,292,725.39	6,187,682	7,877,024	2,344,974	17.76	132,037
1981	11,331,802.59	7,393,106	9,411,550	3,053,433	18.31	166,763
1982	11,315,331.27	7,227,521	9,200,757	3,246,107	18.87	172,025
1983	17,277,267.87	10,790,656	13,736,689	5,268,306	19.45	270,864
1984	20,959,663.69	12,793,339	16,286,138	6,769,492	20.03	337,968
1985	25,278,569.97	15,064,966	19,177,958	8,628,469	20.62	418,451
1986	34,346,546.89	19,956,786	25,405,328	12,375,874	21.23	582,943
1987	17,600,406.13	9,964,241	12,684,648	6,675,799	21.84	305,668
1988	65,491,444.69	36,084,411	45,936,069	26,104,520	22.46	1,162,267
1989	48,056,943.46	25,726,660	32,750,475	20,112,163	23.10	870,656
1990	38,865,067.13	20,197,554	25,711,830	17,039,744	23.74	717,765
1991	32,547,661.08	16,397,512	20,874,311	14,928,116	24.39	612,059
1992	26,895,475.93	13,115,928	16,696,799	12,888,225	25.05	514,500
1993	37,218,143.25	17,540,315	22,329,119	18,610,839	25.72	723,594
1994	23,452,128.81	10,662,815	13,573,945	12,223,397	26.40	463,007
1995	24,980,103.39	10,936,289	13,922,082	13,556,032	27.09	500,407
1996	24,506,933.12	10,315,875	13,132,284	13,825,342	27.78	497,672
1997	20,895,079.31	8,437,872	10,741,554	12,243,033	28.48	429,882
1998	31,061,003.06	12,003,928	15,281,204	18,885,899	29.19	646,999
1999	30,753,938.36	11,351,771	14,450,998	19,378,334	29.90	648,105
2000	43,993,607.84	15,453,327	19,672,348	28,720,621	30.63	937,663
2001	38,630,652.72	12,880,271	16,396,804	26,096,914	31.36	832,172
2002	30,121,811.17	9,505,811	12,101,059	21,032,933	32.09	655,436
2003	34,946,924.23	10,396,151	13,234,477	25,207,140	32.83	767,808
2004	33,376,132.79	9,317,214	11,860,972	24,852,774	33.58	740,106
2005	42,009,635.50	10,956,995	13,948,441	32,262,158	34.33	939,766
2006	49,801,054.28	12,063,907	15,357,559	39,423,601	35.09	1,123,500
2007	49,912,385.21	11,163,554	14,211,394	40,692,230	35.85	1,135,069
2008	57,033,747.67	11,682,907	14,872,539	47,864,583	36.62	1,307,061
2009	35,424,785.88	6,589,754	8,388,869	30,578,395	37.39	817,823
2010	23,238,909.91	3,879,922	4,939,207	20,623,594	38.17	540,309
2011	55,491,089.87	8,206,244	10,446,688	50,593,511	38.95	1,298,935
2012	30,686,017.47	3,945,577	5,022,786	28,731,833	39.74	722,995
2013	36,503,497.40	3,979,648	5,066,160	35,087,687	40.54	865,508
2014	36,248,391.60	3,242,890	4,128,254	35,744,977	41.34	864,658
2015	46,589,248.11	3,257,334	4,146,641	47,101,532	42.14	1,117,739

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DUKE ENERGY CAROLINAS

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 45-R1.5						
NET SALVAGE PERCENT.. -10						
2016	53,277,379.05	2,670,049	3,399,018	55,206,099	42.95	1,285,357
2017	69,387,652.60	2,086,001	2,655,515	73,670,903	43.77	1,683,137
2018	104,602,538.38	1,048,222	1,334,404	113,728,388	44.59	2,550,536
	1,518,704,424.45	495,790,991	631,089,942	1,039,484,925		31,289,615

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 33.2 2.06

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DUKE ENERGY CAROLINAS

ACCOUNT 369 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 52-R1.5						
NET SALVAGE PERCENT.. -15						
1960	5,832,310.29	4,918,157	6,707,157			
1961	1,341,874.03	1,119,374	1,543,155			
1962	1,430,683.38	1,180,180	1,645,286			
1963	1,179,782.45	961,990	1,356,750			
1964	1,757,522.89	1,415,978	2,021,151			
1965	505,580.51	402,294	581,418			
1966	1,860,554.56	1,461,544	2,139,638			
1967	2,308,556.08	1,789,468	2,654,839			
1968	772,464.15	590,573	888,334			
1969	3,323,768.91	2,505,081	3,822,334			
1970	763,913.57	567,309	878,501			
1971	3,144,650.13	2,299,852	3,616,348			
1972	4,421,199.69	3,182,618	5,084,380			
1973	4,233,378.73	2,997,806	4,868,386			
1974	5,900,492.40	4,107,846	6,785,566			
1975	1,517,854.69	1,038,260	1,745,533			
1976	4,633,908.14	3,112,346	5,328,994			
1977	6,221,152.95	4,100,001	7,154,326			
1978	6,379,445.34	4,122,449	7,336,362			
1979	7,700,327.32	4,877,276	8,855,376			
1980	6,071,200.10	3,764,839	6,981,880			
1981	9,112,508.12	5,529,866	10,479,384			
1982	8,469,046.83	5,023,292	9,739,404			
1983	12,740,355.57	7,382,112	14,617,869	33,540	25.80	1,300
1984	11,421,909.75	6,458,970	12,789,887	345,309	26.43	13,065
1985	8,302,390.27	4,577,382	9,064,015	483,734	27.07	17,870
1986	6,774,530.27	3,639,196	7,206,243	584,467	27.71	21,092
1987	14,157,046.68	7,398,232	14,649,790	1,630,814	28.37	57,484
1988	24,371,001.64	12,380,213	24,514,981	3,511,671	29.03	120,967
1989	23,989,603.90	11,831,133	23,427,707	4,160,337	29.70	140,079
1990	23,476,942.01	11,225,159	22,227,773	4,770,710	30.38	157,035
1991	18,211,259.86	8,433,516	16,699,833	4,243,116	31.06	136,610
1992	18,259,523.40	8,177,217	16,192,316	4,806,136	31.75	151,374
1993	25,158,523.94	10,877,388	21,539,125	7,393,178	32.45	227,833
1994	21,894,760.22	9,127,378	18,073,800	7,105,174	33.15	214,334
1995	20,995,421.19	8,422,891	16,678,793	7,465,941	33.86	220,494
1996	26,744,944.81	10,303,490	20,402,707	10,353,980	34.58	299,421
1997	32,661,093.67	12,062,477	23,885,808	13,674,450	35.30	387,378
1998	26,058,049.46	9,203,390	18,224,317	11,742,440	36.03	325,907
1999	33,356,791.68	11,242,640	22,262,388	16,097,922	36.76	437,920
2000	38,738,094.13	12,422,435	24,598,588	19,950,220	37.50	532,006
2001	30,817,998.25	9,378,318	18,570,705	16,869,993	38.24	441,161
2002	33,941,656.16	9,765,642	19,337,675	19,695,230	38.99	505,135

