E-7, Sub 1282
Clark Exhibit 6

DECEMBER 2022 MONTHLY FUEL FILING

Clark Exhibit 6
Schedule 1

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT

Docket No. E-7, Sub 1260

Line No.		Dec 2022	12 Months Ended Dec 2022
1	Fuel and fuel-related costs	$ 400,088,306	$ 3,125,398,595
	MWH sales:		
2	Total system sales	7,795,402	89,477,757
3	Less intersystem sales	205,952	1,193,715
4	Total sales less intersystem sales	7,589,450	88,284,042
5	Total fuel and fuel-related costs (¢/KWH) (line 1/line 4)	5.2716	3.5402
6	Current fuel and fuel-related cost component (¢/KWH) (per Schedule 4, Line 7a Total)	1.8989	
	Generation Mix (MWH):		
	Fossil (by primary fuel type):		
7	Coal	1,226,989	8,102,494
8	Fuel Oil	78,865	130,190
9	Natural Gas - Combined Cycle	923,129	13,612,829
10	Natural Gas - Combined Heat and Power	7,147	91,218
11	Natural Gas - Combustion Turbine	74,091	1,686,686
12	Natural Gas - Steam	1,243,316	13,557,414
13	Biogas	2,080	18,277
14	Total fossil	3,555,617	37,199,108
15	Nuclear 100%	5,486,217	59,538,303
16	Hydro - Conventional	215,484	1,696,649
17	Hydro - Pumped storage	(34,571)	(697,976)
18	Total hydro	180,913	998,673
19	Solar Distributed Generation	15,173	320,481
20	Total MWH generation	9,237,920	98,056,565
21	Less joint owners' portion - Nuclear	1,417,939	15,313,271
22	Less joint owners' portion - Combined Cycle	(160)	592,719
23	Adjusted total MWH generation	7,820,141	82,150,575

Note: Detail amounts may not add to totals shown due to rounding.

Clark Exhibit 6
Schedule 2

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS

Docket No. E-7, Sub 1260

Fuel and fuel-related costs:	Dec 2022	12 Months Ended Dec 2022
0501110 coal consumed - steam	$ 45,283,039	$ 270,898,099
0501222-0501223 biomass/test fuel consumed	-	
0501310 fuel oil consumed - steam	157,081	1,075,261
0501330 fuel oil light-off - steam	48,166	1,713,942
Total Steam Generation - Account 501	45,488,286	273,687,302
Nuclear Generation - Account 518		
0518100 burnup of owned fuel	21,706,902	247,614,928
Other Generation - Account 547		
0547100, 0547124 - natural gas consumed - Combustion Turbine	11,551,223	129,502,907
0547100 - Combustion Turbine - credit for inefficient fuel cost	-	(2,857,210)
0547100 natural gas consumed - Steam	139,769,907	960,513,825
0547101 natural gas consumed - Combined Cycle	78,921,823	626,119,762
0547101 natural gas consumed - Combined Heat and Power	1,290,155	8,688,719
0547106 biogas consumed - Combined Cycle	112,306	986,012
0547200 fuel oil consumed - Combustion Turbine	13,579,427	20,076,765
Total Other Generation - Account 547	245,224,841	1,743,030,780
Reagents		
Reagents (lime, limestone, ammonia, urea, dibasic acid, and sorbents)	3,579,598	19,538,566
Total Reagents	3,579,598	19,538,566
By-products		
Net proceeds from sale of by-products	451,601	2,946,324
Total By-products	451,601	2,946,324
Total Fossil and Nuclear Fuel Expenses		
Included in Base Fuel Component	316,451,228	2,286,817,900
Purchased Power and Net Interchange - Account 555		
Capacity component of purchased power (economic)	-	(215,310)
Capacity component of purchased power (renewables)	661,601	15,482,895
Capacity component of purchased power (PURPA)	414,939	9,369,817
Fuel and fuel-related component of purchased power	126,508,359	940,337,520
Total Purchased Power and Net Interchange - Account 555	127,584,899	964,974,922
Less:		
Fuel and fuel-related costs recovered through intersystem sales	43,533,664	122,923,146
Fuel in loss compensation	381,194	2,967,546
Solar Integration Charge	13,226	(4,005)
Lincoln CT marginal fuel revenue	19,737	506,640
Miscellaneous Fees Collected	-	900
Total Fuel Credits - Accounts 447 /456	43,947,821	126,394,227
Total Fuel and Fuel-related Costs	$ 400,088,306	$ 3,125,398,595

Notes: Detail amounts may not add to totals shown due to rounding.
Report reflects net ownership costs of jointly owned facilities.

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SYSTEM REPORT - NORTH CAROLINA VIEW

DEC 2022

Purchased Power	Total	Capacity	Non-capacity			
Economic	$	$	mWh	Fuel $	Fuel-related $	Not Fuel $ / Not Fuel-related $
Alcoa Power Generating Inc.	-	-	-	-	-	
American Electric Power Serv Corp.	-	-	-	-	-	
Associated Electric Cooperative, Inc.	153,251	-	3,154	130,264	22,988	
Blue Ridge Electric Membership Corp.	-	-	-	-	-	
Calpine Energy Services, L.P.	-	-	-	-	-	
Cargill Power Marketers, LLC.	-	-	-	-	-	
Carolina Power Partners, LLC	$ 220,128	-	2,924	$ 187,109	$ 33,019	
Cherokee County Cogeneration Partners	-	$ -	-	-	-	
City of Kings Mountain	-	-	-	-	-	
Constellation	-	-	-	-	-	
Cube Yadkin Generation LLC	115,680	-	723	98,328	17,352	
DE Progress	-	-	-	-	-	
DE Progress - Native Load Transfer	70,200,387	-	466,390	70,248,967	2,377,140	(2,425,721)
DE Progress - Native Load Transfer (Prior Period Adjust)	-	-	-	-	-	
DE Progress - Native Load Transfer Benefit	2,350,019	-	-	2,350,019	-	
DE Progress - Fees	(25,148)	-	-	-	(25,148)	
EDF Trading North America, LLC.	-	-	-	-	-	
Exelon Generation Company, LLC.	-	-	-	-	-	
Florida Power & Light Company	-	-	-	-	-	
Haywood Electric - Economic	32,445	19,590	116	10,927	1,928	
LGE/KU	650,620	-	11,423	553,027	97,593	
Lockhart Power Co.	-	-	-	-	-	
Macquarie Energy, LLC	16,474,177	-	68,687	14,003,050	2,471,127	
Midwest Independent System Operator	-	-	-	-	-	
Morgan Stanley Capital Group	57,600	-	800	48,960	8,640	
NCEMC - Economic	30,628	3,317	611	23,215	4,097	
NCMPA - Economic	1,893,200	-	18,346	1,609,220	283,980	
NCMPA Instantaneous - Economic	7,173,244	-	48,002	4,089,467	3,083,778	
NTE Carolinas LLC	-	-	-	-	-	
Oglethorpe Power	-	-	-	-	-	
Piedmont Electric Membership Corp. - Economic	-	-	-	-	-	
Piedmont Municipal Power Agency	681,363	-	11,318	388,992	292,370	
PJM Interconnection, LLC.	498,917	-	5,150	424,080	74,838	
Rainbow Energy Marketing Corporation	-	-	-	-	-	
Rutherford Electric Membership Corp.	-	-	-	-	-	
South Carolina Electric & Gas Company / Dominion Energy	13,472	-	288	11,451	2,021	
Southern Company Services, Inc.	148,469	-	2,641	126,198	22,270	
Tennesse Valley Authority	700,625	-	12,982	595,531	105,094	
The Energy Authority	15,029	-	386	12,775	2,254	
Town of Dallas	-	-	-	-	-	
Town of Forest City	20,417	20,417	-	-	-	
Westar Energy, Inc.	-	-	-	-	-	
	$ 101,404,524	**$ 43,324**	**653,941**	**$ 94,911,581**	**$ 8,875,341**	**$ (2,425,721)**
Renewable Energy						
REPS	$ 4,896,784.45	$ 639,202	86,592	$ -	$ 4,257,583	
DERP - Purchased Power	$ 342,872.54	22,399	5,884	-	229,623	90,850
DERP - Net Metered Generation	$ 496.80	-	18			497
	$ 5,240,154	**$ 661,601**	**92,494**	**$ -**	**$ 4,487,206**	**$ 91,347**
HB589 PURPA Purchases						
CPRE - Purchased Power	$ 1,214,288.27	-	29,865			1,214,288
Qualifying Facilities	$ 3,465,792.71	414,939	66,488		2,956,940	93,914
	$ 4,680,081	**$ 414,939**	**96,353**	**$ -**	**$ 2,956,940**	**$ 1,308,203**
Non-dispatchable / Other						
Carolina Power & Light (DE Progress) (Emergency)	-	-	-	-		-
South Carolina Public Service Authority - Emergency	-	-	-	-		-
Blue Ridge Electric Membership Corp.	1,573,673	$ 803,142	24,891	654,951		115,580
Cargill Power Marketers, LLC.	-	-	-	-		-
Carolina Power Partners, LLC	-	-	-	-		-
DE Progress - As Available Capacity	-	-	-	-		-
Exelon Generation Company, LLC.	-	-	-	-		-
Haywood Electric	177,287	79,852	3,859	82,820		14,615
Macquarie Energy, LLC	15,571,770	-	35,899	13,236,005		2,335,766
Morgan Stanley Capital Group	-	-	-	-		-
NCEMC - Other	679,250	-	1,235	577,363		101,888
NCMPA	2,097,600	-	2,696	1,782,960		314,640
NTE Carolinas LLC	-	-	-	-		-
Piedmont Electric Membership Corp.	739,661	379,423	11,904	306,202		54,036
PJM Interconnection, LLC - Other	-	-	-	-		-
South Carolina Electric & Gas Company / Dominion Energy	-	-	-	-		-
Southern Company Services, Inc.	-	-	-	-		-
Tennesse Valley Authority	-	-	-	-		-
Generation Imbalance	3,118,465	-	9,905	2,559,774		558,691
Energy Imbalance - Purchases	1,435,304	-	469	1,175,506		259,798
Energy Imbalance - Sales	(4,204,965)	-	-	(3,566,988)		(637,977)
Qualifying Facilities - Pre HB589	-	-	-	-		-
Other Purchases	472	-	18	-		472
	$ 21,188,517	**$ 1,262,418**	**90,876**	**$ 16,808,592**	**$ -**	**$ 3,117,507**
Total Purchased Power	**$ 132,513,276**	**$ 2,382,281**	**933,664**	**$ 111,720,172**	**$ 16,319,487**	**$ 2,091,335**
Interchanges In						
Other Catawba Joint Owners	6,968,385	-	710,207	4,330,916		2,637,471
WS Lee Joint Owner	170,714		2,953	158,305		12,409
Total Interchanges In	7,139,099	-	713,160	4,489,220	-	2,649,878
Interchanges Out						
Other Catawba Joint Owners	(6,832,104)	(134,209)	(693,600)	(4,230,264)		(2,467,631)
Catawba- Net Negative Generation	-	-	-	-		-
WS Lee Joint Owner	(1,942,451)		(33,801)	(1,790,256)		(152,195)
Total Interchanges Out	(8,774,555)	(134,209)	(727,400)	(6,020,520)	-	(2,619,826)
Net Purchases and Interchange Power	**$ 130,877,820**	**$ 2,248,072**	**919,424**	**$ 110,188,872**	**$ 16,319,487**	**$ 2,121,387**

