

# Progress Energy Carolinas Designated Network Resources

December 30, 2009

## DNRs Located Inside CPL Balancing Authority Territory For Serving PEC Native Load

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Total Installed Capacity (MW)</u>	<u>Amount of Capacity Designated as a Network Resource (MW) Serving Native Load Customers</u>
				<u>(See Notes)</u>
Asheville Coal Unit #1	Arden, NC	CPLW	191	188.627
Asheville Coal Unit #2	Arden, NC	CPLW	185	182.702
Asheville C.T. Unit #3	Arden, NC	CPLW	164	158.012
Asheville C.T. Unit #4	Arden, NC	CPLW	160	164.925
Blewett Hydro Units #1-6	Lilesville, NC	CPLE	22	21.727
Blewett C.T. Units # 1-4	Lilesville, NC	CPLE	52	51.354
Brunswick Nuclear Unit # 1	Southport, NC	CPLE	938	756.484
Brunswick Nuclear Unit # 2	Southport, NC	CPLE	920	741.670
Cape Fear Coal Unit # 5	Moncure, NC	CPLE	144	142.211
Cape Fear Coal Unit # 6	Moncure, NC	CPLE	172	169.863
Cape Fear C.T. Units # 1A, 1B	Moncure, NC	CPLE	33	31.602
Cape Fear C.T. Units # 2A, 2B	Moncure, NC	CPLE	33	31.602
Darlington C.T. Units # 1	Hartsville, SC	CPLE	52	51.354
Darlington C.T. Units # 2	Hartsville, SC	CPLE	52	51.354
Darlington C.T. Units # 3	Hartsville, SC	CPLE	50	51.354
Darlington C.T. Units # 4	Hartsville, SC	CPLE	51	50.366
Darlington C.T. Units # 5	Hartsville, SC	CPLE	52	51.354
Darlington C.T. Units # 6	Hartsville, SC	CPLE	51	50.366
Darlington C.T. Units # 7	Hartsville, SC	CPLE	52	51.354
Darlington C.T. Units # 8	Hartsville, SC	CPLE	49	48.391
Darlington C.T. Units # 9	Hartsville, SC	CPLE	52	51.354
Darlington C.T. Units # 10	Hartsville, SC	CPLE	52	51.354
Darlington C.T. Units # 11	Hartsville, SC	CPLE	52	51.354
Darlington C.T. Units # 12	Hartsville, SC	CPLE	118	116.534
Darlington C.T. Units # 13	Hartsville, SC	CPLE	116	114.559
Harris Nuclear Unit #1	New Hill, NC	CPLE	900	744.633
Lee Coal Units # 1	Goldsboro, NC	CPLE	74	73.081
Lee Coal Units # 2	Goldsboro, NC	CPLE	77	76.043
Lee Coal Units # 3	Goldsboro, NC	CPLE	246	242.944
Lee C.T. Units # 1	Goldsboro, NC	CPLE	12	11.851
Lee C.T. Units # 2-4	Goldsboro, NC	CPLE	63	62.217
Marshall Hydro Units # 1,2	Marshall, NC	CPLW	4	4.938
Mayo Coal Unit # 1	Roxboro, NC	CPLE	727	614.273
Morehead City C.T. Unit	Newport, NC	CPLE	12	11.851
Richmond C.T. Plant Unit # 1	Hamlet, NC	CPLE	162	159.987
Richmond C.T. Plant Unit # 2	Hamlet, NC	CPLE	167	159.000
Richmond C.T. Plant Unit # 3	Hamlet, NC	CPLE	169	160.975
Richmond C.T. Plant Unit # 4	Hamlet, NC	CPLE	163	160.975
Richmond C.T. Plant Unit # 6	Hamlet, NC	CPLE	159	157.025
Richmond C.T. Plant Units # 7,8, HR	Hamlet, NC	CPLE	470	473.049
Robinson Coal Unit # 1	Hartsville, SC	CPLE	177	171.838
Robinson C.T. Unit	Hartsville, SC	CPLE	15	14.814
Robinson Nuclear Unit # 2	Hartsville, SC	CPLE	724	701.179
Roxboro Coal Unit # 1	Roxboro, NC	CPLE	369	364.416
Roxboro Coal Unit # 2	Roxboro, NC	CPLE	662	653.776
Roxboro Coal Unit # 3	Roxboro, NC	CPLE	693	686.366
Roxboro Coal Unit # 4	Roxboro, NC	CPLE	698	600.447
Sutton Coal Units # 1	Wilmington, NC	CPLE	97	91.845
Sutton Coal Units # 2	Wilmington, NC	CPLE	104	102.708
Sutton Coal Units # 3	Wilmington, NC	CPLE	403	397.993
Sutton C.T. Unit # 1	Wilmington, NC	CPLE	11	10.863
Sutton C.T. Units # 2A, 2B	Wilmington, NC	CPLE	50	47.404
Tillery Hydro Units # 1-4	Mount Gilead, NC	CPLE	87	87.894
Walters Hydro Units # 1-3	Haywood County, NC	CPLW	112	110.609
Wayne C.T. Unit # 1	Goldsboro, NC	CPLE	177	174.801
Wayne C.T. Unit # 2	Goldsboro, NC	CPLE	174	171.838
Wayne C.T. Unit # 3	Goldsboro, NC	CPLE	173	170.851
Wayne C.T. Unit # 4	Goldsboro, NC	CPLE	170	167.888
Wayne C.T. Unit # 5	Goldsboro, NC	CPLE	169	158.012
Weatherspoon Coal Unit # 1	Lumberton, NC	CPLE	48	47.404
Weatherspoon Coal Unit # 2	Lumberton, NC	CPLE	48	48.391
Weatherspoon Coal Unit # 3	Lumberton, NC	CPLE	75	74.068
Weatherspoon C.T. Unit # 1	Lumberton, NC	CPLE	33	32.590

