DUKE ENERGY CAROLINAS, INC.
Docket No. E-7, Sub 1276
NC RETAIL COST OF SERVICE-PRESENT-12CP FIRM, A&E AT RETAIL
INITIAL FILING: BASE
For the test year ending December 31, 2021

DEMAND, ENERGY AND CUSTOMER COS STUDY

	Demand	UNIT	COSTS	Energy	UNIT	COSTS	CUSTOMER	UNIT	COSTS
	Revenue	CP KW [1]	$/KW/Mo	Revenue	Annual MWH [2]	Cents/KWH	Revenue	Avg Bills [3]	$/Cust/Mo
RS	$ 773,477,844	2,666,210	24.18	$ 297,113,504	12,660,648	2.35	$ 340,477,132	1,033,988	27.44
RT	2,354,030	8,088	24.25	1,056,145	45,197	2.34	746,588	1,924	32.33
RE	525,133,771	1,597,420	27.39	225,991,823	9,673,157	2.34	244,475,645	757,230	26.90
TOTAL RES	**1,300,965,644**	**4,271,718**	**25.38**	**524,161,472**	**22,379,002**	**2.34**	**585,699,364**	**1,793,141**	**27.22**
SGS	269,269,802	837,266	26.80	97,166,196	4,406,503	2.21	111,351,012	250,098	37.10
LGS	257,574,529	869,387	24.69	106,363,117	4,832,910	2.20	7,100,649	8,689	68.10
TOTAL GS	**526,844,331**	**1,706,653**	**25.73**	**203,529,313**	**9,239,412**	**2.20**	**118,451,660**	**258,786**	**38.14**
OL	72,586,031	76,422	79.15	6,965,464	337,417	2.06	22,408,363	227,325	8.21
NL	57,915	27	181.76	2,226	81	2.76	6,126	6	79.56
PL	33,169,041	80,907	34.16	5,189,656	239,660	2.17	1,076,025	6,567	13.65
TS	426,553	951	37.39	195,883	9,379	2.09	1,346,274	5,829	19.25
TOTAL LIGHTING	**106,239,541**	**158,306**	55.93	**12,353,229**	**586,536**	2.11	**24,836,788**	**239,727**	**8.63**
I	104,370,837	400,215	21.73	45,651,489	2,080,232	2.19	2,634,476	3,571	61.48
I	**104,370,837**	**400,215**	21.73	**45,651,489**	**2,080,232**	2.19	**2,634,476**	**3,571**	**61.48**
OPTVSecSmall	303,904,597	972,410	26.04	159,305,931	7,163,287	2.22	11,771,860	16,365	59.94
OPTVSecMed	84,622,507	281,698	25.03	50,247,466	2,261,832	2.22	1,262,820	241	436.51
OPTVSecLg	86,546,864	312,216	23.10	58,425,550	2,646,429	2.21	866,282	65	1,112.04
OPTVPriSmall	12,565,606	40,996	25.54	9,571,654	432,781	2.21	201,296	139	121.04
OPTVPriMed	27,543,177	96,118	23.88	16,903,919	772,177	2.19	228,654	68	278.51
OPTVPriLg	265,895,030	1,051,764	21.07	188,453,456	8,664,628	2.18	1,487,723	121	1,021.09
OPTVTransLg	50,552,264	192,833	21.85	39,482,267	1,842,683	2.14	108,348	4	2,407.74
OPT	**831,630,045**	**2,948,037**	23.51	**522,390,243**	**23,783,817**	2.20	**15,926,983**	**17,003**	78.06
TOTAL RETAIL	**$ 2,870,050,399**	**9,484,929**	**25.22**	**$ 1,308,085,746**	**58,069,000**	**2.25**	**$ 747,549,272**	**2,312,229**	**26.94**
	-	-		-	-		-	-	

[1] Allocation Factor: All - Prod 12CP AE-Firm at Meter
[2] Allocation Factor: All - MWHs at Meter
[3] Allocation Factor: All - Cust Num