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SYSTEM REPORT - NORTH CAROLINA VIEW

DEC 2022

Sales	Total $	Capacity $	Non-capacity mWh	Non-capacity Fuel $	Non-capacity Non-fuel $
Utilities:					
Midwest Independent System Operator - Emergency	-	-	-	-	-
DE Progress - Emergency	-	-	-	-	-
SC Public Service Authority - Emergency	-	-	-	(155)	155
SC Electric & Gas / Dominion Energy - Emergency	508,666	-	2,763	2,270,933	(1,762,267)
Tennessee Valley Authority - Emergency	1,924,600	-	8,648	5,948,337	(4,023,737)
Market Based:					
Associated Electric Cooperative, Inc.	2,552	-	41	1,603	949
American Electric Power Services Corp.	-	-	-	-	-
Cargill-Alliant, LLC.	-	-	-	-	-
Carolina Power Partners, LLC	8,800	-	150	8,953	(153)
Central Electric Power Cooperative, Inc.	-	$ -	-	-	-
Constellation Power Sources	-	-	-	-	-
EDF Trading Company	-	-	-	-	-
Evergy Kansas Central	-	-	-	-	-
Exelon Generation Company, LLC.	-	-	-	-	-
Macquarie Energy, LLC	-	-	-	980	(980)
Midwest Independent System Operator	-	-	-	-	-
Morgan Stanley	-	-	-	-	-
NCEMC	-	-	-	-	-
NCEMC (Balancing/Generator)	-	-	-	-	-
NCMPA	127,155	87,500	213	38,688	967
Oglethorpe Power Corporation	-	-	-	-	-
PJM Interconnection, LLC.	17,071	-	200	13,976	3,095
SC Electric & Gas / Dominion Energy	20,383	-	182	4,442	15,941
South Carolina Electric & Gas - T	(4)	-	-	-	(4)
South Carolina Public Service Authority - T	(4)	-	-	-	(4)
Southern Company	90,699	-	1,058	121,282	(30,583)
Tenaska Power Service	-	-	-	-	-
Tennessee Valley Authority	5,926	-	90	3,948	1,978
The Energy Authority	18,112	-	411	10,634	7,479
Westar Energy	-	-	-	-	-
Other:					
Cargill-Alliant, LLC - Mitigation sales	-	-	-	-	-
DE Progress - Native Load Transfer Benefit	1,268,405	-	-	1,268,405	-
DE Progress - Native Load Transfer	32,571,610	-	187,066	32,362,740	208,869
Generation Imbalance	1,777,596	-	5,130	1,478,897	298,699
BPM Transmission	8,535	-			8,535
Total Intersystem Sales	**$ 38,350,103**	**$ 87,500**	**205,952**	**$ 43,533,664**	**$ (5,271,061)**

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SYSTEM REPORT - NORTH CAROLINA VIEW

Twelve Months Ended
DEC 2022

Purchased Power	Total	Capacity	Non-capacity			
Economic	$	$	mWh	Fuel $	Fuel-related $	Not Fuel $ Not Fuel-related $
Alcoa Power Generating Inc.	-	-	-	-	-	
American Electric Power Serv Corp.	-	-	-	-	-	
Associated Electric Cooperative, Inc.	163,916	-	3,384	136,769	27,147	
Blue Ridge Electric Membership Corp. - Economic	-	-	-	-	-	
Calpine Energy Services, L.P.	-	-	-	-	-	
Cargill Power Marketers, LLC.	$ -	-	-	$ -	$ -	
Carolina Power Partners, LLC	9,667,773	$ -	128,879	5,950,172	3,717,601	
Cherokee County Cogeneration Partners	(6,400,734)	(215,310)	-	22,574	(6,207,998)	
City of Kings Mountain	-	-	-	-	-	
Constellation	489,570	-	6,659	298,638	190,932	
Cube Yadkin Generation LLC	221,550	-	2,810	162,909	58,641	
DE Progress	-	-	-	-	-	
DE Progress - Native Load Transfer	544,444,833	-	7,369,876	520,344,456	26,483,093	(2,382,715)
DE Progress - Native Load Transfer (Prior Period Adjust)	-	-	-	-	-	
DE Progress - Native Load Transfer Benefit	54,871,210	-	-	54,871,210	-	
DE Progress - Fees	(153,265)	-	-	-	(153,265)	
EDF Trading North America, LLC.	-	-	-	-	-	
Exelon Generation Company, LLC.	-	-	-	-	-	
Florida Power & Light Company	-	-	-	-	-	
Haywood Electric - Economic	958,305	242,809	6,962	439,537	275,958	
LGE/KU	785,194	-	14,077	635,117	150,077	
Lockhart Power Co.	-	-	-	-	-	
Macquarie Energy, LLC	51,250,548	-	486,963	35,216,637	16,033,911	
Midwest Independent System Operator	-	-	-	-	-	
Morgan Stanley Capital Group	72,600	-	1,100	58,110	14,490	
NCEMC	970,306	3,317	15,767	596,418	370,571	
NCMPA	14,524,190	-	220,006	9,314,124	5,210,066	
NCMPA Load Following Economic	37,141,682	-	465,009	21,929,915	15,211,767	
NTE Carolinas LLC	-	-	-	-	-	
Oglethorpe Power	-	-	-	-	-	
Piedmont Electric Membership Corp. - Economic	-	-	-	-	-	
Piedmont Municipal Power Agency	5,268,496	-	102,863	3,124,813	2,143,684	
PJM Interconnection, LLC.	14,064,189	-	192,441	8,698,896	5,365,294	
Rainbow Energy Marketing Corporation	-	-	-	-	-	
Rutherford Electric Membership Corp.	-	-	-	-	-	
South Carolina Electric & Gas Company / Dominion Energy	13,472	-	288	11,451	2,021	
Southern Company Services, Inc.	557,481	-	9,748	375,696	181,785	
Tennesse Valley Authority	5,408,020	-	84,497	3,467,042	1,940,978	
The Energy Authority	16,905	-	424	13,919	2,986	
Town of Dallas	-	-	-	-	-	
Town of Forest City	**$ 244,999**	**$ 244,999**	**-**	**$ -**	**$ -**	
Westar Energy, Inc.	$ -	$ -	-	$ -	$ -	
	734581242	275815.11	9111753	665668404.2	71019738.84	-2382715.37
Renewable Energy						
REPS	71,532,035	15,214,422	1,148,827	-	56,317,611	-
DERP - Purchased Power	4,025,008	268,474	69,800	-	2,739,889	1,016,646
DERP - Purchased Power - Pre HB589	$ -	$ -	-	$ -		$ -
DERP - Net Metered Generation	124,177.1400	0.0000	4,598.5974	0.0000		124,177.1400
	$ 75,681,220	15,482,895	1223226	$ -	$ 59,057,500	1,140,823
	ok	ok	ok		ok	
HB589 PURPA Purchases						
CPRE - Purchased Power	**$ 6,118,008**	**$ -**	**301,278**			**$ 6,118,008**