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DUKE ENERGY CAROLINAS

ACCOUNT 369 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 52-R1.5						
NET SALVAGE PERCENT.. -15						
2003	12,352,993.27	3,346,636	6,626,923	7,579,019	39.75	190,667
2004	28,716,984.52	7,303,375	14,461,956	18,562,576	40.50	458,335
2005	34,193,399.34	8,114,179	16,067,490	23,254,919	41.27	563,482
2006	39,859,803.75	8,788,668	17,403,096	28,435,678	42.03	676,557
2007	38,639,956.82	7,861,608	15,567,355	28,868,595	42.80	674,500
2008	14,934,409.37	2,780,906	5,506,679	11,667,892	43.58	267,735
2009	42,604,463.48	7,198,365	14,254,018	34,741,115	44.36	783,163
2010	14,640,998.54	2,217,958	4,391,944	12,445,204	45.15	275,641
2011	39,857,524.10	5,341,745	10,577,587	35,258,566	45.94	767,492
2012	27,487,082.26	3,203,688	6,343,861	25,266,284	46.73	540,687
2013	35,576,202.55	3,516,850	6,963,976	33,948,657	47.53	714,257
2014	48,721,975.65	3,954,617	7,830,831	48,199,441	48.33	997,299
2015	40,215,730.58	2,543,645	5,036,861	41,211,229	49.14	838,649
2016	42,530,092.13	1,928,017	3,817,810	45,091,796	49.95	902,739
2017	46,251,008.11	1,257,912	2,490,885	50,697,774	50.77	998,577
2018	59,963,867.51	543,393	1,076,013	67,882,435	51.59	1,315,806
	1,107,500,564.10	315,279,140	605,596,107	668,029,542		15,374,051

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 43.5 1.39

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DUKE ENERGY CAROLINAS

ACCOUNT 370 METERING EQUIPMENT

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

SURVIVOR CURVE.. IOWA 17-L0
NET SALVAGE PERCENT.. 0

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1960	2,788,147.94	2,469,964	2,788,148			
1961	284,223.09	249,616	284,223			
1962	361,400.33	314,632	361,400			
1963	375,632.44	324,148	375,632			
1964	363,194.96	310,637	363,195			
1965	343,451.62	291,127	343,452			
1966	459,800.31	385,961	459,800			
1967	515,884.13	429,092	515,884			
1968	472,202.30	388,873	472,202			
1969	639,311.87	520,854	639,312			
1970	870,382.68	701,938	870,383			
1971	856,194.00	682,943	856,194			
1972	980,777.70	773,657	980,778			
1973	1,144,318.55	892,568	1,144,319			
1974	2,160,213.35	1,665,913	2,160,213			
1975	314,062.61	239,240	314,063			
1976	1,590,852.95	1,196,878	1,590,853			
1977	1,533,063.42	1,138,974	1,524,886	8,177	4.37	1,871
1978	1,787,732.48	1,310,301	1,754,262	33,470	4.54	7,372
1979	2,282,342.53	1,649,997	2,209,055	73,288	4.71	15,560
1980	2,191,563.23	1,562,453	2,091,849	99,714	4.88	20,433
1981	2,851,132.43	2,002,493	2,680,986	170,146	5.06	33,626
1982	2,831,288.84	1,958,572	2,622,183	209,106	5.24	39,906
1983	3,623,183.38	2,465,902	3,301,409	321,774	5.43	59,259
1984	3,885,180.31	2,600,779	3,481,985	403,195	5.62	71,743
1985	4,763,718.21	3,135,670	4,198,110	565,608	5.81	97,351
1986	3,652,955.29	2,363,681	3,164,553	488,402	6.00	81,400
1987	3,391,883.79	2,152,863	2,882,304	509,580	6.21	82,058
1988	4,124,530.70	2,569,335	3,439,887	684,644	6.41	106,809
1989	3,375,929.05	2,061,309	2,759,730	616,199	6.62	93,081
1990	5,455,331.01	3,260,379	4,365,073	1,090,258	6.84	159,394
1991	3,046,728.47	1,781,453	2,385,052	661,676	7.06	93,722
1992	2,573,903.11	1,470,162	1,968,288	605,615	7.29	83,075
1993	3,165,998.22	1,765,519	2,363,719	802,279	7.52	106,686
1994	2,972,228.49	1,615,495	2,162,863	809,365	7.76	104,300
1995	2,766,388.59	1,464,554	1,960,780	805,609	8.00	100,701
1996	2,865,637.55	1,474,972	1,974,728	890,910	8.25	107,989
1997	1,829,080.11	913,461	1,222,964	606,116	8.51	71,224
1998	668,066.05	323,030	432,480	235,586	8.78	26,832
1999	535,293.83	250,330	335,148	200,146	9.05	22,116
2000	240,125.92	108,340	145,048	95,078	9.33	10,191
2001	1,352,339.37	587,078	785,994	566,345	9.62	58,872
2002	1,048,967.92	437,483	585,713	463,255	9.91	46,746

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DUKE ENERGY CAROLINAS

ACCOUNT 370 METERING 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 17-L0						
NET SALVAGE PERCENT.. 0						
2003	1,098,136.89	437,959	586,350	511,787	10.22	50,077
2004	1,063,368.28	404,707	541,831	521,537	10.53	49,529
2005	600,273.74	217,155	290,732	309,542	10.85	28,529
2006	509,105.74	173,992	232,945	276,161	11.19	24,679
2007	1,040,862.24	334,908	448,383	592,479	11.53	51,386
2008	1,284,440.27	386,848	517,921	766,519	11.88	64,522
2009	1,080,746.78	302,609	405,140	675,607	12.24	55,197
2010	776,580.28	200,086	267,880	508,700	12.62	40,309
2011	98.49	23	31	67	13.00	5
2012	273.84	58	78	196	13.41	15
2013	9,631.01	1,796	2,405	7,226	13.83	522
2014	1,677,001.99	267,331	357,909	1,319,093	14.29	92,309
2015	36,645.76	4,786	6,408	30,238	14.78	2,046
2016	6,145,597.41	610,934	817,933	5,327,664	15.31	347,986
2017	1,581,296.08	102,326	136,996	1,444,300	15.90	90,836
2018	255,599.54	6,165	8,254	247,346	16.59	14,909
	100,494,301.47	57,714,309	75,940,296	24,554,005		2,615,173

