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August 14, 2012

Ms. Gail L. Mount, Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina 27699-4325

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AUG 15 2012

Clerk's Office
N.C. Utilities Commission

RE: Docket No. E-7, Sub 1003
Monthly Fuel Report

Dear Ms. Mount,

Commission Rule R8-52 requires that on or before the 15th day of each month, each public utility that uses fossil and/or nuclear fuel in the generation of electric power for providing North Carolina retail electric service shall file a fuel report for the second preceding month for review by the Commission, the Public Staff and any other interested party. Enclosed for filing with the Commission are an original and 15 copies of Duke Energy Carolinas, LLC's monthly fuel report pursuant to NCUC Rule R8-52 for the month of June 2012.

Should you have any questions or need further assistance, please contact me.

Sincerely,

Brian L. Franklin

/nnw

Enclosures

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT
NCUC R8-52

FILED

AUG 15 2012

Clerk's Office
N.C. Utilities Commission

Docket No. E-7, Sub 1003

Line No.	Fuel Expenses:	June 2012	12 Months Ended June 2012
1	Fuel and fuel-related costs (b)	\$ 165,744,869	\$ 1,762,249,978
2	Less fuel expenses (in line 1) recovered through intersystem sales (a)	563,111	16,439,497
3	Total fuel and fuel-related costs (line 1 minus line 2) (b)	\$ 165,181,758	\$ 1,745,810,481
MWH sales:			
4	Total system sales	6,931,265	80,567,871
5	Less intersystem sales	11,929	342,446
6	Total sales less intersystem sales	6,919,336	80,225,425
7	Total fuel and fuel-related costs (\$/KWH) (line 3/line 6)	2.3872	2.1761
8	Current fuel and fuel-related cost component (\$/KWH) (per Schedule 4, Line 2)	2.3933	
Generation Mix (MWH):			
Fossil (by primary fuel type):			
9	Coal	2,647,457	29,384,135
10	Biomass		8,239
11	Fuel Oil	60	6,630
12	Natural Gas - Combustion Turbine	89,171	955,731
13	Natural Gas - Combined Cycle	377,576	2,109,863
14	Total fossil	3,114,264	32,464,598
15	Nuclear 100%	5,019,649	58,890,822
16	Hydro - Conventional	89,440	1,463,528
17	Hydro - Pumped storage	(73,586)	(642,953)
18	Total hydro	15,854	820,575
19	Solar Distributed Generation	1,030	6,993
20	Total MWH generation	8,150,797	92,182,988
21	Less joint owners' portion	1,343,034	15,058,519
22	Adjusted total MWH generation	6,807,763	77,124,469
(a) Line 2 includes:			
	Fuel from intersystem sales (Schedule 3)	\$ 547,526	\$ 16,094,168
	Fuel-related costs recovered in off-system sales		78,220
	Fuel in loss compensation	15,585	267,109
	Total fuel recovered from intersystem sales	\$ 563,111	\$ 16,439,497

(b) 12ME balance reflects prior period adjustments to months of August - December 2011.

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

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
NCUC R8-52

Docket No. E-7, Sub 1003

Fuel and fuel-related costs:	June 2012	12 Months Ended June 2012
Steam Generation - FERC Account 501		
0501110 coal consumed - steam	\$ 102,147,231	\$ 1,093,038,923
0501222-0501223 biomass/test fuel consumed		496,717
0501310 fuel oil consumed - steam	1,870,012	6,461,502
0501330 fuel oil light-off - steam	6,037,787	14,062,270
Total Steam Generation - Account 501	<u>110,055,030</u>	<u>1,114,059,412</u>
Reagents (limestone, ammonia, urea and dibasic acid).	2,679,400	22,393,945
Net proceeds from sale of by-products	451,515	4,216,177
Nuclear Generation - FERC Account 518		
0518100 burnup of owned fuel	24,227,771	274,914,878
0518600 nuclear fuel disposal cost	4,722,391	55,562,517
Total Nuclear Generation - 100%	<u>28,950,162</u>	<u>330,477,395</u>
Less joint owners' portion	7,541,664	81,244,395
Total Nuclear Generation - Account 518	<u>21,408,498</u>	<u>249,233,000</u>
Other Generation - FERC Account 547		
0547100 natural gas consumed - Combustion Turbine	2,805,260	39,563,374
0547101 natural gas consumed - Combined Cycle	7,930,063	51,604,214
0547200 fuel oil consumed - Combustion Turbine	50,201	1,867,470
Total Other Generation - Account 547	<u>10,785,524</u>	<u>93,035,058</u>
Total fossil and nuclear fuel expenses included in base fuel component	145,379,967	1,482,937,592
Fuel component of purchased and interchange power	10,017,275	145,349,311
Fuel related component of purchased power (economic)	6,597,443	93,445,484
Fuel related component of purchased power (renewables) (b)	<u>3,750,184</u>	<u>40,517,591</u>
Total fuel and fuel-related costs (b)	<u>\$ 165,744,869</u>	<u>\$ 1,762,249,978</u>

(b) 12ME balance reflects prior period adjustments to months
of August - December 2011.