Weatherspoon C.T. Unit # 2	Lumberton, NC	CPL	32	31,602
Weatherspoon C.T. Unit # 3	Lumberton, NC	CPL	34	33,578
Weatherspoon C.T. Unit # 4	Lumberton, NC	CPL	32	32,590
<b>Total CPL Owned Capacity</b>			<b>12,585</b>	<b>11,730</b>

**Non Utility Owned DNRs inside CPL Control Area**

Stone Container CoGen	Florence County, SC	CPL	20	19,834
New Hanover County Waste Generator	New Hanover County, NC	CPL	7	6,942
Coastal Carolina Clean Power, LLC	Duplin County, NC	CPL	25	24,793
Southport CoGen	Brunswick County, NC	CPL	86	85,288
Roxboro CoGen	Person County, NC	CPL	47	46,611
Other Small CoGens	various	CPL	11	10,909

**Total Control Area DNR Resources 11,925**

**DNRs Located Outside CPL Control Area Serving PEC Native Load**

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Installed Capacity (MW)</u>	<u>Designated Network Resource Capacity (MW)</u>
Broad River C.T. Units #1-5	Cherokee County, SC	DUKE	808	808.000
Rowan County Plant	Rowan County, NC	DUKE	450	150.000
SEPA Cumberland Hydro Plant	Cumberland River Basin, TN	TVA	14	2.000
SEPA Kerr Dam Plant	Mecklenburg County, VA	PJM	95	19.000
Rowan County Plant	Rowan County, NC	DUKE	450	150.000

**Total PEC Resources 13,054**

**DNR MW Termination 0**  
**Network Customer DNR Un-Designation Amount 2,459**

**Total DNR Resources Available for Native Load and Off System Sales 10,595**

**DNRs Serving PEC's Network Customers' Load**

**North Carolina Eastern Municipal Power Agency (NCEMPA)**

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Harris Unit 1	Wake County, NC	CPL	146
Brunswick Unit 1	Brunswick County, NC	CPL	172
Brunswick Unit 2	Brunswick County, NC	CPL	169
Mayo Unit 1	Person County, NC	CPL	120
Roxboro Unit 4	Person County, NC	CPL	90
Contract with SEPA - Kerr Dam	Mecklenburg County, VA	PJM	28
Contract with Progress Energy Carolinas	CPL Control Area	CPL	796
Contract with Town of Edenton & Elizabeth City	NE North Carolina	PJM	8
Total DNR			1,529

