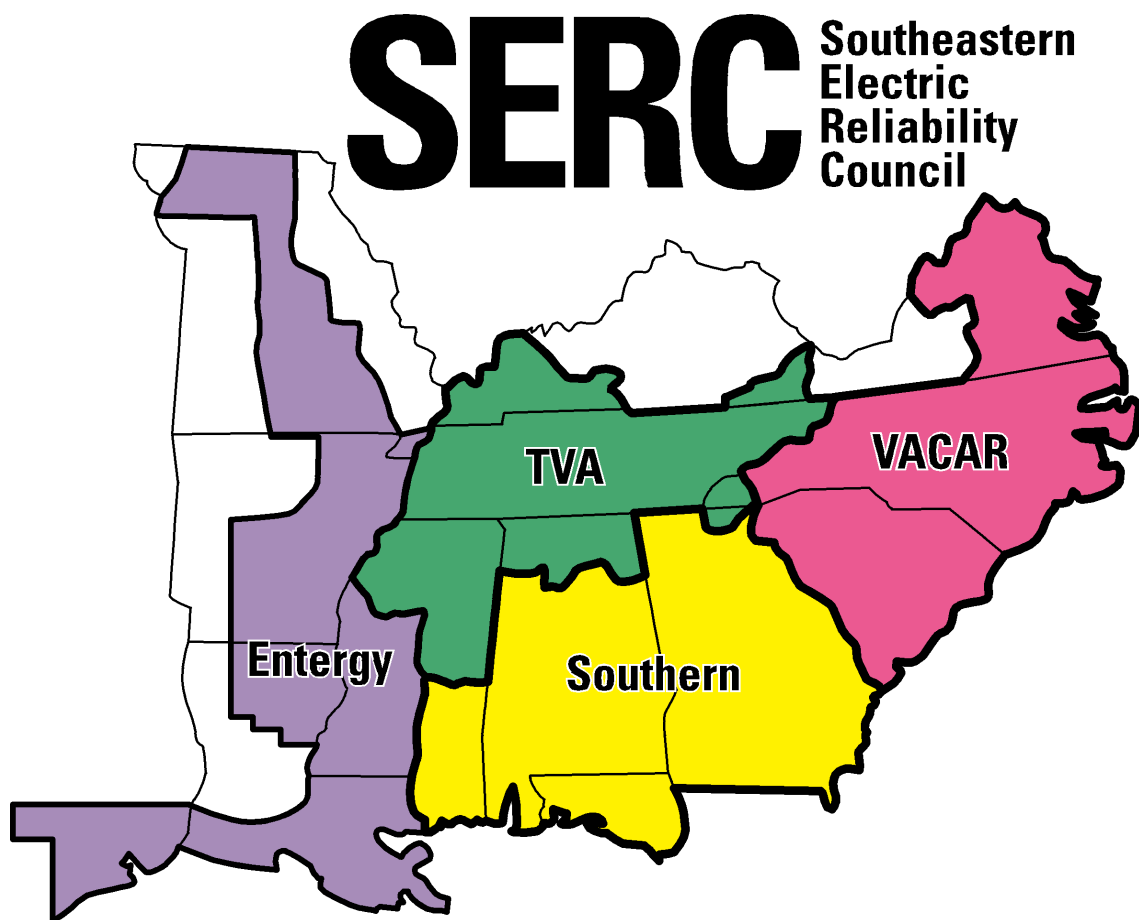


SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

REGIONAL ELECTRICITY SUPPLY & DEMAND PROJECTIONS (EIA-411)



2003 - 2012

July 31, 2003

July 31, 2003

Mr. Brian M. Nolan
North American Electric Reliability Council
Princeton Forrestal Village
116-390 Village Boulevard
Princeton, NJ 08540-5731

Dear Brian:

SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL
REGIONAL ELECTRICITY SUPPLY & DEMAND PROJECTIONS (EIA-411)
(2003-2012)

Enclosed is a copy of the Southeastern Electric Reliability Council (SERC) report, "Regional Electricity Supply & Demand Projections" for the period 2003-2012. This data has been provided by member systems of the SERC Region. Two copies are being mailed to each of the affected State Public Service Commissions. It is our understanding that NERC will provide Department of Energy organizational units appropriate copies of this data.

Any questions about this document should be addressed to:

James N. Maughn, Administrative Manager
Southeastern Electric Reliability Council
P. O. Box 2641/12N-8250
Birmingham, AL 35291
Telephone: (205) 257-6361

Sincerely,

James N. Maughn
Administrative Manager SERC

enclosure

**Southeastern Electric Reliability Council
Regional Electricity Supply and Demand Projections
(EIA-411)**

July 2003

INTRODUCTION

The Southeastern Electric Reliability Council (SERC) continues to observe guidelines in keeping with the goals and objectives stated in the SERC organizational agreement. These guidelines include (1) reporting load forecasts based on a uniform 60-minute integrated net peak demand under average weather conditions; (2) rating of generating units on a uniform-test basis of dependable value assured as attainable under expected weather conditions; and (3) local area criteria and specific standards and supplements for use in system planning to minimize the possibility of cascading outages of bulk power supply resources and facilities. SERC's specific Guidelines were developed in 1972, revised in 1995, and effective April 1, 2003, superseded by the NERC Planning Standards and SERC Supplements to the Standards. These Supplements are posted on the SERC website for downloading as necessary (www.serc1.org).