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

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
NCUC R8-52

Docket No. E-7, Sub 1003

Other fuel expenses not included in fuel and fuel-related costs:	<u>June 2012</u>	<u>12 Months Ended June 2012</u>
0501223 biomass excess above avoided cost	\$ -	\$ 61,703
0501224 North Carolina incremental renewable fuel	-	(61,703)
0509000, 0557451 EA expense	2,260	68,396
0509213 RECs consumption expense	-	955,996
Emission allowance gains	(1,058,432)	(5,494,563)
0518610 spent fuel canisters-accrual	260,757	3,289,718
0518620 canister design expense	194,807	508,047
0518700 fuel cycle study costs	77,767	217,146
Purchased and interchanged power not included in fuel and fuel-related costs	<u>4,608,622</u>	<u>45,230,823</u>
Total other fuel expenses not included in fuel and fuel-related costs:	<u>\$ 4,085,781</u>	<u>\$ 44,775,563</u>
Total FERC Account 501 - Total Steam Generation	110,055,030	1,114,059,412
Total FERC Account 518 - Total Nuclear Generation	21,941,829	253,247,911
Total FERC Account 547 - Other Generation	10,785,524	93,035,058
Total RECs consumption expense	-	955,996
Total Reagents Expense	2,679,400	22,393,945
Total Gain/Loss from Sale of By-Products	451,515	4,216,177
Total Emission Allowance Expense	2,260	68,396
Total Gain/Loss from Sale of Emission Allowances	(1,058,432)	(5,494,563)
Total Purchased and Interchanged Power Expenses (b)	<u>24,973,524</u>	<u>324,543,209</u>
Total Fuel, Fuel Related and Purchased Power Expenses (b)	<u>\$ 169,830,650</u>	<u>\$ 1,807,025,541</u>

(b) 12ME balance reflects prior period adjustments to months
of August - December 2011.

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

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
NCUC-R8-52

JUNE 2012

Schedule 3, NC, Purchases, Month
Page 1 of 4

Purchased Power	Total	Capacity		Non-capacity						
		Economic	\$	MW	\$	MWH	Fuel \$	Fuel-related \$	Not Fuel \$	Not Fuel-related \$
Alooa Power Generating Inc.	\$ 457,780	-	-	-	-	17,240	\$ 279,248	\$ 178,534		
Blue Ridge Electric Membership Corp. - Economic	419,809	19	\$ 184,350	9,680	143,508	91,751				
Calpine Power Services Marketing	768	-	-	48	468	300				
Cargill Power Marketers LLC	129,780	-	-	-	4,724	79,166		50,614		
Cherokee County Cogeneration Partners	4,316,298	-	1,204,932	-	59,102	1,318,206		1,793,148		
City of Kings Mtn	8,979	3	8,979	-	-	-	-	-	-	-
Constellation	4,388,402	-	-	-	159,882	2,676,925		1,711,477		
EDF Trading North America, LLC	352,532	-	-	-	13,289	215,045		137,487		
Haywood Electric - Economic	95,294	8	30,143	2,261	39,742	25,409				
J Aron & Company	832,344	-	-	-	31,390	507,730		324,614		
Lockhart Power Co.	19,272	7	19,272	-	-	-	-	-	-	-
MISO	37	-	-	-	-	23		14		
Morgan Stanley Capital Group	483,002	-	-	-	17,219	294,631		188,371		
NCEMC - Economic	12,800	-	-	-	580	4,185		8,615		
NCMPA - Economic	381,345	-	-	-	19,780	188,338		193,009		
NCMPA Load Following - Economic	2,018,838	-	-	-	54,778	1,074,118		944,722		
Piedmont Electric Membership Corp. - Economic	264,889	12	115,430	6,160	91,170	58,289				
PJM Interconnection LLC	1,774,682	-	-	-	72,583	1,082,556		692,126		
Rutherford Electric Membership Corp. - Economic	310,594	-	-	-	13,780	268,178		44,418		
Southern	9,295	-	-	-	553	5,670		3,625		
The Energy Authority	144,888	-	-	-	5,036	68,443		56,545		
Town of Dallas	584	-	584	-	-	-	-	-	-	-
Town of Forest City	19,856	7	19,856	-	-	-	-	-	-	-
TVA	241,986	-	-	-	-	15,209	147,611	94,375		
	\$ 16,683,642	66	\$ 1,663,646	603,052	\$ 8,602,953	\$ 6,597,443				

Purchased Power	Total	Capacity		Non-capacity						
		Renewables	\$	MW	\$	MWH	Fuel \$	Fuel-related \$	Not Fuel \$	Not Fuel-related \$
Active Concepts, LLC	\$ 604	-	-	-	-	12	\$ 604			
Cargill Power Marketing	2,573,591	-	-	-	-	43,993		2,573,591		
City of Charlotte	3,302	-	-	-	-	47		3,302		
Concord Energy, LLC	179,942	-	-	-	-	2,534		179,942		
Davidson Gas Producers, LLC	76,859	-	-	-	-	1,104		76,859		
Dixon Dairy Road, LLC	43,033	-	-	-	-	713		43,033		
Durham Landfill Electricity, LLC	102,886	-	-	-	-	1,774		102,886		
Gas Recovery Systems, LLC	159,165	-	-	-	-	2,323		159,165		
Gaston County	118,500	-	-	-	-	1,898		118,500		
Greenville Gas Producer, LLC	86,478	-	-	-	-	1,761		86,478		
Lockhart Power Company	66,043	-	-	-	-	1,029		66,043		
Nypro, Inc.	1,579	-	-	-	-	32		1,579		
Ronnie B. Powers	5,404	-	-	-	-	110		5,404		
Sun Edison, LLC	217,530	-	-	-	-	3,208		217,530		
Tencarva Machinery Company	1,451	-	-	-	-	29		1,451		
WM Renewable Energy, LLC	113,817	-	-	-	-	1,680		113,817		
	\$ 3,760,184	-	-	-	-	62,246	\$ -	\$ 3,760,184		

Purchased Power	Total	Capacity		Non-capacity						
		Other	\$	MW	\$	MWH	Fuel \$	Fuel-related \$	Not Fuel \$	Not Fuel-related \$
Blue Ridge Electric Membership Corp.	\$ 1,770,181	48	\$ 754,899	28,965	\$ 619,444	\$ 386,038				
City of Concord	11,041	-	4,844	135	3,781	2,418				
Haywood Electric	370,035	12	148,905	7,170	134,889	88,241				
Piedmont Electric Membership Corp.	867,132	20	385,507	14,400	305,991	185,634				
Generation Imbalance	364,314	-	-	9,838	219,963	144,351				
Energy Imbalance - Purchases	289,857	-	-	3,857	178,813	113,044				
Energy Imbalance - Sales	(104,333)	-	-	-	(93,913)	(10,420)				
Other Qualifying Facilities	726,565	-	-	14,746		726,565				
	\$ 4,294,792	78	\$ 1,273,956	79,111	\$ 1,386,968	\$ 1,653,889				