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 9.4 2.60

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DUKE ENERGY CAROLINAS

ACCOUNT 370.01 METERS

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

INTERIM SURVIVOR CURVE.. IOWA 17-L0
PROBABLE RETIREMENT YEAR.. 8-2033
NET SALVAGE PERCENT.. 0

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1960	84,388.42	74,758	282,267-	366,655	1.94	188,997
1961	6,682.91	5,869	22,160-	28,843	2.07	13,934
1962	12,340.52	10,744	40,567-	52,908	2.20	24,049
1963	11,487.20	9,913	37,429-	48,916	2.33	20,994
1964	11,881.04	10,162	38,369-	50,250	2.46	20,427
1965	14,366.56	12,178	45,981-	60,348	2.59	23,300
1966	15,297.13	12,841	48,484-	63,781	2.73	23,363
1967	14,495.17	12,057	45,524-	60,019	2.86	20,986
1968	16,199.82	13,341	50,372-	66,572	3.00	22,191
1969	29,114.94	23,737	89,625-	118,740	3.14	37,815
1970	30,983.32	24,987	94,345-	125,328	3.29	38,094
1971	22,084.22	17,629	66,563-	88,647	3.43	25,845
1972	24,812.38	19,587	73,956-	98,768	3.58	27,589
1973	31,686.67	24,734	93,389-	125,076	3.73	33,532
1974	44,360.43	34,236	129,267-	173,627	3.88	44,749
1975	22,235.42	16,964	64,052-	86,287	4.03	21,411
1976	53,241.97	40,151	151,600-	204,842	4.18	49,005
1977	60,452.51	45,055	170,116-	230,569	4.33	53,249
1978	37,012.57	27,237	102,840-	139,853	4.49	31,148
1979	47,185.77	34,307	129,535-	176,721	4.64	38,086
1980	78,822.14	56,567	213,583-	292,405	4.80	60,918
1981	110,671.75	78,382	295,951-	406,623	4.96	81,980
1982	175,996.49	122,960	464,266-	640,262	5.12	125,051
1983	113,905.44	78,507	296,423-	410,328	5.28	77,714
1984	118,272.02	80,403	303,582-	421,854	5.44	77,547
1985	90,579.46	60,706	229,211-	319,790	5.60	57,105
1986	90,039.74	59,496	224,642-	314,682	5.76	54,632
1987	184,992.96	120,458	454,819-	639,812	5.92	108,076
1988	49,644.61	31,818	120,137-	169,782	6.09	27,879
1989	78,733.04	49,702	187,662-	266,395	6.25	42,623
1990	67,718.80	42,079	158,880-	226,599	6.41	35,351
1991	97,693.15	59,701	225,416-	323,109	6.58	49,105
1992	61,778.95	37,126	140,178-	201,957	6.74	29,964
1993	72,650.19	42,936	162,116-	234,766	6.90	34,024
1994	140,369.47	81,438	307,489-	447,858	7.07	63,346
1995	86,419.80	49,228	185,873-	272,293	7.23	37,662
1996	85,848.08	47,921	180,938-	266,786	7.40	36,052
1997	117,693.18	64,415	243,215-	360,908	7.56	47,739
1998	1,011,183.08	541,448	2,044,372-	3,055,555	7.73	395,285
1999	707,055.68	370,384	1,398,477-	2,105,533	7.89	266,861
2000	480,931.09	245,862	928,313-	1,409,244	8.06	174,844
2001	508,566.28	253,663	957,768-	1,466,334	8.22	178,386

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DUKE ENERGY CAROLINAS

ACCOUNT 370.01 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)
INTERIM SURVIVOR CURVE.. IOWA 17-L0						
PROBABLE RETIREMENT YEAR.. 8-2033						
NET SALVAGE PERCENT.. 0						
2002	5,941,418.85	2,881,350	10,879,253-	16,820,672	8.39	2,004,848
2003	4,119,682.93	1,941,359	7,330,083-	11,449,766	8.55	1,339,154
2004	8,537,440.15	3,893,243	14,699,907-	23,237,347	8.72	2,664,833
2005	845,495.42	372,703	1,407,233-	2,252,728	8.88	253,686
2006	744,838.05	316,236	1,194,028-	1,938,866	9.04	214,476
2007	736,960.32	299,626	1,131,312-	1,868,272	9.21	202,853
2008	958,964.30	372,059	1,404,801-	2,363,765	9.37	252,269
2009	1,188,711.15	436,994	1,649,979-	2,838,690	9.53	297,869
2010	1,015,588.00	350,865	1,324,778-	2,340,366	9.70	241,275
2011	3,835,971.54	1,232,881	4,655,049-	8,491,021	9.86	861,158
2012	9,933,354.55	2,933,916	11,077,729-	21,011,084	10.02	2,096,915
2013	5,092,203.52	1,352,795	5,107,814-	10,200,018	10.20	1,000,002
2014	5,309,479.68	1,233,127	4,655,977-	9,965,457	10.38	960,063
2015	8,791,439.10	1,714,067	6,471,886-	15,263,325	10.57	1,444,023
2016	881,858.81	133,319	503,379-	1,385,238	10.78	128,501
2017	1,113,748.47	111,007	419,135-	1,532,883	11.02	139,100
2018	4,377,514.93	163,938	618,988-	4,996,503	11.31	441,777
	68,544,544.14	22,785,172	86,031,083-	154,575,628		17,363,710

