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April 1, 2010

VIA ELECTRONIC FILING

Jocelyn Boyd, Interim Chief Clerk of the Commission
Public Service Commission of South Carolina
Post Office Drawer 11649
Columbia, South Carolina 29211

Re: Duke Energy Carolinas, LLC
Docket No. 1989-9-E

Dear Jocelyn:

Pursuant to the Commission's orders enclosed for filing on behalf of Duke Energy Carolinas, LLC are the following:

1. Monthly Fuel Cost Report for February 2010 (Exhibit A); and

2. Base Load Power Plant Performance Report for February 2010 (Exhibit B).

Please let me know if you have any questions.

Yours truly,

ROBINSON, MCFADDEN & MOORE, P.C.

Frank R. Ellerbe, III

FRE/tch

Enclosures

cc: Dan Arnett, ORS Chief of Staff (via email & U.S. Mail)
Jeffrey Nelson, ORS Staff Attorney (via email & U.S. Mail)
John Flitter, ORS (via email & US Mail)
Scott Elliott, Esquire for SC Energy Users Committee (via email & US Mail)
Lara S. Nichols, Associate General Counsel (via email)

Exhibit A
Schedule 1

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT
SC Code Ann. §58-27-865 (Supp. 2009)

Line No.	Fuel Expenses:	February 2010
1	Fuel and fuel-related costs	$ 149,028,281
2	Less fuel expenses (in line 1) recovered through intersystem sales (a)	6,286,063
3	Total fuel and fuel-related costs (line 1 minus line 2)	$ 142,742,218
	MWH sales:	
4	Total system sales.	7,107,096
5	Less intersystem sales	125,451
6	Total sales less intersystem sales	6,981,645
7	Total fuel and fuel-related costs (¢/KWH) (c) (line 3/line 6)	2.0445
8	Current fuel and fuel-related cost component (¢/KWH) (per Schedule 4, Line 2 + Line 8)	1.9652
	Generation Mix (MWH):	
	Fossil (by primary fuel type):	
9	Coal	3,416,701
10	Fuel Oil	(2,326)
11	Natural Gas	(13)
12	Total fossil	3,414,362
13	Nuclear 100%	4,676,536
14	Hydro - Conventional	330,333
15	Hydro - Pumped storage	(31,142)
16	Total hydro	299,191
17	Total MWH generation	8,390,089
18	Less joint owners' portion	1,130,353
19	Adjusted total MWH generation	7,259,736

(a) Line 2 includes:

Fuel from intersystem sales (Schedule 3)	$ 6,237,434
Fuel in loss compensation	48,629
Total fuel recovered from intersystem sales	$ 6,286,063

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2009)

Fuel and fuel-related costs:	February 2010
Steam Generation - FERC Account 501	
0501110 coal consumed - steam	$ 121,874,590
0501222, 0501223 biomass/test fuel consumed	-
0501310 fuel oil consumed - steam	2,061,581
0501330 fuel oil light-off - steam	768,467
Total Steam Generation - Account 501	124,704,638
Environmental Costs	
0509000, 0557451 emission allowance expense	38,242
0502020, 030, 040 reagents expense	1,492,035
Emission allowance gains	(1,485,200)
Total Environmental Costs	45,077
Nuclear Generation - FERC Account 518	
0518100 burnup of owned fuel	18,233,891
0518600 nuclear fuel disposal cost	4,384,663
Total Nuclear Generation - 100%	22,618,554
Less joint owners' portion	5,300,592
Total Nuclear Generation - Account 518	17,317,962
Other Generation - FERC Account 547	
0547100 natural gas consumed	242,034
0547200 fuel oil consumed - CT	21,395
Total Other Generation - Account 547	263,429
Total fossil and nuclear fuel expenses included in base fuel component	142,331,106
Fuel related component of purchased and interchange power per Schedule 3, pages 1 and 2	3,957,530
Fuel related component of purchased power (economic accrual)	2,739,645
Total fuel and fuel-related costs	$ 149,028,281

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2009)

Other fuel expenses not included in fuel and fuel-related costs:	February 2010
Net proceeds from sale of by-products	$ 220,675
0501223 biomass avoided fuel cost excess	-
0518610 spent fuel canisters-accrual	184,357
0518620 canister design expense	12,132
0518700 fuel cycle study costs	95,340
Non-fuel component of purchased and interchanged power	6,131,837
Total other fuel expenses not included in fuel and fuel-related costs:	$ 6,644,340

Total FERC Account 501 - Total Steam Generation	124,704,638
Total FERC Account 518 - Total Nuclear Generation	17,609,790
Total FERC Account 547 - Other Generation	263,429
Total Reagents Expense	1,492,035
Total Gain/Loss from Sale of By-Products	220,675
Total Emission Allowance Expense	38,242
Total Gain/Loss from Sale of Emission Allowances	(1,485,200)
Total Purchased and Interchanged Power Expenses	12,829,012
Total Fuel, Fuel Related and Purchased Power Expenses	$ 155,672,621