TOTAL PURCHASED POWER \$ 24,728,918 134 \$ 2,857,601 644,408 \$ 9,869,921 \$ 10,347,627 \$ 1,653,889

INTERCHANGES IN

Other Catawba Joint Owners	6,984,571	-	-	677,009	3,691,271	3,293,300				
Total Interchanges In	6,984,571	-	-	677,009	3,691,271	3,293,300				

INTERCHANGES OUT

Other Catawba Joint Owners	(6,739,965)	(866)	(129,880)	(650,021)	(3,543,917)	(3,066,168)				
Catawba- Net Negative Generation										
Total Interchanges Out	(6,739,965)	(866)	(129,880)	(650,021)	(3,543,917)	(3,066,168)				

Net Purchases and Interchange Power \$ 24,973,524 (732) \$ 2,727,621 671,398 \$ 10,017,276 \$ 10,347,627 \$ 1,881,001

DUKE ENERGY CAROLINAS
 INTERSYSTEM SALES*
 NCUC-R8-52

JUNE 2012

SALES	Total	Capacity		Non-capacity		
	\$	MW	\$	MWH	Fuel \$	Non-fuel \$
Market Based:						
Cargill-Alliant, LLC	\$ 11,000	-	-	200	\$ 9,394	\$ 1,606
Cobb Electric Membership Corp		-	-		(9,268)	9,268
MISO	(21,141)	-	-	(750)		(21,141)
NCMPA	94,495	50	\$ 87,500	134	5,576	1,419
PJM Interconnection LLC	477,655	-	-	10,238	447,945	29,710
Southern	18,000	-	-	300	14,092	3,908
The Energy Authority	81,647	-	-	1,079	49,754	31,893
Other:						
Generation Imbalance	36,309	-	-	728	30,033	6,276
BPM Transmission	(205,418)	-	-			(205,418)
Total Intersystem Sales	\$ 492,547	50	\$ 87,600	11,929	\$ 547,526	\$ (142,479)

* Sales for resale other than native load priority.

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

Purchased Power	Total	Capacity		Non-capacity						
		Economic	\$	MW	\$	MWH	Fuel \$	Fuel-related \$	Not Fuel \$	Not Fuel-related \$
Alcoa Power Generating Inc.	\$ 6,883,449	-	-	-	-	242,136	\$ 4,198,906	\$ 2,684,543	-	-
American Electric Power Serv Corp.	272,452	-	-	-	-	7,278	166,598	105,856	-	-
Associated Electric Cooperative Inc.	1,963,181	-	-	-	-	63,159	1,197,541	765,640	-	-
Blue Ridge Electric Membership Corp. - Economic	5,342,775	19	\$ 2,212,200	-	-	108,885	1,909,651	1,220,924	-	-
Calpine Power Services Marketing	3,322,352	-	-	-	-	86,028	2,026,634	1,295,718	-	-
Cargill Power Marketers LLC	2,722,659	-	-	-	-	95,401	1,660,821	1,061,838	-	-
Cherokee County Cogeneration Partners	43,421,340	-	10,993,750	-	-	586,584	15,808,948	16,618,644	-	-
Citigroup Energy	21,200	-	-	-	-	800	12,932	8,268	-	-
City of Kings Mtn	107,748	3	107,748	-	-	-	-	-	-	-
Constellation	35,538,978	-	-	-	-	1,209,787	21,678,777	13,860,201	-	-
Eagle Energy Partners	701,247	-	-	-	-	22,083	427,760	273,487	-	-
EDF Trading North America, LLC	3,845,056	-	-	-	-	135,979	2,345,485	1,499,571	-	-
Haywood Electric - Economic	1,221,020	8	604,743	-	-	19,362	375,929	240,348	-	-
J Aron & Company	1,756,122	-	-	-	-	66,886	1,071,235	684,887	-	-
Lockhart Power Co.	231,264	7	231,264	-	-	-	-	-	-	-
MISO	39,616	-	-	-	-	-	23,557	15,059	-	-
Morgan Stanley Capital Group	3,307,316	-	-	-	-	117,268	2,017,461	1,289,855	-	-
NCEMC	1,922,017	-	-	-	-	67,097	1,030,471	891,546	-	-
NCMPA	8,740,823	-	-	-	-	347,164	4,714,796	4,026,027	-	-
NCMPA Load Following	21,121,074	-	-	-	-	618,740	11,246,971	9,874,103	-	-
Oglethorpe Power	59,700	-	-	-	-	3,160	36,417	23,283	-	-
Piedmont Electric Membership Corp. - Economic	3,376,634	12	1,385,160	-	-	68,953	1,214,788	776,676	-	-
PJM Interconnection LLC	81,765,775	-	-	-	-	2,465,091	49,877,121	31,888,654	-	-
Progress Energy Carolinas	-	-	-	-	-	(7,200)	-	-	-	-
Rutherford Electric Membership Corp. - Economic	3,125,008	-	-	-	-	106,594	3,136,524	(11,516)	-	-
SC Electric & Gas	16,250	-	-	-	-	250	9,913	6,337	-	-
Southern	1,724,686	-	-	-	-	60,925	1,052,060	672,626	-	-
SPCO - Rowan	-	-	-	-	-	-	19	(19)	-	-
The Energy Authority	4,794,881	-	-	-	-	154,127	2,924,878	1,870,003	-	-
Town of Dallas	7,008	-	7,008	-	-	-	-	-	-	-
Town of Forest City	240,024	7	240,024	-	-	-	-	-	-	-
TVA	3,528,883	-	-	-	-	131,982	2,152,617	1,376,266	-	-
Westar Energy, Inc.	1,094,000	-	-	-	-	36,570	667,341	426,659	-	-
Total	\$ 242,213,638	68	\$ 16,781,897	8,816,069	\$ 132,884,167	\$ 93,446,484	\$	\$	\$	\$