**North Carolina Electric Membership Corporation (NCEMC)**

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Contract with AEP	PJM Control Area	PJM	205
Contract with AEP	PJM Control Area	PJM	100
Contract with Progress Energy Carolinas	CPL Control Area	CPL	870
Contract with Progress Energy Carolinas	CPL Control Area	CPL	75
Contract with Progress Energy Carolinas	CPL Control Area	CPL	100
Contract with SCE&G	SCE&G Control Area	SCEG	150
Catawba Generation	Duke Control Area	DUKE	25
Contract with SEPA - Kerr Dam	Mecklenburg County, VA	PJM	41
ANSON County Generation	Anson County, NC	CPL	287
Contract with Progress Energy Carolinas	CPL Control Area	CPL	100
Hamlet Generation Plant	Richmond Co., NC	CPL	219
Total DNR			2,172

**Public Works Commission of the City of Fayetteville, NC**

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Fayetteville PWC Generation	Cumberland County, NC	CPL	225

Contract with Progress Energy	CPL Control Area	CPL	228
Contract with SEPA - Kerr Dam	Mecklenburg County, VA	PJM	5
		Total DNR	458

### French Broad EMC

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Contract with Progress Energy Carolinas	CPL Control Area	CPLW	110
FBEMC Capitola Hydro	Madison County, NC	CPLW	3
Contract with SEPA - Cumberland Project	Cumberland River Basin, TN	TVA	8
		Total DNR	121

### Town of Sharpsburg, NC

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Contract with Progress Energy Carolinas	CPL Control Area	CPL	6

### Town of Black Creek, NC

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Contract with Progress Energy Carolinas	CPL Control Area	CPL	3

### Town of Lucama, NC

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Contract with Progress Energy Carolinas	CPL Control Area	CPL	5

### Town of Stantonsburg, NC

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Contract with Progress Energy Carolinas	CPL Control Area	CPL	6

### City of Seneca, SC

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Contract with Progress Energy Carolinas	CPL Control Area	CPL	24
Contract with SEPA	Duke	DUKE	2
Customer owned generation	Seneca, SC	DUKE	9
		Total DNR	35

### Town of Waynesville, NC

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Contract with Progress Energy Carolinas	CPL Control Area	CPLW	19
Contract with SEPA - Cumberland Project	Cumberland River Basin, TN	TVA	2
		Total DNR	21

### Town of Winterville, NC

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Contract with Progress Energy Carolinas	CPL Control Area	CPL	13

### City of Camden, SC

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Contract with Progress Energy Carolinas	CPL Control Area	CPL	48

### Piedmont EMC

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Contract with NCEMC	CPL Control Area	CPL	15
Contract with SEPA - Kerr Dam	Mecklenburg County, VA	PJM	1
Contract with Progress Energy Carolinas	CPL Control Area	CPL	18
		Total DNR	34

## Haywood EMC

<u>Resource Name</u>	<u>Geographic Location</u>	<u>Control Area</u>	<u>Designated Network Resource Capacity (MW)</u>
Contract with NCEMC	CPL Control Area	CPLW	15
Contract with SEPA - Cumberland Project	Cumberland River Basin, TN	TVA	2
Contract with Progress Energy Carolinas	CPL Control Area	CPLW	38
		Total DNR	55

### Notes: DNR un-Designations for Off-System Sales

Note 1: Plant MW undesignations for 150 MW off-system sale to NCEMC

Asheville Plant	-8.734
Blewett Plant	-0.919
Brunswick Plant	-18.846
Cape Fear Plant	-4.721
Darlington Plant	-9.951
Harris Plant	-9.367
Lee Plant	-5.864
Marshall Plant	-0.062
Mayo Plant	-7.727
Morehead Plant	-0.149
Richmond County Plant	-15.989
Robinson Plant	-11.169
Roxboro Plant	-28.996
Sutton Plant	-8.187
Tillery Plant	-1.106
Walters Plant	-1.391
Wayne County Plant	-10.610
Weatherspoon Plant	-3.777
Non-Utility Plant	-1.623