Exhibit A

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
FEBRUARY 2010

Purchased Power	Total	Capacity		Non-Capacity		
Marketers, Utilities, Other	$	MW	$	MWH	Fuel $	Non-Fuel $
Alcoa Power Generating Inc.	37,930	-	-	1,190	23,137	14,793
American Electric Power Serv Corp.	5,000	-	-	100	(8,247)	13,247
Associated Electric Cooperative Inc.	8,000	-	-	200	4,880	3,120
Blue Ridge Electric Membership Corp.	2,055,000	86	1,068,174	43,642	601,963	384,863
Cargill Power Marketers LLC	54,767	-	-	1,211	33,408	21,359
Citigroup Energy	36,720	-	-	1,082	22,399	14,321
City of Kings Mtn	8,979	3	8,979	-	-	-
Cobb Electric Membership Corp.	6,475	-	-	185	3,950	2,525
ConocoPhilips Company	2,513	-	-	40	1,533	980
Constellation	57,250	-	-	1,330	34,923	22,327
Haywood Electric	430,359	20	201,565	7,741	139,564	89,230
LGE/KU	18,000	-	-	450	10,980	7,020
Lockhart Power Co.	19,272	7	19,272	-	-	-
MISO	156	-	-	-	95	61
NCEMC load following	9,039	-	-	904	3,586	5,453
NCMPA #1	1,481,677	-	-	40,195	607,318	874,359
Piedmont Electric Membership Corp.	1,049,337	42	543,848	21,185	306,470	197,219
PJM Interconnection LLC	1,196,599	-	-	28,456	729,926	466,673
Progress Energy Carolinas	-	-	-	-	331	(331)
Rutherford Electric Membership Corp.	34,618	-	-	1,457	21,117	13,501
SC Electric & Gas	100	-	-	-	-	100
Southern	8,550	-	-	380	5,216	3,334
SPCO - Rowan	1,367,443	456	1,359,984	-	4,550	2,939
The Energy Authority	1,242,273	-	-	30,389	757,787	484,486
Town of Dallas	584	-	584	-	-	-
Town of Forest City	20,148	7	20,148	-	-	-
TVA	24,050	-	-	500	14,670	9,380
Generation Imbalance	245,326	-	-	4,935	112,311	133,015
Energy Imbalance	223,148	-	-	1,101	136,165	86,983
	$ 9,843,313	621	$3,222,354	188,855	$3,570,032	$ 2,850,927

Exhibit A

Schedule 3
SC, Purchases, Month
Page 2 of 3

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
FEBRUARY 2010

Purchased Power	Total	Capacity		Non-Capacity		
Cogen, Purpa, Small Power Producers	$	MW	$	MWH	Fuel $	Non-Fuel $
203 Neotrantor LLC	43	-	-	1	-	43
Advantage Investment Group, LLC	7,528	-	-	103	-	7,528
AKS Real Estate Holdings LLC	18	-	-	-	-	18
Alamance Hydro, LLC	7,478	-	-	114	-	7,478
Amelia M Collins	8	-	-	-	-	8
Andrews Truss, Inc.	29	-	-	1	-	29
Anna L Reilly	22	-	-	-	-	22
Aquenergy Corp.	220,843	-	-	3,476	-	220,843
Barbara Ann Evans	3,922	-	-	111	-	3,922
Benjouhi Keshguerian	20	-	-	-	-	20
Biomarieux, Inc	452	-	-	7	-	452
Black Hawk Inc	41	-	-	1	-	41
Bruce Marotta	21	-	-	-	-	21
Byron P Matthews	13	-	-	-	-	13
Catawba County	65,952	-	-	1,836	-	65,952
Cherokee County	2,302,153	-	402,805	10,079	463,960	1,415,388
Clark H Mizell	51	-	-	1	-	51
Cliffside Mills LLC	19,372	-	-	272	-	19,372
Converse Energy	38,501	-	-	607	-	38,501
Daniel L Kerns	155	-	-	3	-	155
Dave K Birkhead	9	-	-	-	-	9
David A Ringenburg	24	-	-	-	-	24
David E. Shi	10	-	-	-	-	10
David H Newman	17	-	-	-	-	17
David M Thomas	33	-	-	1	-	33
David W Walters	22	-	-	-	-	22
David Wiener	17	-	-	-	-	17
Decision Support	130	-	-	2	-	130
Delta Products Corp.	133	-	-	2	-	133
Diann M. Barbacci	7	-	-	-	-	7
Earnhardt-Childress Racing Technologies, LLC	285	-	-	5	-	285
Edward W Wilkin	20	-	-	-	-	20
Everett L. Williams	53	-	-	1	-	53
Fogleman Construction, Inc	19	-	-	-	-	19
Frances L. Thomson	31	-	-	1	-	31
Gerald Priebe	16	-	-	-	-	16
Gerald W. Meisner	17	-	-	-	-	17
Greenville Gas Producer, LLC	123,763	-	-	2,174	106,763	17,000
Gwenyth T Reid	17	-	-	-	-	17
H Malcolm Hardy	18	-	-	-	-	18
Haneline Power, LLC	11,352	-	-	152	-	11,352
Haw River Hydro Co	25,790	-	-	757	-	25,790
Hayden-Harman Foundation	8	-	-	-	-	8
Hendrik J Rodenburg	19	-	-	-	-	19
Henry Jay Backer	16	-	-	-	-	16
HMS Holdings Limited Partnership	386	-	-	7	-	386
Holsworth Holdings	3	-	-	-	-	3
Innovative Solar Solutions	25	-	-	1	-	25
Irvine River Company	26,072	-	-	339	-	26,072
Jafasa Farms	79	-	-	1	-	79
James B Sherman	8	-	-	-	-	8
James L Johnson	6	-	-	-	-	6
Jeffery Lynn Pardue	22	-	-	-	-	22
Jerome Levit	8	-	-	-	-	8
Jody Fine	12	-	-	-	-	12
Joel L. Hager	28	-	-	1	-	28
John B Robbins	47	-	-	1	-	47
John H. Dilberti	60	-	-	1	-	60
Keith Adam Smith	11	-	-	-	-	11
Lamar Bailes	25	-	-	1	-	25
Leon's Beauty School, Inc	186	-	-	3	-	186
Linda Alexander	13	-	-	-	-	13
Marilyn M Norfolk	16	-	-	-	-	16
Mark A Powers	7	-	-	-	-	7
Mary K Nicholson	21	-	-	-	-	21
Matthew T. Ewers	15	-	-	-	-	15
Mayo Hydro	60,058	-	-	986	-	60,058
Michael G Hitchcock	47	-	-	1	-	47
Mill Shoals Hydro	5,308	-	-	643	-	5,308
Mr Lawrence B Miller	28	-	-	-	-	28
MP Durham, LLC	110,612	-	-	1,907	93,639	16,973
Northbrook Carolina Hydro	292,822	-	-	4,532	-	292,822
Optima Engineering	54	-	-	1	-	54
Pacifica HOA	32	-	-	1	-	32
Paul G. Keller	19	-	-	-	-	19
Pelzer Hydro Co.	150,804	-	-	2,410	-	150,804
Peter J Jarosak	9	-	-	-	-	9
Philip E Miner	30	-	-	1	-	30
Phillip B. Caldwell	17	-	-	-	-	17
Pickins Mill Hydro LLC	20,219	-	-	276	-	20,219
Pippin Home Designs, Inc	13	-	-	-	-	13
PRS-PK Engines, LLC	143	-	-	3	-	143
R Lawrence Ashe Jr	28	-	-	-	-	28
Rajesh Y Chacko	11	-	-	-	-	11
Rajendra Morey	13	-	-	-	-	13
Ramona L Sherwood	27	-	-	1	-	27
Raylen Vineyards Inc	54	-	-	1	-	54
Ron B Rozzelle	30	-	-	1	-	30
Ronald R Butters	25	-	-	-	-	25
Rousch & Yates Racing Engines, LLC	330	-	-	6	-	330
Russell Von Stein	8	-	-	-	-	8
Salem Energy Systems	115,967	-	-	2,513	-	115,967
Samuel C Province	70	-	-	1	-	70
Scot Friedman	29	-	-	1	-	29
Shawn Slome	10	-	-	-	-	10
South Yadkin Power	8,862	-	-	122	-	8,862
Stanley Chamberlain	26	-	-	-	-	26
Steve Mason Ent., Inc.	42	-	-	4	-	42
Steven Graf	30	-	-	1	-	30
Stewart A Bible	8	-	-	-	-	8
Strates Inc	27	-	-	1	-	27
Sun Capital, Inc	137	-	-	2	-	137
Sun Edison LLC	23,323	-	-	344	16,890	6,433
T.S. Designs, Inc.	48	-	-	1	-	48
The Rocket Shop, LLC	11	-	-	-	-	11
Thomas Knox Worde	11	-	-	-	-	11
Thomas W Bates	26	-	-	-	-	26
Town of Chapel Hill	26	-	-	1	-	26
Town of Lake Lure	61,487	-	-	1,344	-	61,487
W. Jefferson Holt	48	-	-	1	-	48
Wallace & Graham PA	529	-	-	1	-	529
Walter C. McGarvey	7	-	-	-	-	7
William Terry Baker	27	-	-	1	-	27
Yves Naar	30	-	-	1	-	30
Energy Imbalance	(143,121)	-	-	-	(119,401)	(23,720)
	$ 3,563,899	-	$ 402,805	35,170	$ 581,851	$ 2,979,243
TOTAL PURCHASED POWER	$13,207,212	621	$3,625,159	222,025	$4,151,883	$ 6,430,170
INTERCHANGES IN						
Other Catawba Joint Owners	5,435,012	-	-	573,766	3,023,990	2,411,022
Total Interchanges In	5,435,012	-	-	573,766	3,023,990	2,411,022
INTERCHANGES OUT						
Other Catawba Joint Owners	(5,813,151)	(866)	(121,221)	(609,639)	(3,218,283)	(2,473,647)
Catawba- Net Negative Generation	(61)	-	-	(3)	(60)	(1)
Total Interchanges Out	(5,813,212)	(866)	(121,221)	(609,642)	(3,218,343)	(2,473,648)
Net Purchases and Interchange Power	12,829,012	(245)	3,503,938	186,149	3,957,530	5,367,544