Purchased Power	Total	Capacity		Non-capacity						
		Renewables	\$	MW	\$	MWH	Fuel \$	Fuel-related \$	Not Fuel \$	Not Fuel-related \$
Active Concepts, LLC	\$ 2,681	-	-	-	-	55	\$ 2,681	-	-	-
Cargill Power Marketing	29,691,938	-	-	-	-	509,493	-	29,691,938	-	-
City of Charlotte	24,159	-	-	-	-	345	-	24,159	-	-
Concord Energy, LLC	495,353	-	-	-	-	6,977	-	495,353	-	-
Davidson Gas Producers, LLC	939,475	-	-	-	-	13,500	-	939,475	-	-
Dixon Dairy Road, LLC	213,802	-	-	-	-	3,085	-	213,802	-	-
Durham Landfill Electricity, LLC	1,158,579	-	-	-	-	19,975	-	1,158,579	-	-
Gas Recovery Systems, LLC	1,826,873	-	-	-	-	26,975	-	1,826,873	-	-
Gaston County (a)	1,117,434	-	-	-	-	17,723	-	1,117,434	-	-
Greenville Gas Producer, LLC	1,176,551	-	-	-	-	21,443	-	1,176,551	-	-
Lockhart Power Company (a)	514,370	-	-	-	-	8,063	-	514,370	-	-
Nyro, Inc.	19,383	-	-	-	-	298	-	19,383	-	-
Ronnie B. Powers	42,222	-	-	-	-	682	-	42,222	-	-
Sun Edison, LLC	2,027,560	-	-	-	-	29,905	-	2,027,560	-	-
Tencarva Machinery Company	4,497	-	-	-	-	90	-	4,497	-	-
WM Renewable Energy, LLC	1,262,714	-	-	-	-	18,158	-	1,262,714	-	-
Total	\$ 40,817,691	-	\$	877,767	\$	40,817,691	\$	\$	\$	\$

Purchased Power	Total	Capacity		Non-capacity						
		Other	\$	MW	\$	MWH	Fuel \$	Fuel-related \$	Not Fuel \$	Not Fuel-related \$
Blue Ridge Electric Membership Corp.	\$ 17,680,072	46	\$ 8,124,593	-	-	352,767	\$ 5,828,843	\$ 3,726,636	-	-
City of Concord	31,478	-	6,819	-	-	542	15,041	9,616	-	-
Haywood Electric	4,336,799	12	1,818,699	-	-	85,182	1,536,039	982,061	-	-
NCEMC Load Following	48,591	-	-	-	-	4,859	25,842	22,749	-	-
Piedmont Electric Membership Corp.	8,667,102	20	3,903,052	-	-	175,043	2,908,070	1,857,980	-	-
Generation Imbalance	3,069,432	-	-	-	-	84,130	1,830,734	1,238,698	-	-
Energy Imbalance - Purchases	2,338,832	-	-	-	-	32,500	1,428,689	912,143	-	-
Energy Imbalance - Sales	(1,002,403)	-	-	-	-	-	(893,128)	(109,275)	-	-
Other Qualifying Facilities	7,288,690	-	-	-	-	135,600	-	7,288,690	-	-
Total	\$ 42,466,691	78	\$ 13,853,183	870,823	\$ 12,676,130	\$ 18,929,298	\$	\$	\$	\$

TOTAL PURCHASED POWER \$ 325,188,720 134 \$ 28,636,060 8,363,669 \$ 146,882,287 \$ 133,963,075 \$ 15,929,288

INTERCHANGES IN									
Other Catawba Joint Owners	76,151,730	-	-	7,633,979	36,951,558	-	-	39,200,172	-
Total Interchanges In	76,151,730	-	-	7,633,979	36,951,558	-	-	39,200,172	-

INTERCHANGES OUT									
Other Catawba Joint Owners	(76,423,562)	(866)	(1,584,534)	(7,810,849)	(36,970,182)	-	-	(37,868,846)	-
Catawba - Net Negative Generation	(374,679)	-	-	(19,027)	(294,352)	-	-	(80,327)	-
Total Interchanges Out	(76,798,241)	(866)	(1,584,534)	(7,829,876)	(37,264,534)	-	-	(37,949,173)	-

Net Purchases and Interchange Power \$ 324,543,209 (732) \$ 28,050,526 8,367,762 \$ 146,348,311 \$ 133,963,075 \$ 17,180,297

(a) 12ME balance reflects prior period adjustments to months of August - December 2011.

NOTES: Detail amounts may not add to totals shown due to rounding.
Capacity MW amounts varied across the range of time indicated.
The amounts shown represent the capacity effective as of the period end date.