Qualifying Facilities	**$ 44,602,804**	**OK**	**$ 9,369,818**	**OK**	**747,251**		**$ 34,126,582**	**1106408.62**
	$ 50,720,812		**$ 9,369,818**		**1,048,529**	**$ -**	**$ 34,126,582**	**7224417**
Non-dispatchable / Other								
Carolina Power & Light (DE Progress) - Emergency	$ 30,606		$ -		177	$ 26,015		$ 4,591
South Carolina Public Service Authority - Emergency	-		-		-	-		-
Blue Ridge Electric Membership Corp.	12,234,125		5,929,525		293,671	5,358,911		945,690
City of Concord	-		-		-	-		-
Cargill Power Marketers, LLC.	-		-		-	-		-
Carolina Power Partners, LLC	5,412,299		-		53,596	4,600,454		811,845
DE Progress - As Available Capacity	400,501		400,501		-	-		-
Exelon Generation Company, LLC.	-		-		-	-		-
Haywood Electric	2,184,429		978,976		45,858	1,024,635		180,818
Macquarie Energy, LLC	95,814,395		-		573,508	81,442,236		14,372,159
Morgan Stanley Capital Group	-		-		-	-		-
NCEMC - Other	9,311,412		36,488		51,330	7,883,685		1,391,239
NCMPA - Reliability	6,533,220		-		39,228	5,553,237		979,983
NTE Carolinas LLC	-		-		-	-		-
Piedmont Electric Membership Corp.	5,818,999		2,826,296		140,160	2,543,798		448,905
PJM Interconnection, LLC - Other	-		-		-	-		-
South Carolina Electric & Gas Company	-		-		-	-		-
Southern Company Services, Inc.	-		-		-	-		-
Tennesse Valley Authority	-		-		-	-		-
Generation Imbalance	9,288,793				69,713	6,023,880		3,264,913
Energy Imbalance - Purchases	2,954,691				(19,820)	2,284,580		670,111
Energy Imbalance - Sales	(7,911,557)				-	(7,181,724)		(729,833)
Qualifying Facilities - Pre HB589	-		-		-	-		-
Other Purchases	6,318		-		233	-		6,318
	$ 142,078,232		**$ 10,171,786**		**1,247,654**	**$ 109,559,706**	**$ -**	**$ 22,346,739**
Total Purchased Power	**$ 1,003,061,506**		**$ 35,300,314**		**12,631,162**	**$ 775,228,110**	**$ 164,203,821**	**$ 28,329,264**
								2
Interchanges In								
Other Catawba Joint Owners	73,411,183		-		7,683,448	45,957,871		27,453,312
WS Lee Joint Owner	27,399,050		-		421,179	25,673,117		1,725,933
Total Interchanges In	100,810,232		-		8,104,626	71,630,988	-	29,179,244
Interchanges Out								
Other Catawba Joint Owners	(72,945,394)		(1,580,207)		(7,598,655)	(45,548,810)		(25,816,377)
Catawba- Net Negative Generation	(452,734)		-		(13,562)	(391,439)		(61,295)
WS Lee Joint Owner	(26,616,561)		-		(411,650)	(24,785,151)		(1,831,410)
Total Interchanges Out	(100,014,689)		(1,580,207)		(8,023,867)	(70,725,400)	-	(27,709,082)
Net Purchases and Interchange Power	**$ 1,003,857,049**		**$ 33,720,107**		**12,711,921**	**$ 776,133,698**	**$ 164,203,821**	**$ 29,799,426**

NOTES: Detail amounts may not add to totals shown due to rounding.
CPRE purchased power amounts are recovered through the CPRE Rider.

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SYSTEM REPORT - NORTH CAROLINA VIEW

Twelve Months Ended DEC 2022

Sales	Total $	Capacity $	Non-capacity mWh	Non-capacity Fuel $	Non-capacity Non-fuel $
Utilities:					
Midwest Independent System Operator - Emergency	-	-	-	-	-
DE Progress - Emergency	$ 106,271	-	1,150	$ 101,064	$ 5,207
SC Public Service Authority - Emergency	417,282	-	4,767	389,377	27,905
SC Electric & Gas / Dominion Energy - Emergency	522,805	-	3,020	2,283,300	(1,760,495)
Tennessee Valley Authority - Emergency	1,924,600	-	8,648	5,948,337	(4,023,737)
Market Based:					
Associated Electric Cooperative, Inc.	2,552	-	41	1,603	949
American Electric Power Services Corp.	-	-	-	-	-
Cargill-Alliant, LLC.	-	-	-	-	-
Carolina Power Partners, LLC	8,800	-	150	8,953	(153)
Central Electric Power Cooperative, Inc.	5,538,111	$ 5,267,000	3,450	265,640	5,471
Constellation Power Sources	-	-	-	-	-
EDF Trading Company	-	-	-	-	-
Evergy Kansas Central (BPM)	-	-	-	-	-
Exelon Generation Company, LLC.	-	-	-	-	-
Macquarie Energy, LLC	1,459,360	-	20,545	1,456,745	2,615
Midwest Independent System Operator	-	-	-	-	-
Morgan Stanley	-	-	-	-	-
NCEMC	-	-	-	-	-
NCEMC (Balancing/Generator)	-	-	-	-	-
NCMPA	1,764,061	1,050,000	6,341	686,859	27,202
Oglethorpe Power Corporation	-	-	-	-	-
PJM Interconnection, LLC.	16,952	-	200	13,976	2,976
SC Electric & Gas / Dominion Energy	209,983	-	1,382	147,017	62,966
South Carolina Electric & Gas - T	(4)	-	-	-	(4)
South Carolina Public Service Authority - T	(4)	-	-	-	(4)
Southern Company	112,627	-	1,409	136,190	(23,563)
Tenaska Power Service	-	-	-	-	-
Tennesse Valley Authority	5,926	-	90	3,948	1,978
The Energy Authority	83,368	-	1,474	62,119	21,250
Westar Energy	-	-	-	-	-
Other:					
Cargill-Alliant, LLC - Mitigation sales	-	-	-	-	-
DE Progress - Native Load Transfer Benefit	10,826,966	-	-	10,826,966	-
DE Progress - Native Load Transfer	98,082,917	17,512	1,104,079	96,983,455	1,081,950
Generation Imbalance	4,126,628	-	36,969	3,607,599	519,029
BPM Transmission	(289,990)	-	-	-	(289,990)
Total Intersystem Sales	**$ 124,919,210**	**$ 6,334,512**	**1,193,715**	**$ 122,923,146**	**$ (4,338,447)**

Duke Energy Carolinas
(Over) / Under Recovery of Fuel Costs
Dec-22

Line No.			Residential	Commercial	Industrial	Total
1	Actual System kWh sales	Input				7,589,450,642
2	DERP Net Metered kWh generation	Input				10,675,770
3	Adjusted System kWh sales	L1 + L2				7,600,126,412
4	N.C. Retail kWh sales	Input	2,073,010,864	2,007,616,467	929,120,959	5,009,748,290
5	NC kWh sales % of actual system kWh sales	L4 T / L1				66.01%
6	NC kWh sales % of adjusted system kWh sales	L4 T / L3				65.92%
7	Approved fuel and fuel related rates (¢/kWh)					
	7a Billed rates by class (¢/kWh)	L7g	2.0003	1.8217	1.8396	1.8989
	7b Billed fuel expense	L7a * L4 / 100	$41,466,436	$36,572,749	$17,092,109	$95,131,294
	Rate changes:		Agrees to CY Rate	Agrees to CY Rate	Agrees to CY Rate	ate with Annual Fuel Filings.
	7c New approved rates	Input	2.0003	1.8217	1.8396	
	7d Ratio of days to rate	Input	100.00%	100.00%	100.00%	
	7e Prior approved rates	Input	1.5337	1.6895	1.7243	
	7f Ratio of days to rate	Input	$0	$0	$0	
	7g Total prorated ¢/KWH	(L7c * L7d) + (L7e * L7f)	2.0003	1.8217	1.8396	
8	Incurred base fuel and fuel related (¢/kWh) (less renewable purchased power capacity)					
	Allocation changes:					
	8a New approved Docket E-7, Sub 1263 allocation factor	Input	41.25%	38.34%	20.40%	ate with Annual Fuel Filings.
	8b System incurred expense	Input				$399,273,363
	8c Incurred base fuel and fuel related expense	L8b * L6 * 8a	$108,577,957	$100,915,104	$53,694,541	$263,187,602
	8d Incurred base fuel rates by class (¢/kWh)	L8c / L4 * 100	5.2377	5.0266	5.7791	5.2535
9	Incurred renewable purchased power capacity rates (¢/kWh)					
	9a NC retail production plant %	Input				0.6668
	9b Production plant allocation factors	Input	$0	$0	$0	$1
	9c System incurred expense	Input				1,076,540
	9d Incurred renewable capacity expense	L9a * L9b * L9c	337,710	266,619	113,521	717,851
	9e Incurred renewable capacity rates by class (¢/kWh)	((L9a * L9c) * L9b) / L4 * 100	$0	$0	$0	$0
10	Total incurred rates by class (¢/kWh)	L8h + 9e	$5	$5	$6	$5
11	Difference in ¢/kWh (incurred - billed)	L10 - L7a	$3	$3	$4	3
12	(Over) / under recovery [See footnote]	(L4 * L11) / 100	$67,449,231	$64,608,974	$36,715,953	$168,774,159
13	Prior period adjustments	Input	$ 6,221,166	$ 7,287,649	$ 3,743,576	$ 17,252,391
14	Total (over) / under recovery	L12 + L13	$ 73,670,398	$ 71,896,623	$ 40,459,529	$ 186,026,550
15	Total system incurred expense	L8f + L9c				$ 400,349,903
16	Less: Jurisdictional allocation adjustment(s)	Input				$ 261,597
17	Total Fuel and Fuel-related Costs per Schedule 2	L15 + L16				$ 400,088,306