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA FUEL FILING
FEBRUARY 2010

SALES	TOTAL CHARGES	CAPACITY MW	CAPACITY $	ENERGY MWH	ENERGY FUEL $	ENERGY NON-FUEL $
Utilities:						
SC Public Service Authority - Emergency	$ 21,918	-	$ -	380	$ 17,614	$ 4,304
Market Based:						
Cargill-Alliant, LLC	232,600	-	-	3,900	169,799	62,801
Cobb Electric Membership Corp	78,310	-	-	1,327	57,147	21,163
ConocoPhillips Company	5,650	-	-	100	5,113	537
Constellation Power Sources	124,475	-	-	2,124	103,618	20,857
Exelon Generation Company	53,625	-	-	975	43,760	9,865
Florida Power Corp.	860,455	-	-	7,500	-	860,455
Merrill Lynch Commodities, Inc.	12,400	-	-	200	7,947	4,453
MISO	11,115	-	-	75	2,881	8,234
Morgan Stanley	10,505	-	-	191	9,229	1,276
NCEMC	(191,492)	-	-	(1,825)	13,830	(205,322)
NCEMC (Generator/Instantaneous)	237,348	25	125,000	1,981	87,688	24,660
NCMPA #1	299,010	50	216,500	1,478	62,910	19,600
NCMPA #1 - Rockingham	157,500	50	157,500	-	-	-
Oglethorpe	17,255	-	-	203	10,375	6,880
PJM Interconnection LLC	4,501,312	-	-	68,134	3,501,958	999,354
Power South Coop	98,300	-	-	1,625	75,252	23,048
Progress Energy Carolinas	(399,197)	-	-	(315)	347,585	(746,782)
SC Electric & Gas Market based	129,500	-	-	700	31,634	97,866
Southern	1,744,418	-	-	25,890	1,206,141	538,277
The Energy Authority	457,922	-	-	7,937	351,979	105,943
TVA	69,300	-	-	1,100	56,175	13,125
Other:						
Generation Imbalance	184,024	-	-	1,771	74,799	109,225
BPM Transmission	(621,973)	-	-	-	-	(621,973)
	$ 8,094,280	125	$ 499,000	125,451	$ 6,237,434	$ 1,357,846

* Sales for resale other than native load priority.