SALES	Total	Capacity		Non-capacity		
	\$	MW	\$	MWH	Fuel \$	Non-fuel \$
Utilities:						
Progress Energy Carolinas - Emergency	\$ 44,323	-	-	929	\$ 35,388	\$ 8,935
SC Public Service Authority - Emergency	229,225	-	-	4,682	181,865	47,360
SC Electric & Gas - Emergency	37,978	-	-	524	26,194	11,784
Market Based:						
American Electric Power Services Corp.	28,675	-	-	495	25,331	3,344
BNP Paribas Energy Trading GP	48,000	-	-	-	-	48,000
Cargill-Alliant, LLC	63,626	-	-	1,100	49,032	14,594
Constellation Power Sources	2,599	-	-	39	8,672	(6,073)
EDF Trading North America, LLC	42,620	-	-	691	27,684	14,936
MISO	89,441	-	-	1,763	92,133	(2,692)
Morgan Stanley	33,500	-	-	640	26,480	7,020
NCEMC (Generator/Instantaneous)	40,822	-	-	871	37,029	3,793
NCMPA #1	1,479,673	50	\$ 1,038,380	8,249	339,681	101,612
Oglethorpe	47,546	-	-	925	39,369	8,177
PJM Interconnection LLC	17,709,695	-	-	271,136	13,093,804	4,615,891
Progress Energy Carolinas	40,625	-	-	625	27,015	13,610
SC Electric & Gas Market based	1,005,704	-	-	13,146	540,282	465,422
SC Public Service Authority	1	-	-	-	-	1
Southern	187,788	-	-	3,172	150,505	37,283
The Energy Authority	1,020,845	-	-	18,522	794,445	226,400
TransAlta Energy Marketing (U.S.) Inc.	2,700	-	-	50	2,094	606
TVA	173,800	-	-	3,250	142,552	31,248
Other:						
Generation Imbalance	600,288	-	-	11,637	454,613	145,675
BPM Transmission	(2,048,877)	-	-	-	-	(2,048,877)
Total Intersystem Sales	\$ 20,880,698	60	\$ 1,038,380	342,446	\$ 16,094,168	\$ 3,748,050

* Sales for resale other than native load priority.

NOTES: Detail amounts may not add to totals shown due to rounding.
 Capacity MW amounts varied across the range of time indicated.
 The amounts shown represent the capacity effective June 30, 2012.

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
June 2012
NCUC R8-52

Line No.		Residential	Commercial	Industrial	Total	
1	N.C. Retail kWh sales	Input	1,638,140,493	1,957,033,786	1,101,341,992	4,696,516,271
2	Approved fuel and fuel related rates (\$/kWh)					
2b	Billed rates by class (\$/kWh)	L2h	2.3941	2.3931	2.3926	2.3933
2c	Billed fuel expense	L1 * L2b / 100	\$39,218,722	\$46,833,776	\$26,350,709	\$112,403,207
3	Total system kWh sales	Input				6,919,336,378
4	NC % kWh Sales	L1 T / L3				67.88%
5	Incurred base fuel and fuel related (\$/kWh) (less renewable purchased power capacity)					
5a	NC kWh Sales % by class	L1 / L1T	34.88%	41.67%	23.45%	100.00%
5b	System incurred expense	Input				\$164,639,058
5c	Incurred base fuel rates (\$/kWh)	(L5b * L4) * L5a / L1 * 100	2.3794	2.3794	2.3794	2.3794
5d	NC incurred expense by class	L5c * L1 / 100	\$38,978,002	\$46,565,766	\$26,205,390	\$111,749,158
6	Incurred renewable purchased power capacity rates (\$/kWh)					
6a	Production Plant Allocation Factors	Input	43.28%	38.06%	18.66%	100.00%
6b	System incurred expense	Input				\$542,700
6c	Incurred renewable capacity rates (\$/kWh)	(L6b * L4) * L6a / L1 * 100	0.0097	0.0072	0.0062	0.0078
6d	NC incurred renewable capacity expense	L6c * L1 / 100	\$159,431	\$140,194	\$68,734	\$368,359
7	Total incurred rates by class (\$/kWh)	L5c + 6c	2.3891	2.3866	2.3856	2.3872
8	Difference in \$/kWh (Billed - Incurred)	L2b - L7	0.0050	0.0065	0.0070	0.0061
9	Over / (under) recovery	L8 * L1 / 100	\$81,289	\$127,816	\$76,585	\$285,690
10	Prior period adjustment	Input				
11	Total over / (under) recovery	L9 + L10	\$81,289	\$127,816	\$76,585	\$285,690
12	Total system incurred expense	L5b + L6b				\$165,181,758
13	Over / (under) recovery for each month of the current calendar year					

Year 2012	Over / (Under) Recovery				
	Total To Date	Residential	Commercial	Industrial	Total Company
January	\$19,638,597	\$8,587,318	\$7,408,542	\$3,642,737	\$19,638,597
February	43,294,079	9,438,838	8,979,856	5,236,788	23,655,482
March	67,879,379	9,149,599	9,739,577	5,696,124	24,585,300
April	82,005,147	4,363,250	6,136,814	3,625,704	14,125,768
1 May	78,260,361	(1,197,907)	(1,586,902)	(959,977)	(3,744,786)
June	\$78,546,051	\$81,289	\$127,816	\$76,585	\$285,690
July					
August					
September					
October					
November					
December					