	Year 2022	(Over) / Under Recovery Total To Date	Residential	Commercial	Industrial	Total Company
	January	$82,008,235	$24,579,060	$37,771,442	$19,657,733	$82,008,235
	February	$143,232,306	$15,631,479	$30,077,232	$15,515,360	$61,224,071
_/1	March	$159,861,094	$5,165,674	$9,269,996	$2,193,118	$16,628,788
	April	$181,992,930	$10,365,435	$8,725,608	$3,040,792	$22,131,835
_/1	May	$264,210,240	$31,901,319	$34,049,947	$16,266,045	$82,217,311
	June	$379,971,976	$41,213,673	$49,730,332	$24,817,731	$115,761,736
	July	$526,297,892	$49,270,398	$63,835,167	$33,220,351	$146,325,916
	August	$711,811,535	$62,764,654	$80,234,867	$42,514,122	$185,513,643
	September	796,532,236	$39,079,834	$28,198,709	$17,442,158	$84,720,701
	October	823,675,629	$17,397,939	$6,414,818	$3,330,636	$27,143,393
	November	$895,004,007	34,559,470	24,589,863	12,179,045	$71,328,378
	December	$1,081,030,557	$73,670,398	$71,896,623	$40,459,529	$186,026,550
			$405,599,335	$444,794,603	$230,636,622	$1,081,030,557

Notes:

Detail amounts may not recalculate due to percentages presented as rounded.

Presentation of over or under collected amounts reflects a regulatory asset or liability. Over collections, or regulatory liabilities, are shown as negative amounts.

Under collections, or regulatory assets, are shown as positive amounts.

Includes prior period adjustments.

_/1 Reflects a prorated rate and prorated allocation factor for periods in which the approved rates changed.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
December 2022

Description	Buck CC	Dan River CC	Lee CC	Clemson CHP	Lee Steam/CT	Lincoln CT	(A) Lincoln (Unit17) CT	Mill Creek CT	Rockingham CT
Cost of Fuel Purchased ($)									
Coal									
Oil	-	-	-		581,554	-	-	4,046,679	4,504,834
Gas - CC	$40,036,410	$38,694,262	$221,226						
Gas - CHP				$1,290,155					
Gas - CT					$339,173	$1,752,935	$247	$1,301,300	$8,157,569
Gas - Steam					-				
Biogas	-	379,200	-						
Total	$40,036,410	$39,073,462	$221,226	$1,290,155	$920,726	$1,752,935	$247	$5,347,979	$12,662,402
Average Cost of Fuel Purchased (¢/MBTU)									
Coal		-							
Oil					2,568.26	-	-	2,253.14	2,410.28
Gas - CC	1,210.54	1,211.01	2,080.56						
Gas - CHP				1,297.62					
Gas - CT					1,277.34	1,215.43	(1,129.41)	1,212.99	1,217.66
Gas - Steam					-				
Biogas	-	2,595.49	-						
Weighted Average	1,210.54	1,217.31	2,080.56	1,297.62	1,871.51	1,215.43	(1,129.41)	1,864.18	1,477.81
Cost of Fuel Burned ($)									
Coal		-	-		-				
Oil - CC	-	-	-						
Oil - Steam/CT					$288,821	4,242,357	-	5,012,521	4,035,727
Gas - CC	$40,036,410	$38,694,262	$221,226						
Gas - CHP				$1,290,155					
Gas - CT					339,173	$1,752,935	$247	$1,301,300	$8,157,569
Gas - Steam					-				
Biogas	-	379,200	-						
Nuclear									
Total	$40,036,410	$39,073,462	$221,226	$1,290,155	$627,994	$5,995,292	$247	$6,313,821	$12,193,296
Average Cost of Fuel Burned (¢/MBTU)									
Coal					-				
Oil - CC									
Oil - Steam/CT					1,751.81	1,517.46	-	1,952.52	1,856.01
Gas - CC	1,210.54	1,211.01	2,080.56						
Gas - CHP				1,297.62					
Gas - CT					1,277.34	1,215.43	(1,129.41)	1,212.99	1,217.66
Gas - Steam					-				
Biogas	-	2,595.49	-						
Nuclear									
Weighted Average	1,210.54	1,217.31	2,080.56	1,297.62	1,459.09	1,414.68	(1,129.41)	1,734.56	1,374.08
Average Cost of Generation (¢/kWh)									
Coal		-	-		-	-	-		
Oil - CC	-	-	-						
Oil - Steam/CT		-	-		17.56	12.13	-	23.53	20.14
Gas - CC	8.53	8.51	-						
Gas - CHP				18.05					
Gas - CT					12.54	291,185.15	-	14.61	12.95
Gas - Steam					-	-	-	-	-
Biogas	-	18.23	-						
Nuclear									
Weighted Average	8.53	8.55	-	18.05	14.44	17.14	-	20.90	14.68
Burned MBTU's									
Coal					-				
Oil - CC									
Oil - Steam/CT					16,487	279,569	-	256,721	217,441
Gas - CC	3,307,314	3,195,214	10,633						
Gas - CHP				99,425					
Gas - CT					26,553	144,223	(22)	107,280	669,936
Gas - Steam					-				
Biogas	-	14,610	-						
Nuclear									
Total	3,307,314	3,209,824	10,633	99,425	43,040	423,792	(22)	364,001	887,377
Net Generation (mWh)									
Coal									
Oil - CC									
Oil - Steam/CT		-	-		1,644	34,986	-	21,307	20,035
Gas - CC	469,549	454,840	(1,260)		-				
Gas - CHP				7,147					
Gas - CT					2,705	1	(523)	8,908	63,001
Gas - Steam					-				
Biogas	-	2,080	-						
Nuclear 100%									
Hydro (Total System)									
Solar (Total System)									
Total	469,549	456,920	(1,260)	7,147	4,349	34,987	(523)	30,215	83,036
Cost of Reagents Consumed ($)									
Ammonia	$48,324	$0	$6,766						
Limestone									
Sorbents									
Urea									
Re-emission Chemical									
Dibasic Acid									
Activated Carbon									
Lime (water emissions)									
Total	$48,324	$0	$6,766						

Notes:

(A) Lincoln (Unit 17) fuel and fuel related costs represents pre-commercial generation during an extended testing and validation period.
Detail amounts may not add to totals shown due to rounding.
Data is reflected at 100% ownership.
Schedule excludes in-transit and terminal activity.
Cents/MBTU and cents/kWh are not computed when costs and/or net generation is negative.
Re-emission chemical reagent expense is not recoverable in NC.
Lime (water emissions) expense is not recoverable in SC fuel clause.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
December 2022

Description	Allen	Marshall	Belews Creek	Cliffside	Catawba	McGuire	Retail onee	Current Month
	Steam	Steam - Dual Fuel	Steam - Dual Fuel	Steam - Dual Fuel	Nuclear	Nuclear	Nuclear	
Cost of Fuel Purchased ($)								
Coal	$8,397	$22,275,183	$13,005,647	$4,159,826				39449052.41
Oil	-	-	43,134	195,355				9371554.83
Gas - CC								78951896.85
Gas - CHP								1290154.86
Gas - CT								11551223.21
Gas - Steam		23,192,605	89,015,098	27,562,204				139769906.7
Biogas								379200.4585
Total	$8,397	$45,467,788	$102,063,879	$31,917,385				280762989.3
Average Cost of Fuel Purchased (¢/MBTU)								
Coal	-	556.38	405.58	529.76				493.39
Oil	-	-	2,094.23	2,358.10				2345.876765
Gas - CC								1212.190124
Gas - CHP								1297.616153
Gas - CT								1218.467781
Gas - Steam		1,212.83	1,212.32	1,219.81				1213.873974
Biogas				.				2595.485685
Weighted Average	-	768.58	967.31	1,045.42				1021.532064
Cost of Fuel Burned ($)								
Coal	$0	$20,049,558	$15,376,945	$9,856,536				45283038.68
Oil - CC								0
Oil - Steam/CT	-	2,092	-	203,154			-	13784673.86
Gas - CC								78951896.85
Gas - CHP								1290154.86
Gas - CT							-	11551223.21
Gas - Steam		23,192,605	89,015,098	27,562,204				139769906.7
Biogas								379200.4585
Nuclear					$9,964,761	$9,371,945		29753844.93
Total	$0	$43,244,255	$104,392,043	$37,621,894	$9,964,761	$9,371,945	$0 #	320763940
Average Cost of Fuel Burned (¢/MBTU)								
Coal	-	418.68	345.25	368.79				380.0415591
Oil - CC								0
Oil - Steam/CT	-	1,442.88	-	2,545.79			-	1771.028179
Gas - CC								1212.190124
Gas - CHP								1297.616153
Gas - CT							-	1218.467781
Gas - Steam		1,212.83	1,212.32	1,219.81				1213.873974
Biogas								2595.485685
Nuclear					57.13	53.27		54.49758916
Weighted Average	-	645.32	884.95	761.55	57.13	53.27	-	371.3414283
Average Cost of Generation (¢/kWh)								
Coal	-	4.02	3.37	3.57				3.690582692
Oil - CC								-
Oil - Steam/CT	-	13.67	-	23.16			-	17.47873714
Gas - CC								8.552637244
Gas - CHP								18.05169806
Gas - CT							-	15.59056553
Gas - Steam		11.10	11.18	11.55				11.24170747
Biogas								18.2330654
Nuclear					0.57	0.53		0.542338098
Weighted Average	-	6.11	8.34	7.29	0.57	0.53		3.472252469
Burned MBTU's								
Coal	-	4,788,789	4,453,853	2,672,644				11915286
Oil - CC								0
Oil - Steam/CT	-	145	-	7,980			-	778343
Gas - CC								6513161.2
Gas - CHP								99425
Gas - CT							-	947970
Gas - Steam		1,912,266	7,342,548	2,259,553				11514367.2
Biogas								14610
Nuclear					17,441,277	17,594,902		54596626
Total	-	6,701,200	11,796,401	4,940,177	17,441,277	17,594,902	-	86379788.4
Net Generation (mWh)								
Coal	(3,652)	498,367	455,930	276,344				1226988.865
Oil - CC								0
Oil - Steam/CT	-	15	-	877			-	78865.388
Gas - CC								923129.2594
Gas - CHP								7147
Gas - CT							-	74091.111
Gas - Steam		208,863	795,860	238,593				1243315.636
Biogas								2079.740571
Nuclear 100%					1,755,875	1,777,031		5486217
Hydro (Total System)								180912.503
Solar (Total System)								15173.19
Total	(3,652)	707,245	1,251,790	515,814	1,755,875	1,777,031	-	9237921
Cost of Reagents Consumed ($)								
Ammonia			$1,573,130	$112,122				1740341.44
Limestone	$0	$463,125	669,388	417,704				1550217.58
Sorbents	-	135,320	-					135319.92
Urea	-	135,168						135167.6
Re-emission Chemical	-	-	-	-				0
Dibasic Acid	-							0
Activated Carbon	19,413	-						19413
Lime (water emissions)	-	-	-					0
Total	19,413	733,613	$2,242,518	$529,827				3580459.54