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

Exhibit A
Schedule 4

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
February 2010
SC Code Ann. §58-27-865 (Supp. 2009)

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	668,788,947	442,431,950	638,596,839	1,749,817,736
Base fuel component of recovery						
2	Billed base fuel rate (¢/kWh)	Input	1.9606	1.9606	1.9606	1.9606
3	Billed base fuel expense	L1 * L2 /100	$13,112,276	$8,674,321	$12,520,330	$34,306,927
4	Incurred base fuel rate (¢/kWh)	Input	2.0060	2.0060	2.0060	2.0060
5	Incurred base fuel expense	L1 * L4 / 100	$13,415,906	$8,875,185	$12,810,253	$35,101,344
6	Difference in ¢/kWh (Billed - Incurred)	L2 - L4	(0.0454)	(0.0454)	(0.0454)	(0.0454)
7	Base fuel over/(under) recovery	L1 * L6 / 100	**($303,630)**	**($200,864)**	**($289,923)**	**($794,417)**
	7a Prior period adjustment expense _/1	Input	$0	$0	$0	$0
Environmental component of recovery						
8	Billed rates by class (¢/kWh)	Input	0.0047	0.0058	0.0038	0.0046
9	Billed environmental expense	L8 * L1 / 100	$31,433	$25,661	$24,267	$81,361
10	Incurred rate by class (¢/kWh)	Input	(0.0006)	(0.0008)	(0.0005)	(0.0006)
11	Incurred environmental expense	L10 * L1 / 100	($4,305)	($3,340)	($3,160)	($10,805)
12	Difference in ¢/kWh (Billed - Incurred)	L8 - L10	0.0053	0.0066	0.0043	0.0053
13	Environmental over/(under) recovery	L9 - L11	**$35,738**	**$29,001**	**$27,427**	**$92,166**
	13a Prior period adjustment expense _/1	Input	$0	$0	$0	$0
Economic purchase component of recovery						
14	S.C. kWh sales % by class	L1 / L1T	38.22%	25.28%	36.50%	100.00%
15	Economic purchase accrual	L15T * L14	**($262,405)**	**($173,592)**	**($250,559)**	**($686,555)**
	15a Prior period adjustment expense _/1	Input	$0	$0	$0	
Total over/(under) recovery						
16	Current month	L7 + L13 + L15	**($530,297)**	**($345,454)**	**($513,055)**	**($1,388,806)**
	16a Current month w/adjustments	L16+(7a+13a+15a)	**($530,297)**	**($345,454)**	**($513,055)**	**($1,388,806)**

	17 Cumulative over / (under) recovery	Cumulative	Residential	Commercial	Industrial	Total Company
	Balance ending May 2009 _/2	47,830,080				
_/1	June	49,160,373	405,693	390,768	533,832	1,330,293
	July	54,300,863	1,872,165	1,548,042	1,720,283	5,140,490
	August	55,827,421	592,687	458,734	475,137	1,526,558
_/1	September	62,729,558	2,231,657	2,020,534	2,649,946	6,902,137
	October	63,384,306	158,746	201,004	294,998	654,748
	November	61,153,190	(620,334)	(629,338)	(981,444)	(2,231,116)
	December	62,513,765	438,959	337,314	584,302	1,360,575
_/1	January	61,037,749	(613,821)	(389,605)	(472,590)	(1,476,016)
	February	59,648,943	(530,297)	(345,454)	(513,055)	(1,388,806)
	March					
	April					
	May					

_/1 Prior period adjustments recalculated using appropriate period sales; therefore, detail calculations not shown.

_/2 May 2009 ending balance shown is net of GRT and further reflects the economic purchase adjustment for review period ended 5/31/2009 (pending commission's approval in Sept 2009).

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
February 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Catawba Nuclear	Cliffside Steam	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 February 2010
Cost of Fuel Received																	
Coal (E) (I)	$14,071,228	$37,288,470	$0			$7,237,137	$0	$0		$26,369,396				$0		$84,966,232	$1,293,675,926
Fuel Oil	93,552	2,143,857	-	-		77,147	(949)	-	-	231,996		-		190,671	-	2,736,274	14,505,112
Gas			372	-			350	4,334	4,000			-		600	232,378	242,034	5,941,486
Total	$14,164,780	$39,432,326	$372	$0		$7,314,285	($599)	$4,334	$4,000	$26,601,393		$0		$191,271	$232,378	$87,944,540	1,314,122,524
Received (¢/MBTU) Avg																	
Coal	394.37	406.30				359.84				351.57						381.75	367.87
Fuel Oil	1,490.15	1,506.28	-	-		1,482.75	-	-	-	1,489.64		-		1,438.70	-	1,498.21	1,375.55
Gas			-	-			-	426.57	-			-		-	-	INF.	396.36
Weighted Average	396.29	423.10	-	-		362.73	-	426.57	-	353.93		-		1,443.23	-	391.89	370.99
Cost of Fuel Burned($) (D)																	
Coal (F) (I)	$22,670,893	$40,770,391	$4,003,646			$8,101,454	$1,872,181	$3,574,976		$35,629,017				$5,252,031		$121,874,589	$1,251,735,176
Fuel Oil	74,572	1,988,378	107,656	-		100,966	73,220	113,862	-	203,247		-		189,543	-	2,851,444	15,107,043
Gas			372	-			350	4,334	4,000			-		600	232,378	242,034	5,941,486
Nuclear					6,563,877						7,276,847		8,777,831			22,618,555	272,224,141
Total	$22,745,465	$42,758,769	$4,111,674	$0	$6,563,877	$8,202,420	$1,945,751	$3,693,172	$4,000	$35,832,264	$7,276,847	$0	$8,777,831	$5,442,174	$232,378	$147,586,622	$1,545,007,846
Burned (¢/MBTU) Avg																	
Coal	380.95	408.30	385.42			369.25	348.22	343.77		332.69				357.74		370.13	356.71
Fuel Oil	1,218.50	1,507.24	1,595.14	-		1,482.83	1,649.10	1,522.63	-	1,485.40		-		1,421.61	-	1,496.55	1,394.80
Gas			-	-			-	426.57	-			-		-	-	INF.	396.36
Nuclear					47.07						46.56		50.75			48.26	46.71
Weighted Average	381.81	422.63	393.27	-	47.07	372.70	356.89	352.26	-	334.16	46.56	-	50.75	387.36	-	184.51	165.01
Generated (¢/kWh) Avg																	
Coal	3.69	3.82	4.23			3.68	3.97	3.67		3.13				3.88		3.57	3.42
Fuel Oil	-	-	(B)	(B)		-	(B)	(B)	(B)	-		(B)		(B)	(B)	(B)	(B)
Gas			-	-			-	(B)	-			-		-	-	(B)	4.91
Nuclear					0.47						0.47		0.51			0.48	0.47
Weighted Average	3.70	4.01	4.34	(B)	0.47	3.72	4.13	3.79	(B)	3.14	0.47	(B)	0.51	4.03	(B)	1.82	1.64
Burned MBTU's																	
Coal	5,951,114	9,985,459	1,038,766			2,194,014	540,749	1,039,922		10,709,509				1,468,108		32,927,641	350,914,280
Fuel Oil (H)	6,120	131,922	6,749	-		6,809	4,440	7,478	-	13,683		-		13,333	-	190,534	1,083,100
Gas			-	-			-	1,016	-			-		-	-	1,016	1,499,019
Nuclear					13,945,237						15,629,014		17,296,937			46,871,188	582,813,399
Total	5,957,234	10,117,381	1,045,515	-	13,945,237	2,200,823	545,189	1,048,416	-	10,723,192	15,629,014	-	17,296,937	1,481,441	-	79,990,379	936,309,797
Net Generation (mWh)																	
Coal (G)	615,041	1,066,563	94,658			220,429	47,131	97,535		1,140,125				135,219		3,416,701	36,627,986
Fuel Oil	-	-	(26)	(136)		-	(48)	(18)	(994)	-		(411)		(88)	(605)	(2,326)	(10,279)
Gas			-	-			-	(13)	-			-		-	-	(13)	121,125
Nuclear					1,399,749						1,554,693		1,722,094			4,676,536	57,582,318
Total	615,041	1,066,563	94,632	(136)	1,399,749	220,429	47,083	97,504	(994)	1,140,125	1,554,693	(411)	1,722,094	135,131	(605)	8,090,898	94,321,150
Cost of Reagents Burned ($)																	
Ammonia		299,402				44,602				-						344,004	5,823,857
Limestone	212,959	(35,716)								530,707						707,950	12,976,271
Urea	93,340		-			326,954				19,786						440,081	4,132,575
Organic Acid	-	-				-				-						-	-
Total	306,299	263,686	-			371,557				550,494						1,492,035	22,932,704