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 8.9 25.33

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DUKE ENERGY CAROLINAS

ACCOUNT 370.02 METERS - UTILITY OF THE FUTURE

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-S2.5						
NET SALVAGE PERCENT.. 0						
2009	11,733,367.45	6,805,353	5,333,486	6,399,881	6.30	1,015,854
2010	245,199.10	130,282	102,105	143,094	7.03	20,355
2012	162,248.34	68,253	53,491	108,757	8.69	12,515
2013	82,246.67	29,609	23,205	59,042	9.60	6,150
2014	42,426.38	12,615	9,887	32,539	10.54	3,087
2015	3,714,629.77	861,794	675,405	3,039,225	11.52	263,822
2016	95,495,775.83	15,916,281	12,473,896	83,021,880	12.50	6,641,750
2017	211,549,041.40	21,154,904	16,579,505	194,969,536	13.50	14,442,188
2018	115,284,331.95	3,842,427	3,011,384	112,272,948	14.50	7,742,962
	438,309,266.89	48,821,518	38,262,364	400,046,903		30,148,683

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 13.3 6.88

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DUKE ENERGY CAROLINAS

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 40-R1						
NET SALVAGE PERCENT.. -5						
1962	113,760.02	96,365	119,448			
1963	324,835.00	272,009	341,077			
1964	360,689.00	298,529	378,723			
1965	432,845.00	353,932	454,487			
1966	575,128.00	464,387	603,884			
1967	756,542.00	603,125	791,780	2,589	9.63	269
1968	490,365.00	385,776	506,445	8,438	10.03	841
1969	991,755.00	769,552	1,010,265	31,078	10.44	2,977
1970	1,779,322.00	1,361,515	1,787,392	80,896	10.85	7,456
1971	1,717,336.00	1,295,150	1,700,268	102,935	11.27	9,134
1972	2,272,494.00	1,688,179	2,216,235	169,884	11.70	14,520
1973	2,187,666.00	1,599,895	2,100,336	196,713	12.14	16,204
1974	2,824,985.36	2,032,612	2,668,405	297,830	12.59	23,656
1975	109,939.20	77,804	102,141	13,295	13.04	1,020
1976	823,892.56	573,120	752,390	112,697	13.50	8,348
1977	913,073.63	623,892	819,043	139,684	13.97	9,999
1978	732,200.68	491,078	644,685	124,126	14.45	8,590
1979	1,078,051.76	709,452	931,366	200,588	14.93	13,435
1980	653,146.76	421,255	553,022	132,782	15.43	8,605
1981	1,896,235.19	1,198,113	1,572,878	418,169	15.93	26,250
1982	1,735,045.75	1,073,039	1,408,682	413,116	16.44	25,129
1983	1,182,236.00	715,016	938,670	302,678	16.96	17,847
1984	3,505,967.00	2,071,632	2,719,631	961,634	17.49	54,982
1985	4,260,313.15	2,456,976	3,225,509	1,247,820	18.03	69,208
1986	4,887,756.59	2,748,263	3,607,909	1,524,235	18.58	82,036
1987	6,968,378.64	3,817,539	5,011,651	2,305,147	19.13	120,499
1988	8,863,517.81	4,723,147	6,200,530	3,106,164	19.70	157,673
1989	8,179,036.76	4,236,025	5,561,038	3,026,951	20.27	149,332
1990	12,931,965.34	6,500,737	8,534,143	5,044,421	20.85	241,939
1991	15,512,597.13	7,557,737	9,921,769	6,366,458	21.44	296,943
1992	11,294,915.63	5,324,988	6,990,624	4,869,037	22.04	220,918
1993	14,462,194.00	6,590,422	8,651,881	6,533,423	22.64	288,579
1994	12,297,957.16	5,404,030	7,094,390	5,818,465	23.26	250,149
1995	12,859,784.30	5,441,618	7,143,736	6,359,038	23.88	266,291
1996	13,140,645.88	5,343,151	7,014,468	6,783,210	24.51	276,753
1997	18,158,073.09	7,083,010	9,298,549	9,767,428	25.14	388,521
1998	20,273,010.27	7,567,408	9,934,465	11,352,196	25.78	440,349
1999	20,009,717.18	7,127,711	9,357,232	11,652,971	26.43	440,899
2000	25,828,900.79	8,753,092	11,491,026	15,629,320	27.09	576,941
2001	17,020,840.06	5,473,264	7,185,280	10,686,602	27.75	385,103
2002	25,933,133.46	7,889,832	10,357,742	16,872,048	28.41	593,877
2003	22,901,066.98	6,564,591	8,617,970	15,428,150	29.08	530,542
2004	39,082,183.22	10,515,550	13,804,774	27,231,518	29.75	915,345

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DUKE ENERGY CAROLINAS

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 40-R1						
NET SALVAGE PERCENT.. -5						
2005	27,001,113.70	6,783,017	8,904,719	19,446,450	30.43	639,055
2006	35,419,966.49	8,265,692	10,851,169	26,339,796	31.11	846,667
2007	41,769,340.51	8,990,851	11,803,155	32,054,653	31.80	1,008,008
2008	43,875,546.83	8,649,516	11,355,052	34,714,272	32.49	1,068,460
2009	28,913,134.67	5,176,174	6,795,262	23,563,529	33.18	710,173
2010	18,353,397.75	2,948,473	3,870,744	15,400,324	33.88	454,555
2011	40,229,814.81	5,723,697	7,514,048	34,727,258	34.58	1,004,258
2012	30,835,732.86	3,820,547	5,015,600	27,361,920	35.28	775,565
2013	29,267,938.74	3,073,134	4,034,399	26,696,937	36.00	741,582
2014	38,539,243.38	3,328,345	4,369,439	36,096,767	36.71	983,295
2015	46,461,713.10	3,134,423	4,114,858	44,669,941	37.43	1,193,426
2016	57,822,364.00	2,792,820	3,666,404	57,047,078	38.16	1,494,944
2017	57,956,441.98	1,688,706	2,216,927	58,637,337	38.89	1,507,774
2018	75,242,663.29	730,794	959,383	78,045,413	39.63	1,969,352
	914,011,910.46	205,400,707	269,597,098	690,115,408		21,338,273