Notes:

(A) Lincoln (Unit 17) fuel and fuel related costs represents pre-commercial generation during an extended testing and validation period.
Detail amounts may not add to totals shown due to rounding.
Data is reflected at 100% ownership.
Schedule excludes in-transit and terminal activity.
Cents/MBTU and cents/kWh are not computed when costs and/or net generation is negative.
Re-emission chemical reagent expense is not recoverable in NC.
Lime (water emissions) expense is not recoverable in SC fuel clause.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
December 2022

Description	Buck	Dan River	Lee	Clemson	Lee	Lincoln	(A) Lincoln (Unit17)	Mill Creek	Rockingham	Allen	Marshall	Belews Creek	Cliffside	Current Month	Total 12 ME December 2022
	CC	CC	CC	CHP	Steam/CT	CT	CT	CT	CT	Steam	Steam - Dual Fuel	Steam - Dual Fuel	Steam - Dual Fuel		
Coal Data:															
Beginning balance					-					74,257	942,182	1,063,230	560,022	2,639,691	2,249,850.29
Tons received during period										-	160,876	126,317	34,519	321,712	3,321,481.00
Inventory adjustments					-					-	-	-	-	-	87,264.42
Tons burned during period					-					-	188,294	175,590	106,421	470,305	3,167,498.27
Ending balance					-					74,257	914,764	1,013,957	488,120	2,491,098	2,491,097.54
MBTUs per ton burned					-					-	25.43	25.37	25.11	25.34	25.14
Cost of ending inventory ($/ton)					-					76.97	106.48	87.57	92.62	95.19	95.19
Oil Data:															
Beginning balance	-	-	-		676,615	8,412,634	815,389	2,345,685	2,482,428	97,085	278,522	19,411	189,712	15,317,480	17,610,506
Gallons received during period	-	-	-		164,086	-	-	1,301,461	1,354,355	-	-	14,925	60,032	2,894,859	4,430,957
Miscellaneous adjustments	-	-	-		-	-	-	-	-	-	-	(12,217)	(7,796)	(18,962)	(283,590)
Gallons burned during period		-	-		119,913	2,024,251	-	1,863,711	1,584,733	-	1,055	-	57,940	5,652,654	9,217,150
Ending balance	-	-	-		720,788	6,388,383	815,389	1,783,435	2,252,050	97,085	277,467	22,119	184,008	12,540,723	12,540,723
Cost of ending inventory ($/gal)	-	-	-		2.41	2.10	2.40	2.69	2.55	3.67	1.98	2.92	3.51	2.33	2.33
Natural Gas Data:															
Beginning balance															
MCF received during period	3,201,724	3,078,374	10,314	96,396	25,719	139,785	(21)	103,973	645,289		1,854,024	7,076,232	2,186,597	18,418,406	245,725,869
MCF burned during period	3,201,724	3,078,374	10,314	96,396	25,719	139,785	(21)	103,973	645,289		1,854,024	7,076,232	2,186,597	18,418,406	245,725,869
Ending balance															
Biogas Data:															
Beginning balance															
MCF received during period	-	14,075	-											14,075	125,074
MCF burned during period	-	14,075	-											14,075	125,074
Ending balance															
Limestone Data:															
Beginning balance										17,697	69,262	39,265	31,093	157,316	158,739
Tons received during period										-	-	-	-	-	163,156
Inventory adjustments										-	-	-	-	-	(9,121)
Tons consumed during period										-	10,150	11,833	7,544	29,527	184,984
Ending balance										17,697	59,112	27,432	23,549	127,789	127,789
Cost of ending inventory ($/ton)										55.11	45.63	55.25	47.15	49.29	49.29

		Qtr Ending December 2022	Total 12 ME December 2022
Ammonia Data: (B)			
Beginning balance	3,836	3,836	2,761
Tons received during period	925	925	5,319
Tons consumed during period	1,127	1,127	4,446
Ending balance	3,634	3,634	3,634
Cost of ending inventory ($/ton)	339.09	339.09	339.09

Notes:
Detail amounts may not add to totals shown due to rounding.
Schedule excludes in-transit and terminal activity.
Gas is burned as received; therefore, inventory balances are not maintained.
(A) Lincoln (Unit 17) fuel and fuel related costs represents pre-commercial generation during an extended testing and validation period.
(B) Quarterly ammonia inventory amounts are revised to reflect a correction to June quantities, affecting the quarter ending September 2021 beginning balance. Revised amounts for quarter ending June 2021 are revised above.

Schedule 7

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASED
'December 2022

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	-	$ -	$ -
	CONTRACT	-	7,786	-
	FUEL MANAGEMENT AGREEMENT		(7,786)	
	FIXED TRANSPORTATION / ADJUSTMENTS	-	8,397	-
	TOTAL	0	8,397	-
BELEWS CREEK	SPOT	-	-	-
	CONTRACT	126,317	11,773,259	93.20
	FUEL MANAGEMENT AGREEMENT		814,231	
	FIXED TRANSPORTATION / ADJUSTMENTS	-	418,157	-
	TOTAL	126,317	13,005,647	102.96
BUCK	SPOT	-	-	-
CLIFFSIDE	SPOT	-	-	-
	CONTRACT	34,519	3,969,974	115.01
	FUEL MANAGEMENT AGREEMENT			
	FIXED TRANSPORTATION / ADJUSTMENTS	-	189,852	-
	TOTAL	34,519	4,159,826	120.51
	TOTAL	-	-	-
MARSHALL	SPOT	60,317	11,977,372	198.57
	CONTRACT	100,559	11,121,036	110.59
	FUEL MANAGEMENT AGREEMENT		(1,413,676)	
	FUEL MANAGEMENT AGREEMENT			
	FIXED TRANSPORTATION / ADJUSTMENTS	-	-	-
	TOTAL	-	(0)	-

Clark Exhibit 6
Schedule 8

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL QUALITY RECEIVED
December 2022

STATION	PERCENT MOISTURE	PERCENT ASH	HEAT VALUE	PERCENT SULFUR
ALLEN	-	-	-	-
BELEWS CREEK	6.68	9.63	12,693	1.84
CLIFFSIDE	13.99	8.16	11,374	1.99
LEE	-	-	-	-
MARSHALL	7.56	9.61	12,443	1.39

Clark Exhibit 6
Schedule 9

DUKE ENERGY CAROLINAS
ANALYSIS OF OIL PURCHASED
DECEMBER 2022

	ALLEN	BELEWS CREEK
VENDOR	HighTowers	HighTowers
SPOT/CONTRACT	Contract	Contract
SULFUR CONTENT %	-	-
GALLONS RECEIVED	-	14,925
TOTAL DELIVERED COST	$ -	$ 43,134
DELIVERED COST/GALLON	$ -	$ 2.89
BTU/GALLON	138,000	138,000

	CLIFFSIDE	MARSHALL
VENDOR	HighTowers	HighTowers
SPOT/CONTRACT	Contract	Contract
SULFUR CONTENT %	-	-
GALLONS RECEIVED	60,032	-
TOTAL DELIVERED COST	$ 195,355	$ -
DELIVERED COST/GALLON	$ 3.25	$ -
BTU/GALLON	138,000	138,000

	LEE	MILL CREEK	ROCKINGHAM
VENDOR	HighTowers	HighTowers	HighTowers
SPOT/CONTRACT	Contract	Contract	Contract
SULFUR CONTENT %	-	-	-
GALLONS RECEIVED	164,086	1,301,461	1,354,355
TOTAL DELIVERED COST	$ 581,554	$ 4,046,679	$ 4,504,834
DELIVERED COST/GALLON	$ 3.54	$ 3.11	$ 3.33
BTU/GALLON	138,000	138,000	138,000

Duke Energy Carolinas Base Load Power Plant Performance Review Plan
Report Period: December 2022 - December 2022

Station	Unit	Date of Outage	Duration of Outage (Hours)	Scheduled / Unscheduled	Cause of Outage	Reason Outage Occurred	Remedial Actions Taken
Oconee	1						
	2						
	3						
McGuire	1						
	2						
Catawba	1						
	2						

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
December 2022

Belews Creek Station

No Outages at Baseload Units During the Month.