(A) Detail amounts may not add to totals shown due to rounding.
(B) Cents/kWh not computed when costs and/or net generation is negative.
(C) Fuel costs based on recoverability unless otherwise noted. Data reflected at 100% ownership.
(D) Cost of fuel burned excludes $38,242 associated with emission allowance expense for the month and $660,939 for the twelve months ended.
(E) Fuel received includes 0,000 tons and $0,000 associated with Biomass (wood product) test fuel at Buck & Lee for the month, as well as 5,168 tons and $149,396 for the twelve months ended.
(F) Fuel burned includes 0,000 tons and $0,000 associated with Biomass (wood product) test burn at Buck & Lee for the month, as well as 5,169 tons and $149,396 for the twelve months ended.
(G) Net generation (MWH) includes 0,000 MWH associated with the co-burn of Biomass (wood product) at Buck & Lee for the month and 3,539 MWH for the twelve months ended. The 12ME Jan10 MWH has been updated for prior period adjustments.
(H) Twelve months ended November 2009 forward reflects corrections to the fuel oil MBTUs and the associated data for the months of Feb09, Mar09, and Apr09 .
(I) Twelve months ended December 2009 forward reflects a change to fuel cost and associated data for coal/biomass in Sep09.

Exhibit A
Schedule 5

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
February 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME February 2010
Coal Data:														
Beginning balance	609,048	1,420,233	178,531		295,343	86,302	171,347		774,243		264,139		3,799,187	3,092,917
Tons received during period (E)	151,948	375,147	-		81,294	-	-		303,047		-		911,436	14,280,877
Moisture adjustments	11,920	3,060	1,087		1,855	734	1,552		2,180		999		23,188	(11,680)
Tons burned during period (B) (F)	250,168	409,712	45,000		91,295	23,547	44,060		432,759		62,242		1,358,780	13,987,082
Ending balance	522,749	1,388,728	134,619		286,998	63,489	128,840		646,712		202,897		3,375,032	3,375,032
MBTUs per ton burned	23.79	24.37	23.08		24.03	22.97	23.60		24.75		23.59		24.23	25.09
Cost of ending inventory ($/ton)	94.29	99.29	88.26		88.23	78.59	80.16		82.05		83.97		91.79	91.79
Fuel Oil Data:														
Beginning balance	208,463	131,079	463,048	1,536,309	67,100	200,144	560,789	8,741,986	264,810	3,940,704	249,595	2,254,372	18,618,399	19,264,998
Gallons received during period	45,474	1,036,344	-	-	37,665	-	-	-	112,848	-	93,264	-	1,325,595	7,636,102
Miscellaneous usage, transfers and adjustments	3,502	(10,661)	(1,938)	-	(2,627)	(839)	(3,572)	-	(20,031)	-	(2,295)	-	(38,461)	(535,987)
Gallons burned during period	44,324	960,569	48,713	-	49,301	32,114	54,093	-	99,145	-	93,833	-	1,382,092	7,841,672
Ending balance	213,115	196,193	412,397	1,536,309	52,837	167,191	503,124	8,741,986	258,482	3,940,704	246,731	2,254,372	18,523,441	18,523,441
Cost of ending inventory ($/gal)	2.07	2.08	2.21	0.79	2.05	2.28	2.09	1.60	2.05	1.25	2.02	2.34	1.60	1.60
Gas Data: (C)														
Beginning balance														
MCF received during period			-	-		-	997	-		-	-	-	997	1,445,849
MCF burned during period			-	-		-	997	-		-	-	-	997	1,445,849
Ending balance														
Cost of ending inventory ($/mcf)														
Limestone Data:														
Beginning balance	7,382	8,085							33,083				48,550	100,956
Tons received during period	5,844	-							20,473				26,317	406,483
Tons burned during period (B)	6,870	(1,566)							19,773				25,077	457,650
Ending balance	6,357	9,650							33,782				49,789	49,789
Cost of ending inventory ($/ton)	30.99	22.81							26.84				26.59	26.59

(A) Detail amounts may not add to totals shown due to rounding.
(B) Twelve months ended includes aerial survey adjustment(s) reflected in the tons burned and cost of inventory lines for coal and limestone.
(C) Gas is burned as received; therefore, inventory balances are not maintained.
(E) Fuel received includes 0,000 tons and $0,000 associated with Biomass (wood product) test fuel at Buck & Lee for the month, as well as 5,168 tons and $149,396 for the twelve months ended.
(F) Fuel burned includes 0,000 tons and $0,000 associated with Biomass (wood product) test burn at Buck & Lee for the month, as well as 5,169 tons and $149,396 for the twelve months ended.
(H) Twelve months ended December 2009 forward reflects a change for the correct placement of an inventory adjustment made in September 2009.