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 32.3 2.33

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DUKE ENERGY CAROLINAS

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 36-R0.5						
NET SALVAGE PERCENT.. -10						
1960	221,959.81	203,396	244,156			
1961	207,796.81	187,940	228,576			
1962	110,026.32	98,168	121,029			
1963	74,409.64	65,480	81,851			
1964	115,460.09	100,229	127,006			
1965	105,549.06	90,336	116,104			
1966	346,241.91	292,101	380,866			
1967	235,103.41	195,468	258,614			
1968	90,115.07	73,822	99,127			
1969	1,875,155.27	1,512,618	2,062,671			
1970	169,859.68	134,891	186,846			
1971	172,809.70	135,071	190,091			
1972	150,373.01	115,604	165,218	192	10.84	18
1973	346,470.25	261,911	374,317	6,800	11.26	604
1974	573,721.50	426,165	609,065	22,029	11.69	1,884
1975	292,475.11	213,408	304,998	16,725	12.12	1,380
1976	349,779.31	250,519	358,036	26,721	12.56	2,127
1977	648,323.07	455,628	651,172	61,983	13.00	4,768
1978	330,215.33	227,528	325,177	38,060	13.45	2,830
1979	466,469.94	314,997	450,186	62,931	13.90	4,527
1980	830,993.96	549,471	785,291	128,802	14.36	8,969
1981	905,530.60	585,757	837,150	158,934	14.83	10,717
1982	1,850,305.50	1,170,318	1,672,590	362,746	15.30	23,709
1983	1,448,600.02	894,999	1,279,111	314,349	15.78	19,921
1984	1,792,719.84	1,080,770	1,544,610	427,382	16.27	26,268
1985	1,942,912.61	1,142,207	1,632,414	504,790	16.76	30,119
1986	4,016,303.96	2,299,800	3,286,818	1,131,116	17.26	65,534
1987	2,388,247.40	1,330,323	1,901,265	725,807	17.77	40,845
1988	3,386,800.11	1,833,756	2,620,759	1,104,721	18.28	60,433
1989	3,714,791.65	1,952,338	2,790,234	1,296,037	18.80	68,938
1990	6,227,949.20	3,174,155	4,536,425	2,314,319	19.32	119,789
1991	8,539,468.26	4,213,980	6,022,517	3,370,898	19.85	169,819
1992	5,996,262.25	2,860,043	4,087,504	2,508,384	20.39	123,020
1993	5,479,914.43	2,523,342	3,606,299	2,421,607	20.93	115,700
1994	5,163,781.86	2,290,979	3,274,211	2,405,949	21.48	112,009
1995	5,773,717.81	2,464,604	3,522,352	2,828,738	22.03	128,404
1996	7,465,521.89	3,058,998	4,371,845	3,840,229	22.59	169,997
1997	7,338,995.54	2,881,539	4,118,225	3,954,670	23.15	170,828
1998	7,697,240.03	2,888,166	4,127,697	4,339,267	23.72	182,937
1999	5,026,088.58	1,796,827	2,567,981	2,960,716	24.30	121,840
2000	7,675,163.51	2,610,223	3,730,467	4,712,213	24.87	189,474
2001	4,967,440.07	1,601,334	2,288,588	3,175,596	25.45	124,778
2002	5,402,449.94	1,644,165	2,349,801	3,592,894	26.04	137,976

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DUKE ENERGY CAROLINAS

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 36-R0.5						
NET SALVAGE PERCENT.. -10						
2003	3,565,303.14	1,020,775	1,458,867	2,462,966	26.63	92,488
2004	7,201,704.31	1,932,066	2,761,262	5,160,613	27.22	189,589
2005	5,835,757.21	1,460,398	2,087,165	4,332,168	27.81	155,777
2006	6,973,672.04	1,619,433	2,314,454	5,356,585	28.40	188,612
2007	7,877,489.99	1,684,869	2,407,974	6,257,265	29.00	215,768
2008	8,084,575.76	1,581,003	2,259,531	6,633,502	29.60	224,105
2009	5,654,873.00	1,002,162	1,432,265	4,788,095	30.20	158,546
2010	1,321,250.21	209,926	300,021	1,153,354	30.80	37,447
2011	13,467,767.22	1,893,002	2,705,432	12,109,112	31.40	385,641
2012	7,422,671.60	904,920	1,293,290	6,871,649	32.01	214,672
2013	7,634,154.46	788,448	1,126,831	7,270,739	32.62	222,892
2014	8,330,584.53	705,051	1,007,641	8,156,002	33.23	245,441
2015	10,570,893.33	697,679	997,106	10,630,877	33.84	314,151
2016	10,455,922.69	495,255	707,806	10,793,709	34.45	313,315
2017	11,359,201.47	322,749	461,265	12,033,857	35.07	343,138
2018	15,724,267.05	148,925	212,840	17,083,854	35.69	478,673
	243,393,601.32	68,670,035	97,823,010	169,909,951		6,020,417

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 28.2 2.47

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DUKE ENERGY CAROLINAS

ACCOUNT 389 RIGHTS OF WAY

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.. 0						
1996	546,471.00	193,817	228,945	317,526	38.72	8,201
1997	3,584.00	1,218	1,439	2,145	39.61	54
2004	71.00	17	20	51	46.02	1
2008	1.03			1	49.80	
	550,127.03	195,052	230,404	319,723		8,256

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 38.7 1.50

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DUKE ENERGY CAROLINAS

ACCOUNT 389.2 LAND RIGHTS

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.. 0						
1994	165.00	63	76	89	36.96	2
	165.00	63	76	89		2