Buck Combined Cycle Station

No Outages at Baseload Units During the Month.

Clemson CHP

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
1	12/12/2022 8:13:00 AM To 12/21/2022 7:52:00 AM	Sch	3999	Other miscellaneous balance of plant problems	Planned outage to repair duct work damage.	
1	12/24/2022 7:59:00 AM To 12/24/2022 3:05:00 PM	Unsch	5041	Fuel piping and valves	Gas Turbine trip due to reduced gas pressure from Fort Hill.	

Dan River Combined Cycle Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
9	12/23/2022 11:51:00 PM To 12/24/2022 1:56:00 AM	Unsch	1740	Boiler drum gage glasses / level indicator	HRSG 9 LP Drum Level Transmitters froze and lost indication on the Drum level transmitters.	
9	12/24/2022 1:56:00 AM To 12/25/2022 12:08:00 AM	Unsch	5016	High pressure compressor bleed valves	Started the GT9 and unit failed to start due to a faulty Compressor Blead valve switch.	

Marshall Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
4	12/2/2022 10:55:00 PM To 12/9/2022 9:53:00 PM	Sch	8140	Reaction tanks including agitators	Maintenance outage to repair leaking reaction tank agitators "A" and "E".	
4	12/30/2022 2:56:00 PM To 12/31/2022 11:59:00 PM	Sch	0920	Other slag and ash removal problems	Clinker Removal from Bottom Ash Hopper.	

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% ownership.

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
December 2022

WS Lee Combined Cycle

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
WS Lee CC ST 10	11/3/2022 3:34:00 AM To 12/11/2022 3:07:00 AM	Sch	4640	Seal oil system and seals	Generator inspection.	
WS Lee CC ST 10	12/11/2022 3:07:00 AM To 12/31/2022 11:59:00 PM	Unsch	4410	Turning gear and motor	Fire damage discovered in the ST compartment.	
WS Lee CC GT 11	11/3/2022 3:48:00 AM To 12/10/2022 8:44:00 AM	Sch	5272	Boroscope inspection	Gas turbine 11 borscope inspection.	
WS Lee CC GT 11	12/10/2022 8:56:00 AM To 12/10/2022 7:19:00 PM	Sch	1740	Boiler drum gage glasses / level indicator	Test fired unit coming out of PO. (HRSG drum levels)	
WS Lee CC GT 11	12/11/2022 3:07:00 AM To 12/31/2022 11:59:00 PM	Unsch	4410	Turning gear and motor	Fire damage in the ST compartment.	
WS Lee CC GT 12	11/3/2022 3:47:00 AM To 12/10/2022 3:55:00 PM	Sch	5260	Major overhaul (use for non-specific overhaul only; see page B-CCGT-2)	GT12 HGP overhaul.	
WS Lee CC GT 12	12/10/2022 5:05:00 PM To 12/11/2022 3:07:00 AM	Sch	5048	Gas fuel system including controls and instrumentation	Unit testing coming out of outage - (ACDMS not available for tuning).	
WS Lee CC GT 12	12/11/2022 3:07:00 AM To 12/31/2022 11:59:00 PM	Unsch	4410	Turning gear and motor	Fire damage located in the ST compartment.	

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% ownership.

Duke Energy Carolinas Base Load Power Plant Performance Review Plan
Report Period: December 2022

	Oconee 1	Oconee 2	Oconee 3	McGuire 1	McGuire 2	Catawba 1	Catawba 2
(A) MDC (MW)	847	848	859	1158	1158	1160	1150
(B) Period Hours	744	744	744	744	744	744	744
(C1) Net Gen (MWH)	647,998	651,793	653,520	889,246	887,785	880,020	875,855
(C2) Capacity Factor (%)	102.83	103.31	102.26	103.21	103.04	101.97	102.37
(D1) Net MWH Not Gen. Due to Full Schedule Outages	0	0	0	0	0	0	0
(D2) % Net MWH Not Gen. Due to Full Schedule Outages	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(E1) Net MWH Not Gen. Due to Partial Scheduled Outages	0	0	0	0	0	0	0
(E2) % Net MWH Not Gen. Due to Partial Scheduled Outages	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(F1) Net MWH Not Gen Due to Full Forced Outages	0	0	0	0	0	0	0
(F2) % Net MWH Not Gen Due to Full Forced Outages	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(G1) Net MWH Not Gen due to Partial Forced Outages	-17,830	-20,881	-14,424	-27,694	-26,233	-16,980	-20,255
(G2) % Net MWH Not Gen Due to Partial Forced Outages	-2.83	-3.31	-2.26	-3.21	-3.04	-1.97	-2.37
(H1) Net MWH Not Gen Due to Economic Dispatch	0	0	0	0	0	0	0
(H2) %Net MWH Not Gen Due to Economic Dispatch	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(I1) Core Conservation	0	0	0	0	0	0	0
(I2) % Core Conservation	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(J1) Net MWH Possible in Period	630,168	630,912	639,096	861,552	861,552	863,040	855,600
(J2) % Net mwh Possible in Period	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
(K) Equivalent Availability (%)	100	100	100	100	100	100	100
(L) Output Factor (%)	102.83	103.31	102.26	103.21	103.04	101.97	102.37
(M) Heat Rate (BTU/Net KWH)	10,060	10,004	9,978	9,893	9,909	9,993	9,873

Notes:
1) Fields (E1), (E2), (G1), (G2), (H1), (H2), (I1) and (I2) are estimates
2) Fields (D1), (D2), (F1) and (F2) include ramping losses
EAF is calculated using Standard NERC calculation and excludes OMC events

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
December 2022
Belews Creek Station

	Unit 1	Unit 2
(A) MDC (mW)	1,110	1,110
(B) Period Hrs	744	744
(C) Net Generation (mWh)	595,517	656,273
(D) Capacity Factor (%)	72.11	79.47
(E) Net mWh Not Generated due to Full Scheduled Outages	0	0
(F) Scheduled Outages: percent of Period Hrs	0.00	0.00
(G) Net mWh Not Generated due to Partial Scheduled Outages	61,727	44,766
(H) Scheduled Derates: percent of Period Hrs	7.47	5.42
(I) Net mWh Not Generated due to Full Forced Outages	0	0
(J) Forced Outages: percent of Period Hrs	0.00	0.00
(K) Net mWh Not Generated due to Partial Forced Outages	38,639	0
(L) Forced Derates: percent of Period Hrs	4.68	0.00
(M) Net mWh Not Generated due to Economic Dispatch	129,957	124,801
(N) Economic Dispatch: percent of Period Hrs	15.74	15.11
(O) Net mWh Possible in Period	825,840	825,840
(P) Equivalent Availability (%)	87.85	94.58
(Q) Output Factor (%)	72.11	79.47
(R) Heat Rate (BTU/NkWh)	9,723	9,803

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- (R) Includes Light Off BTU's

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
December 2022
Buck Combined Cycle Station

	Unit 11	Unit 12	Unit ST10	Block Total
(A) MDC (mW)	206	206	306	718
(B) Period Hrs	744	744	744	744
(C) Net Generation (mWh)	135,615	135,779	198,155	469,549
(D) Capacity Factor (%)	88.48	88.59	87.04	87.90
(E) Net mWh Not Generated due to Full Scheduled Outages	0	0	0	0
(F) Scheduled Outages: percent of Period Hrs	0.00	0.00	0.00	0.00
(G) Net mWh Not Generated due to Partial Scheduled Outages	0	0	636	636
(H) Scheduled Derates: percent of Period Hrs	0.00	0.00	0.28	0.12
(I) Net mWh Not Generated due to Full Forced Outages	0	0	0	0
(J) Forced Outages: percent of Period Hrs	0.00	0.00	0.00	0.00
(K) Net mWh Not Generated due to Partial Forced Outages	152	152	3,216	3,521
(L) Forced Derates: percent of Period Hrs	0.10	0.10	1.41	0.66
(M) Net mWh Not Generated due to Economic Dispatch	17,497	17,333	25,656	60,486
(N) Economic Dispatch: percent of Period Hrs	11.42	11.31	11.27	11.32
(O) Net mWh Possible in Period	153,264	153,264	227,664	534,192
(P) Equivalent Availability (%)	99.90	99.90	98.31	99.22
(Q) Output Factor (%)	88.48	88.59	87.04	87.90
(R) Heat Rate (BTU/NkWh)	10,371	10,176	2,649	7,056

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- (R) Includes Light Off BTU's