Exhibit A
Schedule 6

SCHEDULE 7

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
February 2010

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	-	$ -	$ -
	CONTRACT	151,948	13,581,254.94	89.38
	ADJUSTMENTS	-	489,973.14	-
	TOTAL	151,948	14,071,228.08	92.61
BELEWS CREEK	SPOT	-	-	-
	CONTRACT	375,147	35,425,300.09	94.43
	ADJUSTMENTS	-	1,863,169.84	-
	TOTAL	375,147	37,288,469.93	99.40
BUCK	SPOT	-	-	-
	CONTRACT	-	-	-
	ADJUSTMENTS	-	-	-
	TOTAL	-	-	-
CLIFFSIDE	SPOT	-	-	-
	CONTRACT	81,294	7,079,038.14	87.08
	ADJUSTMENTS	-	158,099.31	-
	TOTAL	81,294	7,237,137.45	89.02
DAN RIVER	SPOT	-	-	-
	CONTRACT	-	-	-
	ADJUSTMENTS	-	-	-
	TOTAL	-	-	-
LEE	SPOT	-	-	-
	CONTRACT	-	-	-
	ADJUSTMENTS	-	-	-
	TOTAL	-	-	-
MARSHALL	SPOT	-	-	-
	CONTRACT	303,047	25,775,826.69	85.06
	ADJUSTMENTS	-	593,569.68	-
	TOTAL	303,047	26,369,396.37	87.01
RIVERBEND	SPOT	-	-	-
	CONTRACT	-	-	-
	ADJUSTMENTS	-	-	-
	TOTAL	-	-	-
ALL PLANTS	SPOT	-	-	-
	CONTRACT	911,436	81,861,419.86	89.82
	ADJUSTMENTS	-	3,104,811.97	-
	TOTAL	911,436	$ 84,966,231.83	$ 93.22

SCHEDULE 8

Duke Energy Carolinas
Analysis of Quality of Coal Received
Feb-10

Station	Percent Moisture	Percent Ash	Heat Value	Percent Sulfur
Allen	8.12	12.86	11,741	0.91
Belews Creek	7.34	10.98	12,232	0.93
Buck	-	-	-	-
Cliffside	6.83	10.95	12,370	0.92
Dan River	-	-	-	-
Lee	-	-	-	-
Marshall	6.59	11.05	12,375	1.16
Riverbend	-	-	-	-

Schedule 9

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
February 2010

Station	Allen	Belews Creek	Belews Creek	Cliffside	Dan River	Marshall	Riverbend
Vendor	HighTowers	HighTowers	Eden/Rentz	HighTowers	HighTowers	High Towers	HighTowers
Spot / Contract	Contract	Contract	Spot	Contract	Contract	Contract	Contract
Sulfur Content %	0	0	0	0	0.03	0.02	0.02
Gallons Received	45,474	1,005,753	30,591	37,665	-	112,848	93,264
Total Delivered Cost	$ 93,551.63	$ 2,081,003.19	$ 62,853.36	$ 77,147.25	$ (949.30)	$ 231,996.28	$ 190,671.32
Delivered Cost/Gal	$ 2.06	$ 2.07	$ 2.05	$ 2.05	#DIV/0!	$ 2.06	$ 2.04
BTU/Gallon	138,063	137,337	137,337	138,151	138,267	138,010	142,097

Exhibit A
Schedule 9

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

March,2009 - February,2010

Plant Name	Generation MWH	Capacity Rating MW	Capacity Factor %	Net Equivalent Availability %
Oconee	20,848,163	2,538	93.77	91.75
McGuire	18,990,378	2,200	98.54	94.87
Catawba	17,743,777	2,258	89.71	87.70

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
March 2009 through February 2010
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	7,084,840	1,110	72.86	81.31
Belews Creek 2	7,447,601	1,110	76.59	90.08

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
March 2009 through February 2010
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	3,272,210	562	66.47	88.47
Marshall 1	1,758,921	380	52.84	84.99
Marshall 2	1,638,968	380	49.24	87.01
Marshall 3	4,840,675	658	83.98	90.50
Marshall 4	4,609,605	660	79.73	89.35

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
March 2009through February 2010
Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	380,908	165	26.39	95.73
Allen 2	307,106	165	21.28	95.88
Allen 3	1,097,134	265	47.32	94.33
Allen 4	1,107,809	280	45.22	88.65
Allen 5	1,111,902	270	47.07	93.81
Buck 3	21,597	75	3.29	98.32
Buck 4	10,190	38	3.06	98.47
Buck 5	220,881	128	19.70	97.21
Buck 6	242,612	128	21.64	90.78
Cliffside 1	9,117	38	2.74	96.76
Cliffside 2	10,633	38	3.19	96.81
Cliffside 3	24,206	61	4.53	96.13
Cliffside 4	24,631	61	4.61	95.50
Dan River 1	33,010	67	5.62	93.99
Dan River 2	39,605	67	6.75	95.00
Dan River 3	155,724	142	12.52	90.87
Lee 1	89,866	100	10.26	91.40
Lee 2	101,053	100	11.54	90.58
Lee 3	358,537	170	24.08	93.63
Riverbend 4	70,411	94	8.55	94.86
Riverbend 5	82,816	94	10.06	95.88
Riverbend 6	229,740	133	19.72	90.93
Riverbend 7	245,678	133	21.09	90.29

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
March,2009 through February,2010
Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-376	88	100.00
Buzzard Roost CT	-1,365	196	100.00
Dan River CT	-358	79	69.92
Lee CT	305	82	98.75
Lincoln CT	4,447	1,264	99.55
Mill Creek CT	432	592	98.49
Riverbend CT	-984	111	69.97
Rockingham CT	108,745	825	96.43