1 Includes prior period adjustments.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
June 2012

Description	Allen Steam	Bellevue Creek Steam	Buck Steam/CT	Buck Gas/CC	Buzzard Roost CT	Catawba Nuclear	(H) Cliffside Steam	(I) Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	McGuire Nuclear	Mill Creek CT	Oconee Nuclear	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME June 2012	
Cost of Fuel Received																			
Coal (A)	\$10,541,908	\$27,012,317	\$0				\$5,271,251	\$0	\$0		\$24,232,012					\$0	\$67,057,485	\$1,281,724,598	
Biomass																		577,219	
Fuel Oil (C)	474,033	231,675					6,687,061				413,480						7,808,229	34,482,262	
Gas - CT			372						119,124	130,442			330,105		600	2,215,617	2,805,260	39,563,374	
Gas - CC				7,930,063													7,930,063	51,004,214	
Total:	\$11,015,936	\$27,243,991	\$372	\$7,930,063	\$0		\$11,958,312	\$0	\$119,124	\$130,442	\$24,645,472		\$330,105		\$600	\$2,215,617	\$85,599,037	\$1,407,951,665	
Received (#/MBTU) Avg																			
Coal (A)	406.08	421.16					427.77				395.48						409.65	396.78	
Biomass																		466.45	
Fuel Oil	2,038.31	2,056.23					2,055.61				2,029.15						2,053.20	2,236.96	
Gas - CT									281.87	301.74			279.40			270.71	273.00	355.52	
Gas - CC				302.04													302.04	341.17	
Weighted Average	420.56	424.02		302.04			767.77		281.87	301.74	400.89		279.40			270.71	418.90	401.17	
Cost of Fuel Burned(\$)(D)																			
Coal (E)	\$11,668,001	\$50,726,580	\$1,181,402				\$5,441,830	\$0	\$777,443		\$31,903,577						\$446,368	\$102,147,231	\$1,093,038,923
Biomass (F)																		558,420	
Fuel Oil (G)	573,225	142,896	83,448				6,687,407		128,401	1,070	216,246				147,308		7,958,000	22,391,242	
Gas - CT			372						119,124	130,442			330,105		600	2,215,617	2,805,260	39,563,374	
Gas - CC				7,930,063													7,930,063	51,004,214	
Nuclear						9,339,059						6,836,747		10,774,356			28,050,162	330,477,395	
Total	\$12,241,225	\$50,871,476	\$1,265,223	\$7,930,063	\$0	\$9,339,059	\$12,109,237	\$0	\$1,022,968	\$131,513	\$32,119,823	\$6,836,747	\$330,105	\$10,774,356	\$594,308	\$2,215,617	\$149,790,716	\$1,537,633,565	
Burned (#/MBTU) Avg																			
Coal	406.23	398.40	405.59				459.29		405.14		391.56					400.31	400.07	389.15	
Biomass																		475.42	
Fuel Oil	2,129.36	2,295.31	1,983.09				2,057.61		1,958.86	1,090.87	2,101.16				2,210.83		2,069.74	2,097.94	
Gas - CT									281.87	301.74			279.40			270.71	273.00	355.52	
Gas - CC				302.04													302.04	341.17	
Weighted Average	422.23	399.33	426.16	302.04		56.83	802.56		425.16	303.52	393.74		279.40		61.82	502.89	56.87	401.17	
Generated (#/kWh) Avg																			
Coal	4.48	3.69	4.37				4.70		5.05		3.77						3.88	3.72	
Biomass																		6.78	
Fuel Oil			(B)		(B)				(B)	INF.	17.84					(B)	INF.	337.78	
Gas - CT										3.02	4.72		3.63			3.03	3.15	4.14	
Gas - CC				2.10													2.10	2.45	
Nuclear						0.56						0.54		0.63			0.58	0.58	
Weighted Average	4.68	3.70	4.69	2.10	(B)	10.66	(B)	5.22	4.75	3.79	3.79	0.54	3.63	0.63	7.37	3.03	1.84	1.67	
Burned MBTU's																			
Coal	2,872,279	12,732,958	291,261				1,184,823		191,894		8,147,812					111,514	25,532,561	280,877,755	
Biomass																		117,458	
Fuel Oil	26,920	6,308	4,206				324,005		6,420	99	9,800				6,663		384,492	1,067,296	
Gas - CT									42,292	43,230			121,370			818,435	1,025,327	11,128,276	
Gas - CC				2,825,462													2,825,462	15,125,696	
Nuclear						16,728,048						16,748,321		17,429,424			50,005,791	595,475,745	
Total	2,899,199	12,739,266	295,469	2,825,462		16,728,048	1,506,828		240,808	43,329	8,157,681	16,748,321	121,370	17,429,424	118,177	818,435	80,473,633	903,792,226	
Net Generation (mWh)																			
Coal	261,381	1,375,346	27,012				113,556		15,369		846,836					8,125	2,647,457	29,384,135	
Biomass																		8,230	
Fuel Oil			(21)		(82)				(11)	233	6					(65)	89,171	6,630	
Gas - CT										3,950	2,763		9,333			73,125	377,576	955,731	
Gas - CC				377,576													377,576	2,109,863	
Nuclear 100%						1,683,117						1,650,553		1,705,979			5,019,849	58,690,822	
Hydro (Total System)																	15,854	820,575	
Solar (Total System)																	1,030	6,693	
Total	261,381	1,375,346	26,991	377,576	(82)	1,683,117	113,556	(11)	19,562	2,769	846,836	1,650,553	9,333	1,705,979	8,080	73,125	8,150,797	92,182,988	
Cost of Reagents Consumed (\$)																			
Ammonia		1,044,753		13,874			51,285										1,109,911	5,998,777	
Limestone (E)	107,782	529,008					84,279				442,145						1,143,215	12,810,012	
Urea	124,574										301,069						428,274	3,533,983	
Organic Acid																			
Emission premiums																		51,174	
Total	232,356	1,573,761		13,874			115,564				743,844						2,679,400	22,393,945	

(A) Coal receipts exclude 0,000 tons and \$0,000 associated with terminals for the current month.
(B) Cents/kWh not computed when costs and/or net generation is negative.
(C) Cost of fuel oil received includes a transfer of inventory from Mill Creek to Lincoln valued at \$0,000 in the current month and \$4,123,673 for the twelve months ended. Cost of the transfer between stations nets to zero with the exception of the cost of freight.
(D) Cost of fuel burned excludes \$2,260 associated with emission allowance expense for the month and \$86,396 for the twelve months ended.
(E) Twelve months ended includes annual aerial survey adjustment recorded in Dec 2011.
(F) Cost of biomass burned is reported at book cost prior to the reclassification of fuel expense applicable to NC renewable energy which is \$0,000 for the month and -\$61,703 for the twelve months ended.
(G) Cost of fuel oil burned includes \$0,000 in diesel fuel costs for on-site standby generators during the current month and \$29,773 for the twelve months ended.
(H) Cliffside unit 6 was in pre-commercial operations during the current month.
(I) Dan River coal units 1, 2, & 3 were retired April 1, 2012.