DUKE ENERGY CAROLINAS, INC.
Docket No. E-7, Sub 1276
NC RETAIL COST OF SERVICE-PROPOSED-12CP FIRM, A&E AT RETAIL
INITIAL FILING: MYRP YEAR 1
For the test year ending December 31, 2021

DEMAND, ENERGY AND CUSTOMER COS STUDY

	Demand	UNIT	COSTS	Energy	UNIT	COSTS	CUSTOMER	UNIT	COSTS
	Revenue	CP KW [1]	$/KW/Mo	Revenue	Annual MWH [2]	Cents/KWH	Revenue	Avg Bills [3]	$/Cust/Mo
RS	$ 875,676,551	2,666,210	27.37	$ 299,839,382	12,660,648	2.37	$ 386,731,658	1,033,988	31.17
RT	2,667,778	8,088	27.49	1,066,310	45,197	2.36	851,508	1,924	36.87
RE	601,341,843	1,597,420	31.37	228,180,251	9,673,157	2.36	278,880,805	757,230	30.69
TOTAL RES	**1,479,686,172**	**4,271,718**	**28.87**	**529,085,943**	**22,379,002**	**2.36**	**666,463,971**	**1,793,141**	**30.97**
SGS	300,704,018	837,266	29.93	98,009,553	4,406,503	2.22	125,669,678	250,098	41.87
LGS	287,910,566	869,387	27.60	107,344,137	4,832,910	2.22	8,098,588	8,689	77.67
TOTAL GS	**588,614,584**	**1,706,653**	**28.74**	**205,353,690**	**9,239,412**	**2.22**	**133,768,267**	**258,786**	**43.08**
OL	97,496,915	76,422	106.31	7,118,432	337,417	2.11	23,947,967	227,325	8.78
NL	54,993	27	172.59	2,175	81	2.70	6,116	6	79.43
PL	44,768,009	80,907	46.11	5,260,953	239,660	2.20	1,380,474	6,567	17.52
TS	835,194	951	73.22	232,386	9,379	2.48	1,402,967	5,829	20.06
TOTAL LIGHTING	**143,155,112**	**158,306**	75.36	**12,613,946**	**586,536**	2.15	**26,737,524**	**239,727**	**9.29**
I	119,924,697	400,215	24.97	46,185,433	2,080,232	2.22	3,107,266	3,571	72.51
I	**119,924,697**	**400,215**	24.97	**46,185,433**	**2,080,232**	2.22	**3,107,266**	**3,571**	**72.51**
OPTVSecSmall	335,232,465	972,410	28.73	160,592,837	7,163,287	2.24	13,224,761	16,365	67.34
OPTVSecMed	94,232,949	281,698	27.88	50,691,499	2,261,832	2.24	1,441,944	241	498.43
OPTVSecLg	97,977,998	312,216	26.15	59,011,241	2,646,429	2.23	1,006,046	65	1,291.46
OPTVPriSmall	13,918,555	40,996	28.29	9,635,285	432,781	2.23	225,556	139	135.63
OPTVPriMed	30,718,368	96,118	26.63	17,057,154	772,177	2.21	260,134	68	316.85
OPTVPriLg	302,656,325	1,051,764	23.98	190,400,014	8,664,628	2.20	1,747,454	121	1,199.35
OPTVTransLg	56,411,639	192,833	24.38	39,861,031	1,842,683	2.16	117,829	4	2,618.43
OPT	**931,148,300**	**2,948,037**	26.32	**527,249,061**	**23,783,817**	2.22	**18,023,726**	**17,003**	88.33
TOTAL RETAIL	**$ 3,262,528,864**	**9,484,929**	**28.66**	**$ 1,320,488,074**	**58,069,000**	**2.27**	**$ 848,100,754**	**2,312,229**	**30.57**
	-	-		-	-		-	-	

[1] Allocation Factor: All - Prod 12CP AE-Firm at Meter
[2] Allocation Factor: All - MWHs at Meter
[3] Allocation Factor: All - Cust Num