Caution must be exercised in utilizing the load forecasts in this document since peak loads are highly weather sensitive and there is a high probability that peaks in excess of those estimated will be experienced should above-normal (in summer) or below-normal (in winter) temperatures occur. Member systems of SERC continue to use anticipated normal weather as a basis for load forecasts in accordance with NERC guidelines.

Since SERC covers such a large geographical area with wide ranges of temperatures, a significant time diversity of peak loads may exist among its Member systems. Thus, the summation of peak loads by seasons may not reflect the actual regional peaks.

The plans for future generating capacity within the region are also uncertain. The tabulations in this report of future projects, particularly in the second half of the reporting period, do not necessarily indicate a committed course of action. Uncertainties in market conditions, financing issues, availability of sites, availability and cost of usable fuel, demand-side management programs, environmental restrictions, regulatory action, identification and availability of non-utility generation, contractual arrangements, and other significant factors contribute to a generation forecast that must be continually reevaluated moving forward in order to have the best possible courses of action in place with acceptable alternative plans

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SERC REGION

- Demand and Energy (Monthly) -

SERC Region	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002 Actual Demand	131,754	132,318	129,910	135,176	131,824	150,232	157,332	156,788	149,616	134,171	114,186	127,621
2002 Actual NEL	69,131	60,876	63,765	61,838	66,591	75,504	84,081	83,222	72,333	64,782	62,652	70,541
2003 Forecast Demand	138,158	128,898	118,735	109,587	128,983	147,593	157,005	155,633	141,319	114,102	116,224	127,425
2003 Forecast NEL	73,427	62,936	64,241	60,441	67,325	75,019	83,925	83,078	70,026	63,794	62,034	69,691
2004 Forecast Demand	136,714	130,628	120,365	112,424	131,412	151,253	160,978	159,548	145,357	116,240	119,548	130,351
2004 Forecast NEL	73,483	65,086	65,533	61,677	68,491	76,895	85,982	85,238	72,027	65,522	63,847	71,355

- Demand and Energy (Annual) -

SERC Region	actual	forecast									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Annual											
NEL Annual	835,319	835,937	855,136	876,274	893,761	911,871	930,453	948,036	967,939	985,353	1,004,025
Summer											
Internal Demand	157,332	157,005	160,978	165,391	168,746	172,498	176,350	180,209	184,295	188,259	192,176
Standby Demand	0	0	0	0	0	0	0	0	0	0	0
Total Internal Demand	157,332	157,005	160,978	165,391	168,746	172,498	176,350	180,209	184,295	188,259	192,176
Load Management	346	883	877	871	868	864	861	859	856	855	854
Interruptible Demand	3,962	4,679	4,691	4,484	4,363	4,233	4,189	4,102	3,975	3,915	3,905
Net Internal Demand	153,024	151,443	155,410	160,037	163,515	167,401	171,300	175,248	179,465	183,489	187,417
Winter											
Internal Demand	138,858	136,714	141,511	143,927	143,919	150,215	153,297	156,495	159,366	161,727	164,812
Standby Demand	0	0	0	0	0	0	0	0	0	0	0
Total Internal Demand	138,858	136,714	141,511	143,927	143,919	150,215	153,297	156,495	159,366	161,727	164,812
Load Management	453	458	466	472	478	486	494	500	508	517	524
Interruptible Demand	3,888	4,264	4,249	4,128	3,998	3,954	3,867	3,739	3,531	3,395	3,255
Net Internal Demand	134,517	131,992	136,797	139,328	139,442	145,775	148,937	152,256	155,327	157,815	161,033