Notes:
Detail amounts may not add to totals shown due to rounding.
Fuel costs based on recoverability unless otherwise noted. Data reflected at 100% ownership.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
June 2012

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buck Gas/CC	Buzzard Roost CT	(G) Cliffside Steam	(H) Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME June 2012
Coal Data:															
Beginning balance	811,648	1,839,317	141,838			602,487	67,690	176,354		1,636,281		224,578		5,100,193	3,022,797
Tons received during period	108,114	258,649				50,540				245,798				664,100	13,187,263
Inventory adjustments	(1,551)	(388)	15			361				(3,059)		(0)		(4,602)	(52,188)
Tons burned during period (A)	115,805	517,038	11,883			52,372		7,782		324,210		4,399		1,033,287	11,431,487
Ending balance (B)	602,407	1,381,581	130,170			801,018	67,690	168,573		1,554,810		220,179		4,726,404	4,726,404
MBTUs per ton burned	24.80	24.63	24.93			22.62		24.66		25.13		25.35		24.71	24.57
Cost of ending inventory (\$/ton) (B)	101.01	98.14	101.11			104.26	102.05	99.90		98.80		101.49		99.79	99.79
Biomass/Test Fuel Data:															
Beginning balance			827					1,395						2,222	2,112
Tons received during period															13,347
Inventory adjustments															1
Tons burned during period															13,238
Ending balance			827					1,395						2,222	2,222
Cost of ending inventory (\$/ton)			41.07					45.20						43.86	43.86
Fuel Oil Data:															
Beginning balance	91,244	213,648	275,839			39,548	98,373	542,372	9,830,018	237,387	3,986,068	232,410	2,968,560	18,513,467	15,465,738
Gallons received during period	169,358	81,778				2,350,395				148,074				2,749,603	11,204,584
Miscellaneous usage, transfers and adjustments (C)	(6,509)	(11,732)	(648)			(2,960)	(1)	(10)		(24,674)		(929)		(47,290)	(508,087)
Gallons burned during period (D)	195,852	45,785	30,497			2,341,414		46,688	716	71,718		48,315		2,781,158	7,727,593
Ending balance	58,241	237,907	244,894			45,589	98,372	495,674	9,829,302	289,069	3,988,068	183,166	2,968,560	18,434,622	18,434,622
Cost of ending inventory (\$/gal)	2.93	3.12	2.74			2.95	3.06	2.71	1.49	3.02	2.99	3.05	2.47	2.10	2.10
Gas Data: (E)															
Beginning balance															
MCF received during period (F)				2,585,083				41,667	42,625		119,459		805,546	3,594,380	25,916,305
MCF burned during period (F)				2,585,083				41,667	42,625		119,459		805,546	3,594,380	25,916,305
Ending balance															
Cost of ending inventory (\$/mcf)															
Limestone Data:															
Beginning balance	21,982	38,838				27,087				54,362				142,287	104,137
Tons received during period		6,780								19,260				26,040	425,522
Tons consumed during period (A)	2,996	15,888				1,935				13,579				34,398	395,750
Ending balance	18,987	29,728				25,132				60,063				133,909	133,909
Cost of ending inventory (\$/ton)	35.98	33.30				33.22				32.56				33.33	33.33

(A) Twelve months ended includes annual aerial survey adjustment recorded in Dec 2011.

(B) Coal Inventory Ending Balance excludes 0,000 tons and \$0,000 associated with terminals for the current month.

(C) Fuel oil activity includes a transfer from Mill Creek to Lincoln of 0,000 gallons in the current month and 3,305,340 for the twelve months ended. The gallons transferred between the stations net to a zero impact on total gallons transferred.

(D) Total gallons of fuel oil burned includes 173 gallons of diesel fuel oil for on-site standby generators for the month and -7,165 for the twelve months ended. Monthly consumption is reported on a month lag due to timing of data availability.

Offsetting activity for the on-site standby generator consumption is reported as miscellaneous usage, transfers and adjustments.

(E) Gas is burned as received, therefore, inventory balances are not maintained.

(F) Twelve months ended Gas MCF received and burned includes 14,937,088 attributable to combined cycle plant activity.

(G) Cliffside unit 6 was in pre-commercial operations during the current month.

(H) Dan River coal units 1, 2, & 3 were retired April 1, 2012.

Notes:

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

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
 June 2012

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	-	\$ -	\$ -
	CONTRACT	108,114	10,061,137.02	93.06
	ADJUSTMENTS	-	480,768.53	
	TOTAL	108,114	10,541,905.55	97.51
BELEWS CREEK	SPOT	-	-	-
	CONTRACT	259,649	24,152,029.69	93.02
	ADJUSTMENTS	-	2,860,286.87	
	TOTAL	259,649	27,012,316.56	104.03
CLIFFSIDE	SPOT	-	-	-
	CONTRACT	50,540	5,046,906.37	99.86
	ADJUSTMENTS	-	224,344.60	
	TOTAL	50,540	5,271,250.97	104.30
MARSHALL	SPOT	-	-	-
	CONTRACT	245,798	23,810,539.38	96.87
	ADJUSTMENTS	-	421,472.15	
	TOTAL	245,798	24,232,011.53	98.59
ALL PLANTS	SPOT	-	-	-
	CONTRACT	664,100	63,070,612.46	94.97
	ADJUSTMENTS	-	3,986,872.15	
	TOTAL	664,100	\$ 67,057,484.61	\$ 100.97

Duke Energy Carolinas
Analysis of Quality of Coal Received
June 2012

Station	<u>Percent Moisture</u>	<u>Percent Ash</u>	<u>Heat Value</u>	<u>Percent Sulfur</u>
Allen	8.53	10.18	12,006	1.44
Belews Creek	7.00	10.56	12,351	1.22
Cliffside	5.93	12.31	12,191	1.67
Marshall	6.67	10.34	12,464	1.52