DUKE ENERGY CAROLINAS, INC.
Docket No. E-7, Sub 1276
NC RETAIL COST OF SERVICE-PROPOSED-12CP FIRM, A&E AT RETAIL
INITIAL FILING: MYRP YEAR 2
For the test year ending December 31, 2021

DEMAND, ENERGY AND CUSTOMER COS STUDY

	Demand	UNIT	COSTS	Energy	UNIT	COSTS	CUSTOMER	UNIT	COSTS
	Revenue	CP KW [1]	$/KW/Mo	Revenue	Annual MWH [2]	Cents/KWH	Revenue	Avg Bills [3]	$/Cust/Mo
RS	$ 907,329,973	2,666,210	28.36	$ 298,923,886	12,660,648	2.36	$ 409,978,569	1,033,988	33.04
RT	2,765,485	8,088	28.49	1,063,343	45,197	2.35	900,379	1,924	38.99
RE	626,612,088	1,597,420	32.69	227,505,818	9,673,157	2.35	295,512,720	757,230	32.52
TOTAL RES	**1,536,707,547**	**4,271,718**	**29.98**	**527,493,048**	**22,379,002**	**2.36**	**706,391,668**	**1,793,141**	**32.83**
SGS	312,444,608	837,266	31.10	97,581,037	4,406,503	2.21	134,101,497	250,098	44.68
LGS	298,829,573	869,387	28.64	106,990,084	4,832,910	2.21	8,609,475	8,689	82.57
TOTAL GS	**611,274,180**	**1,706,653**	**29.85**	**204,571,122**	**9,239,412**	**2.21**	**142,710,972**	**258,786**	**45.96**
OL	100,465,569	76,422	109.55	6,946,513	337,417	2.06	26,092,067	227,325	9.56
NL	54,932	27	172.40	2,150	81	2.66	6,806	6	88.38
PL	46,762,380	80,907	48.16	5,278,645	239,660	2.20	1,457,104	6,567	18.49
TS	602,622	951	52.83	204,017	9,379	2.18	1,847,542	5,829	26.41
TOTAL LIGHTING	**147,885,503**	**158,306**	77.85	**12,431,325**	**586,536**	2.12	**29,403,519**	**239,727**	**10.22**
I	125,107,020	400,215	26.05	46,087,760	2,080,232	2.22	3,330,909	3,571	77.73
I	**125,107,020**	**400,215**	26.05	**46,087,760**	**2,080,232**	2.22	**3,330,909**	**3,571**	**77.73**
OPTVSecSmall	346,633,992	972,410	29.71	159,976,871	7,163,287	2.23	14,024,561	16,365	71.41
OPTVSecMed	97,363,521	281,698	28.80	50,517,796	2,261,832	2.23	1,517,973	241	524.71
OPTVSecLg	101,373,914	312,216	27.06	58,844,463	2,646,429	2.22	1,057,854	65	1,357.96
OPTVPriSmall	14,400,957	40,996	29.27	9,587,826	432,781	2.22	236,734	139	142.35
OPTVPriMed	31,699,195	96,118	27.48	17,003,217	772,177	2.20	273,785	68	333.48
OPTVPriLg	312,753,526	1,051,764	24.78	189,908,615	8,664,628	2.19	1,836,893	121	1,260.74
OPTVTransLg	57,767,947	192,833	24.96	39,747,197	1,842,683	2.16	121,388	4	2,697.51
OPT	**961,993,052**	**2,948,037**	27.19	**525,585,985**	**23,783,817**	2.21	**19,069,187**	**17,003**	93.46
TOTAL RETAIL	**$ 3,382,967,302**	**9,484,929**	**29.72**	**$ 1,316,169,239**	**58,069,000**	**2.27**	**$ 900,906,256**	**2,312,229**	**32.47**
	-	-		-	-		-	-	