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
December 2022
Clemson CHP

	Clemson CHP1
(A) MDC (mW)	16
(B) Period Hrs	744
(C) Net Generation (mWh)	7,147
(D) Capacity Factor (%)	61.98
(E) Net mWh Not Generated due to Full Scheduled Outages	3,343
(F) Scheduled Outages: percent of Period Hrs	28.99
(G) Net mWh Not Generated due to Partial Scheduled Outages	0
(H) Scheduled Derates: percent of Period Hrs	0.00
(I) Net mWh Not Generated due to Full Forced Outages	110
(J) Forced Outages: percent of Period Hrs	0.95
(K) Net mWh Not Generated due to Partial Forced Outages	0
(L) Forced Derates: percent of Period Hrs	0.00
(M) Net mWh Not Generated due to Economic Dispatch	932
(N) Economic Dispatch: percent of Period Hrs	8.09
(O) Net mWh Possible in Period	11,532
(P) Equivalent Availability (%)	70.06
(Q) Output Factor (%)	88.46
(R) Heat Rate (BTU/NkWh)	13,906

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- (R) Includes Light Off BTU's

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
December 2022
Dan River Combined Cycle Station

	Unit 8	Unit 9	Unit ST07	Block Total
(A) MDC (mW)	206	206	308	720
(B) Period Hrs	744	744	744	744
(C) Net Generation (mWh)	131,290	127,576	198,054	456,920
(D) Capacity Factor (%)	85.66	83.24	86.43	85.30
(E) Net mWh Not Generated due to Full Scheduled Outages	0	0	0	0
(F) Scheduled Outages: percent of Period Hrs	0.00	0.00	0.00	0.00
(G) Net mWh Not Generated due to Partial Scheduled Outages	0	0	0	0
(H) Scheduled Derates: percent of Period Hrs	0.00	0.00	0.00	0.00
(I) Net mWh Not Generated due to Full Forced Outages	0	5,002	0	5,002
(J) Forced Outages: percent of Period Hrs	0.00	3.26	0.00	0.93
(K) Net mWh Not Generated due to Partial Forced Outages	457	457	5,331	6,246
(L) Forced Derates: percent of Period Hrs	0.30	0.30	2.33	1.17
(M) Net mWh Not Generated due to Economic Dispatch	21,517	20,229	25,767	67,512
(N) Economic Dispatch: percent of Period Hrs	14.04	13.20	11.24	12.60
(O) Net mWh Possible in Period	153,264	153,264	229,152	535,680
(P) Equivalent Availability (%)	99.70	96.44	97.67	97.90
(Q) Output Factor (%)	85.66	86.05	86.43	86.10
(R) Heat Rate (BTU/NkWh)	10,567	10,487	2,708	7,138

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- (R) Includes Light Off BTU's

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
December 2022
Marshall Station

	Unit 3	Unit 4
(A) MDC (mW)	658	660
(B) Period Hrs	744	744
(C) Net Generation (mWh)	358,385	297,208
(D) Capacity Factor (%)	73.21	60.53
(E) Net mWh Not Generated due to Full Scheduled Outages	0	132,020
(F) Scheduled Outages: percent of Period Hrs	0.00	26.89
(G) Net mWh Not Generated due to Partial Scheduled Outages	6,231	0
(H) Scheduled Derates: percent of Period Hrs	1.27	0.00
(I) Net mWh Not Generated due to Full Forced Outages	0	0
(J) Forced Outages: percent of Period Hrs	0.00	0.00
(K) Net mWh Not Generated due to Partial Forced Outages	5,409	0
(L) Forced Derates: percent of Period Hrs	1.10	0.00
(M) Net mWh Not Generated due to Economic Dispatch	119,527	61,812
(N) Economic Dispatch: percent of Period Hrs	24.42	12.59
(O) Net mWh Possible in Period	489,552	491,040
(P) Equivalent Availability (%)	97.62	73.11
(Q) Output Factor (%)	73.21	82.78
(R) Heat Rate (BTU/NkWh)	9,494	9,365

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- (R) Includes Light Off BTU's

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
December 2022
WS Lee Combined Cycle

	Unit 11	Unit 12	Unit ST10	Block Total
(A) MDC (mW)	248	248	313	809
(B) Period Hrs	744	744	744	744
(C) Net Generation (mWh)	-376	-884	0	-1,260
(D) Capacity Factor (%)	0.00	0.00	0.00	-0.21
(E) Net mWh Not Generated due to Full Scheduled Outages	58,307	60,004	76,097	194,407
(F) Scheduled Outages: percent of Period Hrs	31.60	32.52	32.68	32.30
(G) Net mWh Not Generated due to Partial Scheduled Outages	0	0	0	0
(H) Scheduled Derates: percent of Period Hrs	0.00	0.00	0.00	0.00
(I) Net mWh Not Generated due to Full Forced Outages	124,218	124,218	156,775	405,212
(J) Forced Outages: percent of Period Hrs	67.32	67.32	67.32	67.32
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	0	0
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.00	0.00
(M) Net mWh Not Generated due to Economic Dispatch	0	1,174	0	1,174
(N) Economic Dispatch: percent of Period Hrs	0.00	0.64	0.00	0.20
(O) Net mWh Possible in Period	184,512	184,512	232,872	601,896
(P) Equivalent Availability (%)	0.00	0.00	0.00	0.38
(Q) Output Factor (%)	0.00	0.00	0.00	-55.41
(R) Heat Rate (BTU/NkWh)	0	0	0	-14,135

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- (R) Includes Light Off BTU's

Duke Energy Carolinas
Intermediate Power Plant Performance Review Plan
December 2022

		Cliffside Station Cliffside 6
(A)	**MDC (mW)**	849
(B)	**Period Hrs**	744
(C)	**Net Generation (mWh)**	427,074
(D)	**Net mWh Possible in Period**	631,656
(E)	**Equivalent Availability (%)**	79.65
(F)	**Output Factor (%)**	84.32
(G)	**Capacity Factor (%)**	67.61

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Carolinas
Peaking Power Plant Performance Review Plan
December 2022

	Cliffside Station Unit 5
(A) MDC (mW)	546
(B) Period Hrs	744
(C) Net Generation (mWh)	88,740
(D) Net mWh Possible in Period	406,224
(E) Equivalent Availability (%)	95.43
(F) Output Factor (%)	68.09
(G) Capacity Factor (%)	21.85

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Carolinas Base Load Power Plant Performance Review Plan
Report Period: January 2022 - December 2022

	Oconee 1	Oconee 2	Oconee 3	McGuire 1	McGuire 2	Catawba 1	Catawba 2
(A) MDC (MW)	847	848	859	1158	1158	1160	1150
(B) Period Hours	8,760	8,760	8,760	8,760	8,760	8,760	8,760
(C1) Net Gen (MWH)	6,988,171	7,123,871	7,013,087	9,221,671	10,228,639	10,277,595	8,685,269
(C2) Capacity Factor (%)	94.18	95.9	93.2	90.91	100.83	101.14	86.21
(D1) Net MWH Not Gen. Due to Full Schedule Outages	544,917	0	486,752	805,968	0	0	1,159,200
(D2) % Net MWH Not Gen. Due to Full Schedule Outages	7.34	0.00	6.47	7.95	0.00	0.00	11.51
(E1) Net MWH Not Gen. Due to Partial Scheduled Outages	20,893	2,936	98,689	51,931	0	1,094	42,417
(E2) % Net MWH Not Gen. Due to Partial Scheduled Outages	0.28	0.04	1.31	0.51	0.00	0.01	0.42
(F1) Net MWH Not Gen Due to Full Forced Outages	0	443,928	0	227,682	111,593	0	259,478
(F2) % Net MWH Not Gen Due to Full Forced Outages	0.00	5.98	0.00	2.24	1.10	0.00	2.58
(G1) Net MWH Not Gen due to Partial Forced Outages	-134,261	-142,255	-73,688	-163,172	-196,152	-117,089	-72,364
(G2) % Net MWH Not Gen Due to Partial Forced Outages	-1.80	-1.92	-0.98	-1.61	-1.93	-1.15	-0.72
(H1) Net MWH Not Gen Due to Economic Dispatch	0	0	0	0	0	0	0
(H2) %Net MWH Not Gen Due to Economic Dispatch	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(I1) Core Conservation	0	0	0	0	0	0	0
(I2) % Core Conservation	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(J1) Net MWH Possible in Period	7,419,720	7,428,480	7,524,840	10,144,080	10,144,080	10,161,600	10,074,000
(J2) % Net mwh Possible in Period	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
(K) Equivalent Availability (%)	92.38	93.81	92.16	89.24	98.76	99.99	85.38
(L) Output Factor (%)	101.65	101.99	99.64	101.22	101.96	101.14	100.25
(M) Heat Rate (BTU/Net KWH)	10,148	10,114	10,091	10,005	10,003	10,073	10,033

Notes:
1) Fields (E1), (E2), (G1), (G2), (H1), (H2), (I1) and (I2) are estimates
2) Fields (D1), (D2), (F1) and (F2) include ramping losses
EAF is calculated using Standard NERC calculation and excludes OMC events

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
January, 2022 through December, 2022
Belews Creek Station

	Unit 1	Unit 2
(A) MDC (mW)	1,110	1,110
(B) Period Hrs	8,760	8,760
(C) Net Generation (mWh)	5,464,278	3,779,808
(D) Capacity Factor (%)	56.20	38.87
(E) Net mWh Not Generated due to Full Scheduled Outages	682,961	1,672,770
(F) Scheduled Outages: percent of Period Hrs	7.02	17.20
(G) Net mWh Not Generated due to Partial Scheduled Outages	82,895	84,005
(H) Scheduled Derates: percent of Period Hrs	0.85	0.86
(I) Net mWh Not Generated due to Full Forced Outages	687,179	2,163,967
(J) Forced Outages: percent of Period Hrs	7.07	22.25
(K) Net mWh Not Generated due to Partial Forced Outages	251,493	60,684
(L) Forced Derates: percent of Period Hrs	2.59	0.62
(M) Net mWh Not Generated due to Economic Dispatch	2,554,795	1,962,366
(N) Economic Dispatch: percent of Period Hrs	26.27	20.18
(O) Net mWh Possible in Period	9,723,600	9,723,600
(P) Equivalent Availability (%)	82.47	59.05
(Q) Output Factor (%)	65.99	65.86
(R) Heat Rate (BTU/NkWh)	9,021	9,783

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% ownership.