Duke Energy Carolinas

Power Plant Performance

12 Months Ended FEBRUARY 2010

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	72,062	23.000	96.04
Cedar Creek	179,857	45.000	97.98
Cowans Ford	216,712	325.000	97.52
Dearborn	176,340	42.000	96.65
Fishing Creek	192,693	49.000	96.89
Gaston Shoals	17,744	4.600	58.75
Great Falls	14,339	24.000	47.48
Keowee	67,392	157.500	98.58
Lookout Shoals	108,913	27.000	92.80
Mountain Island	153,262	62.000	96.61
Ninety Nine Island	73,596	18.000	63.06
Oxford	133,166	40.000	93.51
Rhodhiss	80,649	30.500	97.81
Rocky Creek	2,946	28.000	-
Tuxedo	16,612	6.400	65.71
Wateree	293,063	85.000	97.27
Wylie	195,353	72.000	97.54
Nantahala	224,028	50.000	95.27
Queens Creek	5,102	1.440	94.80
Thorpe	100,840	19.700	95.49
Tuckasegee	8,633	2.500	93.58
Tennessee Creek	46,336	9.800	98.75
Bear Creek	37,726	9.450	98.74
Cedar Cliff	28,064	6.380	98.74
Mission	1,672	1.800	71.85
Franklin	(8)	1.040	91.92
Bryson	570	1.040	58.08
Dillsboro	-	0.230	50.00
Total Conventional	2,447,662		
Pumped Storage Plants			
Jocasee	932,816	730.000	83.71
Bad Creek	1,889,446	1,360.000	92.83
Total	2,822,262		
Less Energy for Pumping			
Jocasee	(1,124,729)		
Bad Creek	(2,386,362)		
Total	(3,511,091)		
Total Pumped Storage			
Jocassee	(191,913)		
Bad Creek	(496,916)		
Total	(688,829)		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: February, 2010

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	None					
	2	None					
	3	None					
McGuire	1	None					
	2	None					
Catawba	1	02/18/2010-02/23/2010	130.70	UNSCHEDULED	HOT LEG RESISTANCE TEMPERATURE DETECTOR PIPING REPAIR	1A REACTOR COOLANT SYSTEM HOT LEG THEMOCOUPLE SEALWELD PINHOLE LEAK	WELD REPAIR OF THE THERMO-WELL SEAL WELD.
	2	None					

Duke Energy Carolinas
Base Load Power Plant Performance
Review Plan

February 2010
Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
02	2/3/2010 2:22:00 PM To 2/5/2010 2:30:00 AM	Unsch	1080	ECONOMIZER LEAKS	economizer tube leak	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
02	2/6/2010 6:02:00 AM To 2/7/2010 3:49:00 PM	Unsch	9270	WET COAL (OMC)	wet coal	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
01	2/6/2010 4:21:00 PM To 2/7/2010 2:11:00 AM	Unsch	9270	WET COAL (OMC)	coal flows,wet coal	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
01	2/7/2010 2:11:00 AM To 2/8/2010 12:21:00 AM	Unsch	4199	OTHER INTERMEDIATE PRESSURE	h.p turb. temp	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
02	2/7/2010 3:49:00 PM To 2/11/2010 6:12:00 AM	Unsch	4261	TURBINE CONTROL VALVES	unit 2 hp turbine, #2 and #4 valves will not open,#8 gov. valve was broke	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
01	2/8/2010 12:21:00 AM To 2/8/2010 1:00:00 PM	Unsch	0640	STARTUP BYPASS SYSTEM VALVES	1 cr8	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
01	2/8/2010 1:00:00 PM To 2/9/2010 1:52:00 PM	Unsch	1000	BOILER TUBE WATERWALL (FURNACE WALL)	water wall ,leak	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
02	2/11/2010 8:06:00 AM To 2/11/2010 11:05:00 AM	Unsch	9270	WET COAL (OMC)	wet coal causing massive amounts of coal flows	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
02	2/26/2010 11:50:00 PM To	Sch	1999	BOILER, MISCELLANEOUS	boiler and turbine outage	

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
February,2010
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	672		672		672	
(C1) Net Gen (MWH) and Capacity Factor	583730	102.68	563360	99.09	575004	101.14
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	286	0.05	0	0.00	207	0.04
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-15504	-2.73	5152	0.91	-6699	-1.18
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	568512	100.00 %	568512	100.00 %	568512	100.00 %
(I) Equivalent Availability		99.95		96.13		97.70
(J) Output Factor		102.68		99.09		101.14
(K) Heat Rate		10,080		10,060		9,992

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
February,2010
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	672		672	
(C1) Net Gen (MWH) and Capacity Factor	774710	104.80	779983	105.52
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-35510	-4.80	-40783	-5.52
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	739200	100.00 %	739200	100.00 %
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		104.80		105.52
(K) Heat Rate		10,086		10,020

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
February,2010
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	672		672	
(C1) Net Gen (MWH) and Capacity Factor	612878	80.78	786871	103.71
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	326	0.04	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	147560	19.45	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-2076	-0.27	-28183	-3.71
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	758688	100.00 %	758688	100.00 %
(I) Equivalent Availability		78.49		100.00
(J) Output Factor		100.29		103.71
(K) Heat Rate		10,026		9,914

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

February 2010

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	672	672
(C1) Net Generation (mWh)		
(C1) Capacity Factor	0.00	0.00
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	53,465
(D1) Scheduled Outages: percent of Period Hrs	0.00	7.17
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	0
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	77,164	176,803
(E1) Forced Outages: percent of Period Hrs	10.34	23.70
(E2) Net mWh Not Generated due to Partial Forced Outages	29,438	9,902
(E2) Forced Derates: percent of Period Hrs	3.95	1.33
(F) Net mWh Not Generated due to Economic Dispatch	639,318	505,749
(F) Economic Dispatch: percent of Period Hrs	85.71	67.80
(G) Net mWh Possible in Period	745,920	745,920
(H) Equivalent Availability	85.71	67.80
(I) Output Factor (%)	0.00	0.00
(J) Heat Rate (BTU/NkWh)	#Error	#Error