[1] Allocation Factor: All - Prod 12CP AE-Firm at Meter
[2] Allocation Factor: All - MWHs at Meter
[3] Allocation Factor: All - Cust Num

DUKE ENERGY CAROLINAS, INC.
Docket No. E-7, Sub 1276
NC RETAIL COST OF SERVICE-PROPOSED-12CP FIRM, A&E AT RETAIL
INITIAL FILING: MYRP YEAR 3
For the test year ending December 31, 2021

DEMAND, ENERGY AND CUSTOMER COS STUDY

	Demand	UNIT	COSTS	Energy	UNIT	COSTS	CUSTOMER	UNIT	COSTS
	Revenue	CP KW [1]	$/KW/Mo	Revenue	Annual MWH [2]	Cents/KWH	Revenue	Avg Bills [3]	$/Cust/Mo
RS	$ 936,250,959	2,666,210	29.26	$ 297,389,912	12,660,648	2.35	$ 431,876,845	1,033,988	34.81
RT	2,852,704	8,088	29.39	1,058,261	45,197	2.34	943,573	1,924	40.86
RE	650,372,920	1,597,420	33.93	226,363,020	9,673,157	2.34	311,427,642	757,230	34.27
TOTAL RES	**1,589,476,582**	**4,271,718**	**31.01**	**524,811,193**	**22,379,002**	**2.35**	**744,248,059**	**1,793,141**	**34.59**
SGS	323,488,371	837,266	32.20	96,771,576	4,406,503	2.20	143,178,344	250,098	47.71
LGS	308,599,586	869,387	29.58	106,341,709	4,832,910	2.20	9,065,651	8,689	86.95
TOTAL GS	**632,087,957**	**1,706,653**	**30.86**	**203,113,285**	**9,239,412**	**2.20**	**152,243,995**	**258,786**	**49.03**
OL	105,064,413	76,422	114.57	7,237,683	337,417	2.15	24,026,611	227,325	8.81
NL	54,536	27	171.16	2,111	81	2.62	7,656	6	99.43
PL	47,901,293	80,907	49.34	5,277,557	239,660	2.20	1,538,738	6,567	19.53
TS	626,444	951	54.92	204,348	9,379	2.18	2,015,007	5,829	28.81
TOTAL LIGHTING	**153,646,686**	**158,306**	80.88	**12,721,699**	**586,536**	2.17	**27,588,013**	**239,727**	**9.59**
I	129,806,724	400,215	27.03	45,857,638	2,080,232	2.20	3,543,417	3,571	82.69
I	**129,806,724**	**400,215**	27.03	**45,857,638**	**2,080,232**	2.20	**3,543,417**	**3,571**	**82.69**
OPTVSecSmall	356,480,481	972,410	30.55	158,913,984	7,163,287	2.22	14,713,209	16,365	74.92
OPTVSecMed	99,869,669	281,698	29.54	50,209,353	2,261,832	2.22	1,573,419	241	543.87
OPTVSecLg	104,007,656	312,216	27.76	58,530,118	2,646,429	2.21	1,093,334	65	1,403.51
OPTVPriSmall	14,774,792	40,996	30.03	9,514,011	432,781	2.20	244,457	139	147.00
OPTVPriMed	32,452,755	96,118	28.14	16,903,433	772,177	2.19	283,706	68	345.56
OPTVPriLg	320,095,337	1,051,764	25.36	188,930,789	8,664,628	2.18	1,893,724	121	1,299.74
OPTVTransLg	58,501,889	192,833	25.28	39,520,195	1,842,683	2.14	123,330	4	2,740.66
OPT	**986,182,581**	**2,948,037**	27.88	**522,521,883**	**23,783,817**	2.20	**19,925,179**	**17,003**	97.65
TOTAL RETAIL	**$ 3,491,200,530**	**9,484,929**	**30.67**	**$ 1,309,025,698**	**58,069,000**	**2.25**	**$ 947,548,663**	**2,312,229**	**34.15**
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[1] Allocation Factor: All - Prod 12CP AE-Firm at Meter
[2] Allocation Factor: All - MWHs at Meter
[3] Allocation Factor: All - Cust Num