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
June 2012

Station	Allen	Belews Creek	Cliffside	Marshall
Vendor	HighTowers	HighTowers	HighTowers	High Towers
Spot / Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0	0	0	0
Gallons Received	169,358	81,776	2,350,395	148,074
Total Delivered Cost	\$ 474,032.72	\$ 231,674.93	\$ 6,687,061.17	\$ 413,460.16
Delivered Cost/Gal	\$ 2.80	\$ 2.83	\$ 2.85	\$ 2.79
BTU/Gallon	137,452	137,781	138,392	137,604

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY
July, 2011 - June, 2012

Plant Name	Generation MWH	Capacity Rating MW	Capacity Factor %	Net Equivalent Availability %
Oconee	20,851,985	2,538	93.53	92.10
McGuire	19,391,440	2,200	100.34	96.01
Catawba	18,647,397	2,258	94.02	91.87

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
July 2011 through June 2012
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	7,815,683	1,110	80.38	93.15
Belews Creek 2	7,230,383	1,110	74.36	84.08

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
July 2011 through June 2012
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	1,549,618	556	31.84	89.36
Marshall 1	947,732	380	28.47	68.79
Marshall 2	1,433,098	380	43.05	86.26
Marshall 3	3,116,238	658	54.06	89.53
Marshall 4	3,703,219	660	64.05	85.83

Note:

This report is limited to capturing units in full months of commercial operations. During the month of June 2012, Cliffside unit 6 began pre-commercial operations with net generation of 1,496 mWh.

**Duke Energy Carolinas
Power Plant Performance Data**

**Twelve Month Summary
July 2011 through June 2012
Other Cycling Coal Units**

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	218,142	162	15.37	95.51
Allen 2	170,585	162	12.02	96.73
Allen 3	687,165	261	30.05	86.90
Allen 4	876,209	276	36.24	88.37
Allen 5	532,558	266	22.85	95.10
Buck 5	186,294	128	16.61	96.03
Buck 6	141,721	128	12.64	96.41
Cliffside 1	-259	38	0.00	100.00
Cliffside 2	-298	38	0.00	100.00
Cliffside 3	-31	61	0.00	100.00
Cliffside 4	-4	61	0.00	0.00
Dan River 1	16,604	67	2.83	98.93
Dan River 2	20,103	67	3.43	99.14
Dan River 3	48,046	142	3.86	91.90
Lee 1	67,129	100	7.66	97.38
Lee 2	68,198	100	7.79	98.71
Lee 3	188,583	170	12.66	97.32
Riverbend 4	55,581	94	6.75	98.68
Riverbend 5	50,607	94	6.15	98.66
Riverbend 6	132,417	133	11.37	99.56
Riverbend 7	135,558	133	11.64	99.18

Note:

Dan River units 1, 2, & 3 were retired April 1, 2012.

**Duke Energy Carolinas
Power Plant Performance Data**

Twelve Month Summary

July, 2011 through June, 2012

Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-84	62	68.52
Buzzard Roost CT	-1,000	176	84.76
Dan River CT	-140	48	93.77
Lee CT	54,651	82	99.11
Lincoln CT	86,314	1,264	97.48
Mill Creek CT	171,814	592	94.41
Riverbend CT	-857	64	99.55
Rockingham CT	651,663	825	77.67

Duke Energy Carolinas
Power Plant Performance
12 Months Ended June 2012

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants:			
Bridgewater	45,066	31.500	68.70
Cedar Creek	103,661	45.000	98.61
Cowans Ford	100,896	325.200	90.57
Dearborn	115,096	42.000	82.26
Fishing Creek	99,077	49.000	92.85
Gaston Shoals	14,763	2.000	43.42
Great Falls	8,460	12.000	95.38
Keowee	51,543	152.000	94.60
Lookout Shoals	71,138	27.900	97.34
Mountain Island	73,728	62.000	98.23
Ninety Nine Island	48,779	6.400	98.97
Oxford	80,745	40.000	99.34
Rhodhiss	48,354	30.000	99.56
Rocky Creek	(162)		8.47
Tuxedo	17,205	6.400	75.13
Wateree	137,422	85.000	92.87
Wylie	92,715	72.000	92.01
Nantahala	198,060	50.000	91.78
Queens Creek	2,835	1.440	98.73
Thorpe	67,969	19.700	83.06
Tuckasegee	6,118	2.500	84.52
Tennessee Creek	32,130	9.800	94.83
Bear Creek	24,401	9.450	100.00
Cedar Cliff	18,004	6.400	99.98
Mission	2,843	0.600	98.22
Franklin	1,360	0.600	85.04
Bryson	1,324	0.480	99.83
Total Conventional	1,463,528		
Pumped Storage Plants:			
Jocassee	986,030	780.000	89.24
Bad Creek	1,879,250	1,360.000	94.99
Subtotal	2,865,280		
Energy for Pumping:			
Jocassee	(1,128,655)		
Bad Creek	(2,379,578)		
Subtotal	(3,508,233)		
Generation less Energy for Pumping			
Jocassee	(142,625)		
Bad Creek	(500,328)		
Total Pumped Storage	(642,953)		

NOTE(S):

Capacity MW amounts varied across the range of time indicated.
The amounts shown represent the capacity effective as of the period end date.

**Duke Energy Carolinas
Power Plant Performance Data**

Schedule 10

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**Twelve Month Summary
July 2011 through June 2012
Combined Cycle Units**

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Buck CC 10	2,074,122	620	38.19	81.98

Note: This report is limited to capturing data beginning the first full month when Buck CC unit 10 was in commercial operation which was December 2011.

Prior months' net generation (mWh) within the twelve month period was as follows:

September 2011: 369 mWh; pre-commercial
October 2011: 1,833 mWh; pre-commercial
November 2011: 12,620 mWh; pre-commercial
November 2011: 20,919 mWh; commercial