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 44.5 1.21

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DUKE ENERGY CAROLINAS

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)
SURVIVOR CURVE.. IOWA 40-S1						
NET SALVAGE PERCENT.. -10						
1956	5,092.38	4,914	3,886	1,716	4.91	349
1958	1,253.05	1,188	940	438	5.53	79
1960	164,029.53	152,691	120,763	59,669	6.15	9,702
1961	22,191.64	20,462	16,183	8,228	6.47	1,272
1962	337,488.60	308,127	243,697	127,540	6.80	18,756
1963	95,663.16	86,499	68,412	36,817	7.12	5,171
1964	12,975.51	11,611	9,183	5,090	7.46	682
1965	451.59	400	316	181	7.79	23
1966	23,739.12	20,806	16,455	9,658	8.13	1,188
1967	7,075.42	6,133	4,851	2,932	8.48	346
1968	75,345.38	64,584	51,079	31,801	8.83	3,601
1969	453,765.37	384,589	304,171	194,971	9.18	21,239
1970	47,329.45	39,646	31,356	20,706	9.54	2,170
1971	336,273.70	278,258	220,074	149,827	9.91	15,119
1972	127,581.06	104,272	82,469	57,870	10.28	5,629
1973	298,560.77	240,976	190,588	137,829	10.65	12,942
1974	50,889.15	40,528	32,054	23,924	11.04	2,167
1975	3,570,820.03	2,805,504	2,218,870	1,709,032	11.43	149,522
1976	19,189.28	14,871	11,761	9,347	11.82	791
1977	14,578,399.08	11,133,159	8,805,201	7,231,038	12.23	591,254
1978	470,222.45	353,925	279,919	237,326	12.63	18,791
1979	1,017,349.26	753,983	596,324	522,760	13.05	40,058
1980	4,028,513.31	2,937,995	2,323,657	2,107,708	13.48	156,358
1981	4,861,885.98	3,488,282	2,758,878	2,589,197	13.91	186,139
1982	438,054.08	308,992	244,381	237,478	14.35	16,549
1983	1,108,911.37	768,476	607,787	612,016	14.80	41,352
1984	514,812.08	350,252	277,014	289,279	15.26	18,957
1985	9,881,844.84	6,595,390	5,216,286	5,653,743	15.73	359,424
1986	2,902,335.88	1,899,579	1,502,375	1,690,194	16.20	104,333
1987	68,183,910.93	43,707,592	34,568,279	40,434,023	16.69	2,422,650
1988	9,456,548.81	5,931,857	4,691,498	5,710,706	17.19	332,211
1989	14,585,100.29	8,944,313	7,074,046	8,969,564	17.70	506,755
1990	2,787,768.42	1,669,734	1,320,591	1,745,954	18.22	95,826
1991	25,248,104.35	14,747,418	11,663,714	16,109,201	18.76	858,699
1992	5,060,016.30	2,880,414	2,278,116	3,287,902	19.30	170,358
1993	1,643,508.87	910,257	719,921	1,087,939	19.86	54,780
1994	17,714,019.26	9,528,371	7,535,976	11,949,445	20.44	584,611
1995	2,555,100.20	1,333,635	1,054,770	1,755,840	21.02	83,532
1996	12,908,153.41	6,520,876	5,157,353	9,041,616	21.63	418,013
1997	3,515,593.71	1,717,016	1,357,986	2,509,167	22.24	112,822
1998	2,098,134.28	987,802	781,251	1,526,697	22.88	66,726
1999	2,899,430.27	1,313,224	1,038,627	2,150,746	23.53	91,404
2000	9,693,770.11	4,211,943	3,331,220	7,331,927	24.20	302,972

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DUKE ENERGY CAROLINAS

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)
SURVIVOR CURVE.. IOWA 40-S1						
NET SALVAGE PERCENT.. -10						
2001	1,718,679.04	714,627	565,198	1,325,349	24.88	53,270
2002	4,658,882.86	1,847,480	1,461,170	3,663,601	25.58	143,221
2003	394,880.71	148,771	117,663	316,706	26.30	12,042
2004	4,819,288.32	1,716,269	1,357,395	3,943,822	27.05	145,797
2005	5,269,521.12	1,766,475	1,397,103	4,399,370	27.81	158,194
2006	16,585,016.25	5,203,963	4,115,808	14,127,710	28.59	494,149
2007	7,475,044.83	2,181,031	1,724,975	6,497,574	29.39	221,081
2008	20,831,680.24	5,608,409	4,435,683	18,479,165	30.21	611,690
2009	9,125,163.65	2,243,421	1,774,319	8,263,361	31.06	266,045
2010	9,951,508.35	2,211,225	1,748,855	9,197,804	31.92	288,152
2011	61,242,537.42	12,109,181	9,577,136	57,789,655	32.81	1,761,343
2012	20,572,531.23	3,558,534	2,814,440	19,815,344	33.71	587,818
2013	13,980,832.69	2,060,775	1,629,864	13,749,052	34.64	396,913
2014	21,684,779.44	2,635,785	2,084,639	21,768,618	35.58	611,822
2015	25,550,121.44	2,431,094	1,922,749	26,182,385	36.54	716,540
2016	36,077,484.10	2,460,484	1,945,994	37,739,239	37.52	1,005,843
2017	152,606,506.99	6,295,018	4,978,721	162,888,437	38.50	4,230,868
2018	38,704,250.78	532,183	420,903	42,153,773	39.50	1,067,184
	675,049,911.19	193,305,269	152,884,893	589,670,009		20,657,294

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 28.5 3.06

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DUKE ENERGY CAROLINAS

ACCOUNT 391 OFFICE FURNITURE AND 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						
2005	585,795.95	527,216	527,216	58,580	1.50	39,053
2006	4,545,452.00	3,787,862	3,787,863	757,589	2.50	303,036
2007	990,281.00	759,219	759,219	231,062	3.50	66,018
2008	2,400,070.67	1,680,049	1,680,050	720,021	4.50	160,005
2009	1,524,750.23	965,670	965,670	559,080	5.50	101,651
2010	2,620,658.52	1,485,049	1,485,050	1,135,609	6.50	174,709
2011	2,414,383.80	1,207,192	1,207,192	1,207,192	7.50	160,959
2012	2,979,845.15	1,291,256	1,291,256	1,688,589	8.50	198,658
2013	3,288,544.70	1,205,811	1,205,812	2,082,733	9.50	219,235
2014	3,322,119.23	996,636	996,636	2,325,483	10.50	221,475
2015	2,400,289.11	560,059	560,059	1,840,230	11.50	160,020
2016	3,047,109.11	507,862	507,862	2,539,247	12.50	203,140
2017	6,714,202.55	671,420	671,421	6,042,782	13.50	447,613
2018	12,044,527.06	401,444	401,444	11,643,083	14.50	802,971
	48,878,029.08	16,046,745	16,046,750	32,831,279		3,258,543

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 10.1 6.67

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DUKE ENERGY CAROLINAS

ACCOUNT 391.1 OFFICE FURNITURE AND EQUIPMENT - EDP

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.. 8-SQUARE						
NET SALVAGE PERCENT.. 0						
2011	7,811,741.71	7,323,508	7,145,690	666,052	0.50	666,052
2012	3,904,696.77	3,172,566	3,095,535	809,162	1.50	539,441
2013	28,683,099.35	19,719,631	19,240,831	9,442,268	2.50	3,776,907
2014	7,484,117.97	4,209,816	4,107,600	3,376,518	3.50	964,719
2015	8,073,378.50	3,532,103	3,446,342	4,627,036	4.50	1,028,230
2016	4,720,189.99	1,475,059	1,439,244	3,280,946	5.50	596,536
2017	12,344,985.64	2,314,685	2,258,484	10,086,502	6.50	1,551,770
2018	40,688,317.87	2,543,020	2,481,274	38,207,044	7.50	5,094,273
	113,710,527.80	44,290,388	43,215,000	70,495,528		14,217,928