DUKE ENERGY CAROLINAS, INC.
Docket No. E-7, Sub 1276
NC RETAIL COST OF SERVICE-PROPOSED-12CP FIRM, A&E AT RETAIL
INITIAL FILING: BASE
For the test year ending December 31, 2021

DEMAND, ENERGY AND CUSTOMER COS STUDY

	Demand	UNIT	COSTS	Energy	UNIT	COSTS	CUSTOMER	UNIT	COSTS
	Revenue	CP KW [1]	$/KW/Mo	Revenue	Annual MWH [2]	Cents/KWH	Revenue	Avg Bills [3]	$/Cust/Mo
RS	$ 849,058,511	2,666,210	26.54	$ 299,870,393	12,660,648	2.37	$ 371,083,008	1,033,988	29.91
RT	2,585,554	8,088	26.64	1,066,260	45,197	2.36	817,705	1,924	35.41
RE	581,140,915	1,597,420	30.32	228,188,031	9,673,157	2.36	267,585,980	757,230	29.45
TOTAL RES	**1,432,784,980**	**4,271,718**	**27.95**	**529,124,684**	**22,379,002**	**2.36**	**639,486,693**	**1,793,141**	**29.72**
SGS	291,214,713	837,266	28.98	98,043,304	4,406,503	2.23	120,276,877	250,098	40.08
LGS	278,970,599	869,387	26.74	107,343,114	4,832,910	2.22	7,756,347	8,689	74.39
TOTAL GS	**570,185,312**	**1,706,653**	**27.84**	**205,386,418**	**9,239,412**	**2.22**	**128,033,225**	**258,786**	**41.23**
OL	92,820,165	76,422	101.21	7,108,204	337,417	2.11	23,359,098	227,325	8.56
NL	54,713	27	171.71	2,182	81	2.71	5,807	6	75.42
PL	42,677,674	80,907	43.96	5,244,576	239,660	2.19	1,305,028	6,567	16.56
TS	529,714	951	46.44	200,448	9,379	2.14	1,611,192	5,829	23.04
TOTAL LIGHTING	**136,082,265**	**158,306**	71.63	**12,555,411**	**586,536**	2.14	**26,281,125**	**239,727**	**9.14**
I	115,695,379	400,215	24.09	46,152,400	2,080,232	2.22	2,956,389	3,571	68.99
I	**115,695,379**	**400,215**	24.09	**46,152,400**	**2,080,232**	2.22	**2,956,389**	**3,571**	**68.99**
OPTVSecSmall	325,659,356	972,410	27.91	160,641,850	7,163,287	2.24	12,696,561	16,365	64.65
OPTVSecMed	91,512,103	281,698	27.07	50,698,558	2,261,832	2.24	1,387,531	241	479.62
OPTVSecLg	94,981,618	312,216	25.35	59,003,000	2,646,429	2.23	967,518	65	1,242.00
OPTVPriSmall	13,500,072	40,996	27.44	9,644,603	432,781	2.23	217,625	139	130.86
OPTVPriMed	29,841,776	96,118	25.87	17,057,386	772,177	2.21	250,438	68	305.04
OPTVPriLg	293,380,529	1,051,764	23.25	190,348,967	8,664,628	2.20	1,679,448	121	1,152.68
OPTVTransLg	54,999,250	192,833	23.77	39,857,213	1,842,683	2.16	115,204	4	2,560.09
OPT	**903,874,703**	**2,948,037**	25.55	**527,251,578**	**23,783,817**	2.22	**17,314,325**	**17,003**	84.86
TOTAL RETAIL	**$ 3,158,622,638**	**9,484,929**	**27.75**	**$ 1,320,470,491**	**58,069,000**	**2.27**	**$ 814,071,756**	**2,312,229**	**29.34**
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[2] Allocation Factor: All - MWHs at Meter
[3] Allocation Factor: All - Cust Num