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

February 2010
Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	672	672	672	672
(C1) Net Generation (mWh)	163,092	207,077	372,710	397,246
(D) Net mWh Possible in Period	255,360	255,360	442,176	443,520
(E) Equivalent Availability	80.36	91.80	88.06	92.84
(F) Output Factor (%)	87.47	87.65	90.11	94.88
(G) Capacity Factor	63.87	81.09	84.29	89.57

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

February 2010
Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	562
(B)	Period Hrs	672
(C1)	Net Generation (mWh)	209,753
(D)	Net mWh Possible in Period	377,664
(E)	Equivalent Availability	62.00
(F)	Output Factor (%)	89.17
(G)	Capacity Factor	55.54

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
March,2009 - February,2010
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	6313667	85.19	7572995	102.19	6961501	93.94
(D1) Net MWH Not Gen Due To Full Scheduled Outages	826500	11.15	0	0.00	541863	7.31
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	24315	0.33	912	0.01	-2266	-0.03
(E1) Net MWH Not Gen Due To Full Forced Outages	329703	4.45	0	0.00	65607	0.89
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-83225	-1.12	-162947	-2.20	-155745	-2.11
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability		84.09		99.69		91.47
(J) Output Factor		100.94		102.19		102.32
(K) Heat Rate		10,236		10,104		10,099

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
March,2009 - February,2010
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	9985114	103.62	9005264	93.45
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	897600	9.32
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	1015	0.01	45382	0.47
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	40128	0.42
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-350129	-3.63	-352374	-3.66
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9636000	100.00 %	9636000	100.00 %
(I) Equivalent Availability		99.92		89.83
(J) Output Factor		103.62		103.53
(K) Heat Rate		10,192		10,130

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
March,2009 - February,2010
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8831158	89.29	8912619	90.12
(D1) Net MWH Not Gen Due To Full Scheduled Outages	1043975	10.56	1113149	11.26
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	29354	0.30	42902	0.43
(E1) Net MWH Not Gen Due To Full Forced Outages	147560	1.49	45702	0.46
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-162007	-1.64	-224332	-2.27
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9890040	100.00 %	9890040	100.00 %
(I) Equivalent Availability		87.48		87.91
(J) Output Factor		101.53		102.08
(K) Heat Rate		10,076		10,029

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

March 2009 through February 2010

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)		
(C1) Capacity Factor	0.00	0.00
(D1) Net mWh Not Generated due to Full Scheduled Outages	1,553,075	328,949
(D1) Scheduled Outages: percent of Period Hrs	15.97	3.38
(D2) Net mWh Not Generated due to Partial Scheduled Outages	41,544	17,864
(D2) Scheduled Derates: percent of Period Hrs	0.23	0.18
(E1) Net mWh Not Generated due to Full Forced Outages	164,483	592,574
(E1) Forced Outages: percent of Period Hrs	1.69	6.09
(E2) Net mWh Not Generated due to Partial Forced Outages	56,753	25,452
(E2) Forced Derates: percent of Period Hrs	0.58	0.26
(F) Net mWh Not Generated due to Economic Dispatch	7,907,744	8,758,761
(F) Economic Dispatch: percent of Period Hrs	81.33	90.08
(G) Net mWh Possible in Period	9,723,600	9,723,600
(H) Equivalent Availability	81.31	90.08
(I) Output Factor (%)	0.00	0.00
(J) Heat Rate (BTU/NkWh)	#Error	#Error

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

March 2009 through February 2010

Marshall Steam Station

		Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A)	MDC (mWh)	380	380	658	660
(B)	Period Hrs	8,760	8,760	8,760	8,760
(C1)	Net Generation (mWh)	1,758,921	1,638,968	4,840,675	4,609,605
(D)	Net mWh Possible in Period	3,328,800	3,328,800	5,764,080	5,781,600
(E)	Equivalent Availability	84.99	87.01	90.50	89.35
(F)	Output Factor (%)	78.02	77.20	91.01	88.81
(G)	Capacity Factor	52.84	49.24	83.98	79.73

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

March 2009 through February 2010

Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	562
(B)	Period Hrs	8,760
(C1)	Net Generation (mWh)	3,272,210
(D)	Net mWh Possible in Period	4,923,120
(E)	Equivalent Availability	88.47
(F)	Output Factor (%)	81.19
(G)	Capacity Factor	66.47

DUKE ENERGY CAROLINAS

Outages for 100MW or Larger Units

February,2010

	Unit	MW	Full Outage Hours		
			Scheduled	Unscheduled	Total
Oconee	1	846	0.00	0.00	0.00
	2	846	0.00	0.00	0.00
	3	846	0.00	0.00	0.00
McGuire	1	1100	0.00	0.00	0.00
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	130.70	130.70
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas

Outages for 100 mW or Larger Units

February 2010

Unit Name	Capacity Rating (mW)	Full Outage Hours Scheduled	Full Outage Hours Unscheduled	Total Outage Hours
Allen 1	162	0.00	0.00	0.00
Allen 2	162	35.50	0.00	35.50
Allen 3	261	0.00	0.00	0.00
Allen 4	276	37.50	0.00	37.50
Allen 5	266	36.00	0.00	36.00
Belews Creek 1	1,110	0.00	69.52	69.52
Belews Creek 2	1,110	48.17	159.28	207.45
Buck 5	128	0.00	62.92	62.92
Buck 6	128	4.97	111.43	116.40
Cliffside 5	562	219.10	34.35	253.45
Dan River 3	142	75.00	0.00	75.00
Lee 1	100	0.00	0.00	0.00
Lee 2	100	0.00	0.00	0.00
Lee 3	170	0.00	0.00	0.00
Marshall 1	380	0.00	126.03	126.03
Marshall 2	380	0.00	50.30	50.30
Marshall 3	658	0.00	43.43	43.43
Marshall 4	660	0.00	37.62	37.62
Riverbend 6	133	77.90	29.25	107.15
Riverbend 7	133	14.65	0.00	14.65
Rockingham CT1	165	0.00	0.00	0.00
Rockingham CT2	165	0.00	0.00	0.00
Rockingham CT3	165	0.00	0.00	0.00
Rockingham CT4	165	3.93	0.00	3.93
Rockingham CT5	165	0.00	0.00	0.00