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 5.0 12.50

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DUKE ENERGY CAROLINAS

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)
PASSENGER CARS AND STATION WAGONS						
SURVIVOR CURVE.. IOWA 5-S2.5						
NET SALVAGE PERCENT.. +10						
1994	1.00	1	1			
1995	8,056.00	7,250	7,250			
2017	86,857.61	23,295	65,969	12,203	3.51	3,477
	94,914.61	30,546	73,220	12,203		3,477
LIGHT TRUCKS						
SURVIVOR CURVE.. IOWA 6-L3						
NET SALVAGE PERCENT.. +10						
2004	6,423.00	5,781	5,781			
2005	152,824.00	133,645	137,542			
2017	2,064,652.97	461,444	1,291,102	567,085	4.51	125,739
2018	195,575.52	14,668	41,040	134,977	5.50	24,541
	2,419,475.49	615,538	1,475,465	702,063		150,280
MEDIUM TRUCKS						
SURVIVOR CURVE.. IOWA 8-L2						
NET SALVAGE PERCENT.. +10						
2004	9,836.00	7,137	8,852			
2017	428,714.50	69,934	175,890	209,953	6.55	32,054
	438,550.50	77,071	184,742	209,953		32,054
HEAVY TRUCKS						
SURVIVOR CURVE.. IOWA 10-L2						
NET SALVAGE PERCENT.. +10						
1998	73,934.00	56,892	66,541			
1999	359,874.00	270,445	323,887			
2000	305,141.00	223,546	274,627			
2017	270,407.18	35,775	243,366			
2018	295,478.82	13,297	265,931			
	1,304,835.00	599,955	1,174,352			

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DUKE ENERGY CAROLINAS

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)
HEAVY TRUCKS / POWER EQUIPPED						
SURVIVOR CURVE.. IOWA 10-L2						
NET SALVAGE PERCENT.. +10						
1987	43,536.00	39,182	39,182			
1990	135,432.00	121,889	121,889			
1992	36,545.00	31,674	32,891			
1998	715,402.00	550,502	643,862			
2001	455,912.00	325,384	410,321			
2017	271,628.14	35,936	244,465			
2018	1,142,780.97	51,425	1,028,502			
	2,801,236.11	1,155,992	2,521,112			
TRACTORS						
SURVIVOR CURVE.. IOWA 13-L3						
NET SALVAGE PERCENT.. +10						
2002	65,897.00	44,663	59,307			
	65,897.00	44,663	59,307			
TRAILERS						
SURVIVOR CURVE.. IOWA 16-L0.5						
NET SALVAGE PERCENT.. +10						
1957	2.00	2	2			
1961	1,704.00	1,386	1,534			
1966	2,537.00	1,975	2,283			
1967	1.00	1	1			
1968	11,307.00	8,637	10,176			
1969	12,288.00	9,297	11,059			
1971	3,850.00	2,854	3,465			
1972	2,163.00	1,589	1,947			
1974	7,110.00	5,127	6,399			
1975	1,989.00	1,423	1,790			
1976	2,900.00	2,057	2,610			
1977	12,836.00	9,033	11,552			
1978	21,501.00	15,009	19,351			
1979	21,383.00	14,794	19,245			
1980	16,614.00	11,392	14,953			
1981	11,230.00	7,631	10,107			
1982	6,986.00	4,700	6,287			
1983	1,851.00	1,232	1,666			
1984	10,235.00	6,730	9,212			

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DUKE ENERGY CAROLINAS

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)
TRAILERS						
SURVIVOR CURVE.. IOWA 16-L0.5						
NET SALVAGE PERCENT.. +10						
1985	13,556.00	8,800	12,200			
1986	33,000.00	21,143	29,700			
1987	39,362.00	24,865	35,426			
1988	63,707.00	39,634	57,336			
1989	150,249.00	91,952	135,224			
1990	142,008.00	85,391	127,807			
1991	104,407.00	61,665	93,966			
1992	11,427.00	6,621	10,284			
1993	100,861.00	57,244	90,775			
1994	203,253.00	112,844	182,928			
1995	211,789.00	114,843	190,610			
1996	43,741.00	23,152	39,367			
1997	5,604.00	2,891	5,044			
1998	28,456.00	14,262	25,610			
1999	18,942.00	9,216	17,048			
2000	5,391.00	2,541	4,852			
2001	95,168.00	43,361	85,651			
2002	115,091.00	50,626	103,582			
2006	100,168.00	36,906	90,151			
2007	47,207.00	16,490	42,486			
2008	24,237.00	7,975	21,813			
2017	3,424,727.99	236,964	1,791,873	1,290,382	14.77	87,365
2018	381,029.73	9,430	71,308	271,619	15.56	17,456
	5,511,868.72	1,183,685	3,398,681	1,562,001		104,821
	12,636,777.43	3,707,450	8,886,879	2,486,220		290,632

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 8.6 2.30

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DUKE ENERGY CAROLINAS

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						
2000	77,604.76	71,784	71,784	5,821	1.50	3,881
2001	1,089,715.00	953,501	953,499	136,216	2.50	54,486
2002	113,725.00	93,823	93,823	19,902	3.50	5,686
2006	281,040.00	175,650	175,650	105,390	7.50	14,052
2007	95,946.00	55,169	55,169	40,777	8.50	4,797
2008	207,465.01	108,919	108,919	98,546	9.50	10,373
2009	15,707.81	7,461	7,461	8,247	10.50	785
2011	5,751.43	2,157	2,157	3,594	12.50	288
2012	7,700.00	2,502	2,502	5,198	13.50	385
2013	284.51	78	78	207	14.50	14
2016	107,066.47	13,383	13,383	93,683	17.50	5,353
2017	11,908,294.29	893,122	893,119	11,015,175	18.50	595,415
2018	388,628.48	9,716	9,716	378,912	19.50	19,431
	14,298,928.76	2,387,265	2,387,260	11,911,669		714,946