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
January, 2022 through December, 2022
Buck Combined Cycle Station

	Unit 11	Unit 12	Unit ST10	Block Total
(A) MDC (mW)	206	206	306	718
(B) Period Hrs	8,760	8,760	8,760	8,760
(C) Net Generation (mWh)	1,406,294	1,403,629	2,056,915	4,866,838
(D) Capacity Factor (%)	77.93	77.78	76.73	77.38
(E) Net mWh Not Generated due to Full Scheduled Outages	127,024	132,116	189,644	448,783
(F) Scheduled Outages: percent of Period Hrs	7.04	7.32	7.07	7.14
(G) Net mWh Not Generated due to Partial Scheduled Outages	115,863	114,594	18,320	248,777
(H) Scheduled Derates: percent of Period Hrs	6.42	6.35	0.68	3.96
(I) Net mWh Not Generated due to Full Forced Outages	0	6,355	0	6,355
(J) Forced Outages: percent of Period Hrs	0.00	0.35	0.00	0.10
(K) Net mWh Not Generated due to Partial Forced Outages	152	152	13,415	13,720
(L) Forced Derates: percent of Period Hrs	0.01	0.01	0.50	0.22
(M) Net mWh Not Generated due to Economic Dispatch	155,227	147,714	402,266	705,207
(N) Economic Dispatch: percent of Period Hrs	8.60	8.19	15.01	11.21
(O) Net mWh Possible in Period	1,804,560	1,804,560	2,680,560	6,289,680
(P) Equivalent Availability (%)	86.53	85.97	91.74	88.59
(Q) Output Factor (%)	83.83	84.35	82.58	83.44
(R) Heat Rate (BTU/NkWh)	10,472	10,245	2,388	6,990

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% ownership.

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
January, 2022 through December, 2022
Clemson CHP

	Clemson CHP1
(A) MDC (mW)	15
(B) Period Hrs	8,760
(C) Net Generation (mWh)	91,218
(D) Capacity Factor (%)	67.66
(E) Net mWh Not Generated due to Full Scheduled Outages	7,454
(F) Scheduled Outages: percent of Period Hrs	5.53
(G) Net mWh Not Generated due to Partial Scheduled Outages	14,157
(H) Scheduled Derates: percent of Period Hrs	10.50
(I) Net mWh Not Generated due to Full Forced Outages	10,738
(J) Forced Outages: percent of Period Hrs	7.97
(K) Net mWh Not Generated due to Partial Forced Outages	0
(L) Forced Derates: percent of Period Hrs	0.00
(M) Net mWh Not Generated due to Economic Dispatch	11,246
(N) Economic Dispatch: percent of Period Hrs	8.34
(O) Net mWh Possible in Period	134,813
(P) Equivalent Availability (%)	76.08
(Q) Output Factor (%)	78.22
(R) Heat Rate (BTU/NkWh)	12,264

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% ownership.

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
January, 2022 through December, 2022
Dan River Combined Cycle Station

	Unit 8	Unit 9	Unit ST07	Block Total
(A) MDC (mW)	206	206	308	720
(B) Period Hrs	8,760	8,760	8,760	8,760
(C) Net Generation (mWh)	1,158,153	1,172,815	1,779,047	4,110,015
(D) Capacity Factor (%)	64.18	64.99	65.94	65.16
(E) Net mWh Not Generated due to Full Scheduled Outages	362,259	372,530	559,938	1,294,727
(F) Scheduled Outages: percent of Period Hrs	20.07	20.64	20.75	20.53
(G) Net mWh Not Generated due to Partial Scheduled Outages	107,474	107,353	9,098	223,925
(H) Scheduled Derates: percent of Period Hrs	5.96	5.95	0.34	3.55
(I) Net mWh Not Generated due to Full Forced Outages	25,190	20,771	24,126	70,086
(J) Forced Outages: percent of Period Hrs	1.40	1.15	0.89	1.11
(K) Net mWh Not Generated due to Partial Forced Outages	457	457	5,686	6,600
(L) Forced Derates: percent of Period Hrs	0.03	0.03	0.21	0.10
(M) Net mWh Not Generated due to Economic Dispatch	151,026	130,634	320,186	601,845
(N) Economic Dispatch: percent of Period Hrs	8.37	7.24	11.87	9.54
(O) Net mWh Possible in Period	1,804,560	1,804,560	2,698,080	6,307,200
(P) Equivalent Availability (%)	72.55	72.23	77.80	74.71
(Q) Output Factor (%)	82.36	83.10	84.15	83.34
(R) Heat Rate (BTU/NkWh)	10,691	10,619	2,489	7,120

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% ownership.

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
January, 2022 through December, 2022
Marshall Station

	Unit 3	Unit 4
(A) MDC (mW)	658	660
(B) Period Hrs	8,760	8,760
(C) Net Generation (mWh)	3,101,170	2,712,398
(D) Capacity Factor (%)	53.80	46.91
(E) Net mWh Not Generated due to Full Scheduled Outages	586,574	1,467,292
(F) Scheduled Outages: percent of Period Hrs	10.18	25.38
(G) Net mWh Not Generated due to Partial Scheduled Outages	10,850	0
(H) Scheduled Derates: percent of Period Hrs	0.19	0.00
(I) Net mWh Not Generated due to Full Forced Outages	101,148	149,140
(J) Forced Outages: percent of Period Hrs	1.75	2.58
(K) Net mWh Not Generated due to Partial Forced Outages	235,834	146,348
(L) Forced Derates: percent of Period Hrs	4.09	2.53
(M) Net mWh Not Generated due to Economic Dispatch	1,728,504	1,306,421
(N) Economic Dispatch: percent of Period Hrs	29.99	22.60
(O) Net mWh Possible in Period	5,764,080	5,781,600
(P) Equivalent Availability (%)	83.79	69.51
(Q) Output Factor (%)	61.49	65.12
(R) Heat Rate (BTU/NkWh)	10,369	9,782

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% ownership.

Duke Energy Carolinas
Baseload Steam and CHP Units
Performance Review Plan
January, 2022 through December, 2022
WS Lee Combined Cycle

	Unit 11	Unit 12	Unit ST10	Block Total
(A) MDC (mW)	248	248	313	809
(B) Period Hrs	8,760	8,760	8,760	8,760
(C) Net Generation (mWh)	1,172,874	1,533,260	1,948,119	4,654,253
(D) Capacity Factor (%)	53.99	70.58	71.05	65.67
(E) Net mWh Not Generated due to Full Scheduled Outages	306,173	307,959	392,464	1,006,597
(F) Scheduled Outages: percent of Period Hrs	14.09	14.18	14.31	14.20
(G) Net mWh Not Generated due to Partial Scheduled Outages	38,348	53,273	0	91,621
(H) Scheduled Derates: percent of Period Hrs	1.77	2.45	0.00	1.29
(I) Net mWh Not Generated due to Full Forced Outages	537,604	152,289	194,999	884,893
(J) Forced Outages: percent of Period Hrs	24.75	7.01	7.11	12.49
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	147,623	147,623
(L) Forced Derates: percent of Period Hrs	0.00	0.00	5.38	2.08
(M) Net mWh Not Generated due to Economic Dispatch	117,480	125,699	58,674	301,853
(N) Economic Dispatch: percent of Period Hrs	5.41	5.79	2.14	4.26
(O) Net mWh Possible in Period	2,172,480	2,172,480	2,741,880	7,086,840
(P) Equivalent Availability (%)	59.40	76.36	73.19	69.93
(Q) Output Factor (%)	88.31	90.01	90.42	89.75
(R) Heat Rate (BTU/NkWh)	10,787	10,488	2,522	7,229

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% ownership.

Duke Energy Carolinas
Intermediate Power Plant
Performance Review Plan
January, 2022 through December, 2022

Cliffside Station

Units	Unit 6
(A) MDC (mW)	849
(B) Period Hrs	8,760
(C) Net Generation (mWh)	4,410,848
(D) Net mWh Possible in Period	7,437,240
(E) Equivalent Availability (%)	71.91
(F) Output Factor (%)	82.25
(G) Capacity Factor (%)	59.31

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Carolinas
Peaking Power Plant
Performance Review Plan
January, 2022 through December, 2022

Cliffside Station

Units	Unit 5
(A) MDC (mW)	546
(B) Period Hrs	8,760
(C) Net Generation (mWh)	600,803
(D) Net mWh Possible in Period	4,782,960
(E) Equivalent Availability (%)	57.36
(F) Output Factor (%)	38.11
(G) Capacity Factor (%)	12.56

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.