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 16.7 5.00

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DUKE ENERGY CAROLINAS

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)
AMORTIZED						
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
1999	1,236,827.70	1,205,907	1,200,776	36,052	0.50	36,052
2000	3,440,803.00	3,182,743	3,169,201	271,602	1.50	181,068
2001	1,291,164.00	1,129,768	1,124,961	166,203	2.50	66,481
2002	1,899,043.00	1,566,710	1,560,044	338,999	3.50	96,857
2003	2,903,174.00	2,249,960	2,240,387	662,787	4.50	147,286
2004	2,224,015.00	1,612,411	1,605,551	618,464	5.50	112,448
2005	5,465,252.00	3,689,045	3,673,349	1,791,903	6.50	275,677
2006	5,380,134.00	3,362,584	3,348,277	2,031,857	7.50	270,914
2007	5,182,715.00	2,980,061	2,967,382	2,215,333	8.50	260,627
2008	4,150,894.32	2,179,220	2,169,948	1,980,946	9.50	208,521
2009	2,123,469.65	1,008,648	1,004,356	1,119,113	10.50	106,582
2010	2,498,893.18	1,062,030	1,057,511	1,441,382	11.50	125,338
2011	4,395,447.79	1,648,293	1,641,280	2,754,168	12.50	220,333
2012	4,888,465.84	1,588,751	1,581,991	3,306,475	13.50	244,924
2013	6,333,825.08	1,741,802	1,734,391	4,599,434	14.50	317,202
2014	4,649,664.98	1,046,175	1,041,724	3,607,941	15.50	232,770
2015	5,929,196.16	1,037,609	1,033,194	4,896,002	16.50	296,727
2016	7,312,717.26	914,090	910,201	6,402,516	17.50	365,858
2017	24,245,968.99	1,818,448	1,810,711	22,435,258	18.50	1,212,717
2018	9,241,924.73	231,048	230,065	9,011,860	19.50	462,147
	104,793,595.68	35,255,303	35,105,300	69,688,296		5,240,529
	104,793,595.68	35,255,303	35,105,300	69,688,296		5,240,529

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 13.3 5.00

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DUKE ENERGY CAROLINAS

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.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	574,698.00	555,543	548,979	25,719	0.50	25,719
2005	478,750.00	430,875	425,784	52,966	1.50	35,311
2006	1,888,314.00	1,573,589	1,554,996	333,318	2.50	133,327
2007	235,575.00	180,608	178,474	57,101	3.50	16,315
2008	331,781.35	232,247	229,503	102,278	4.50	22,728
2009	160,931.26	101,923	100,719	60,212	5.50	10,948
2010	60,878.72	34,498	34,090	26,789	6.50	4,121
2011	780.21	390	385	395	7.50	53
2013	995.77	365	361	635	9.50	67
2015	364,474.34	85,043	84,038	280,436	11.50	24,386
2016	293,001.41	48,835	48,258	244,743	12.50	19,579
2017	1,379,253.72	137,925	136,296	1,242,958	13.50	92,071
2018	108,025.50	3,600	3,557	104,468	14.50	7,205
	5,877,459.28	3,385,441	3,345,440	2,532,019		391,830

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 6.5 6.67

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DUKE ENERGY CAROLINAS

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)
MOBILE CRANES						
SURVIVOR CURVE.. IOWA 19-S1.5						
NET SALVAGE PERCENT.. +10						
2018	509,129.42	12,060	89,886	368,330	18.50	19,910
	509,129.42	12,060	89,886	368,330		19,910
MISCELLANEOUS NON-HIGHWAY EQUIPMENT						
SURVIVOR CURVE.. IOWA 13-L2						
NET SALVAGE PERCENT.. +10						
2006	257,721.00	139,527	231,949			
2007	97,683.00	51,194	87,915			
2008	218,201.00	110,276	196,381			
2018	447,371.03	15,485	402,634			
	1,020,976.03	316,482	918,878			
MISCELLANEOUS EQUIPMENT						
SURVIVOR CURVE.. IOWA 13-L2						
NET SALVAGE PERCENT.. +10						
2008	732.15	370	659			
2009	23,561.65	11,402	21,205			
2012	124,227.21	48,162	111,804			
2013	426.74	145	384			
2017	9,373,292.48	960,434	8,435,963			
2018	275,640.20	9,541	547,164	299,088-		
	9,797,880.43	1,030,054	9,117,180	299,088-		
	11,327,985.88	1,358,596	10,125,944	69,242		19,910

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 3.5 0.18

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DUKE ENERGY CAROLINAS

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.. 10-SQUARE						
NET SALVAGE PERCENT.. 0						
2009	6,257,669.57	5,944,786	5,894,266	363,404	0.50	363,404
2010	40,463,158.18	34,393,684	34,101,399	6,361,759	1.50	4,241,173
2011	10,696,027.51	8,022,021	7,953,848	2,742,180	2.50	1,096,872
2012	7,597,498.65	4,938,374	4,896,407	2,701,092	3.50	771,741
2013	10,671,004.84	5,869,053	5,819,177	4,851,828	4.50	1,078,184
2014	19,643,311.23	8,839,490	8,764,370	10,878,941	5.50	1,977,989
2015	8,325,333.31	2,913,867	2,889,104	5,436,229	6.50	836,343
2016	10,316,641.25	2,579,160	2,557,242	7,759,399	7.50	1,034,587
2017	16,115,877.81	2,417,382	2,396,838	13,719,040	8.50	1,614,005
2018	23,132,656.70	1,156,633	1,146,804	21,985,853	9.50	2,314,300
	153,219,179.05	77,074,450	76,419,455	76,799,724		15,328,598

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 5.0 10.00

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DUKE ENERGY CAROLINAS

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						
2001	117,255.52	102,599	102,599	14,657	2.50	5,863
2002	83,085.00	68,545	68,545	14,540	3.50	4,154
2003	45,150.00	34,991	34,991	10,159	4.50	2,258
2006	805,841.00	503,651	503,649	302,192	7.50	40,292
2007	322,046.00	185,176	185,175	136,871	8.50	16,102
2008	96,902.43	50,874	50,874	46,028	9.50	4,845
2009	107,665.76	51,141	51,141	56,525	10.50	5,383
2010	180,362.61	76,654	76,654	103,709	11.50	9,018
2011	56,981.01	21,368	21,368	35,613	12.50	2,849
2012	129,438.28	42,067	42,067	87,371	13.50	6,472
2013	19,820.29	5,451	5,451	14,369	14.50	991
2014	35,787.02	8,052	8,052	27,735	15.50	1,789
2015	385,454.00	67,454	67,454	318,000	16.50	19,273
2016	795,178.96	99,397	99,397	695,782	17.50	39,759
2017	6,278,139.58	470,860	470,858	5,807,282	18.50	313,907
2018	816,584.58	20,415	20,415	796,170	19.50	40,829
	10,275,692.04	1,808,695	1,808,690	8,467,002		513,784

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 16.5 5.00