- Capacity -

SERC Region	Summer										
	actual	forecast									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Existing Capacity Resources	164,979	165,987	169,270	171,261	174,022	174,250	175,099	175,907	176,125	177,760	179,392
Committed Planned Resources	440	3,021	2,885	3,692	1,228	1,661	1,492	736	1,483	1,487	1,001
Total Committed Resources	165,419	169,007	172,155	174,953	175,250	175,911	176,591	176,643	176,858	177,497	177,893
Distributed Generation, 1MW or Greater	154	154	154	154	154	154	154	154	154	154	154
Other Capacity, 1 megawatt or greater	21,294	21,236	21,436	22,004	22,254	22,254	22,734	22,734	23,214	23,694	23,694
Distributed Generation, Less than 1MW	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, less than 1 megawatt	0	0	0	0	0	0	0	0	0	0	0
Uncommitted Planned Resources	350	150	0	945	1,245	1,577	1,862	3,378	4,567	5,795	6,339
Total Resources	165,768	169,156	172,154	175,897	176,494	177,487	178,452	180,020	181,424	183,291	184,231
Nuclear	32,018	32,197	32,239	32,490	32,620	32,799	32,799	32,799	32,799	32,799	32,799
Hydro	12,081	12,093	12,106	12,130	12,161	12,185	12,209	12,229	12,248	12,271	12,288
Pumped Storage	7,145	7,161	7,204	7,231	7,258	7,285	7,312	7,339	7,339	7,339	7,339
Geothermal	0	0	0	0	0	0	0	0	0	0	0
Steam (Coal)	69,776	69,360	69,448	69,466	69,495	70,089	70,093	70,093	69,268	68,822	68,619
Steam (Oil)	1,818	1,818	1,818	1,818	1,818	1,775	1,775	1,775	1,775	1,775	1,775
Steam (Gas)	7,780	7,420	7,420	7,313	7,504	7,504	7,504	7,504	7,504	7,504	7,504
Steam (Dual Fuel)	7,553	7,553	7,553	7,553	7,553	7,553	7,553	7,553	7,553	7,553	7,553
Combustion Turbine (Oil)	2,217	1,998	1,998	1,998	1,998	1,998	1,998	1,998	1,998	1,998	1,998
Combustion Turbine (Gas)	5,778	6,998	7,755	7,840	7,925	8,012	8,102	8,289	8,337	8,540	8,626
Combustion Turbine (Dual Fuel)	10,180	10,747	10,747	11,047	10,851	10,876	11,166	11,193	11,343	11,493	11,933
Combined Cycle (Oil)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Gas)	6,210	7,930	9,248	11,593	11,593	11,593	12,073	12,073	12,553	13,033	13,033
Combined Cycle (Dual Fuel)	2,802	3,669	4,544	4,544	4,544	4,544	4,544	4,976	5,408	5,840	5,840
Other Capacity	413	214	76	876	1,176	1,276	1,326	2,201	3,301	4,326	4,926
Inoperable Capacity	1,454	1,454	1,454	1,454	1,454	389	389	389	389	389	389
Net Operable Capacity	164,315	167,703	170,701	174,444	175,041	177,099	178,064	179,632	181,036	182,903	183,843
Capacity Purchases	10,645	12,743	12,849	13,835	14,413	14,842	16,081	17,275	17,830	17,210	17,799
Full Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
Capacity Sales	3,009	3,202	3,154	2,206	2,907	2,807	2,774	2,774	1,201	941	941
Full Responsibility Sales	0	0	0	0	0	0	0	0	0	0	0
Adjustment	-125	-210	-295	-380	-380	-380	-380	-380	-380	-380	-380
Net Capacity Resources	171,826	177,034	180,101	185,693	186,167	188,754	190,991	193,753	197,285	198,792	200,321

- Capacity -

SERC Region	Winter										
	actual	forecast									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Existing Capacity Resources	167,864	170,588	174,353	174,290	177,683	178,329	178,759	179,379	180,238	181,993	183,744
Committed Planned Resources	786	2,425	2,676	3,724	1,646	1,201	1,225	1,004	1,483	1,487	1,001
Total Committed Resources	168,650	173,013	177,029	178,014	179,329	179,530	179,984	180,383	180,971	181,730	182,245
Distributed Generation, 1MW or Greater	154	154	154	154	154	154	154	154	154	154	154
Other Capacity, 1 megawatt or greater	21,400	21,340	21,539	22,107	22,347	22,347	22,827	22,827	23,307	23,787	23,787
Distributed Generation, Less than 1MW	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, less than 1 megawatt	0	0	0	0	0	0	0	0	0	0	0
Uncommitted Planned Resources	150	0	800	1,245	1,345	1,668	2,069	3,603	4,967	6,025	4,540
Total Resources	168,800	173,013	177,829	179,259	180,674	181,198	182,053	183,986	185,938	187,755	186,785
Nuclear	32,507	32,615	32,657	32,891	33,004	33,193	33,193	33,193	33,193	33,193	33,193
Hydro	11,711	11,721	11,727	11,750	11,781	11,805	11,830	11,850	11,869	11,892	11,909
Pumped Storage	7,145	7,161	6,937	6,964	6,991	7,018	7,045	7,072	7,339	7,339	7,339
Geothermal	0	0	0	0	0	0	0	0	0	0	0
Steam (Coal)	70,579	70,093	70,161	70,204	71,398	71,402	71,406	71,406	70,581	70,135	69,932
Steam (Oil)	1,906	1,835	1,835	1,835	1,835	1,792	1,792	1,792	1,792	1,792	1,792
Steam (Gas)	7,540	7,444	7,444	7,337	7,518	7,518	7,518	7,518	7,518	7,518	7,518
Steam (Dual Fuel)	7,538	7,540	7,539	7,539	7,539	7,539	7,539	7,539	7,539	7,539	7,539
Combustion Turbine (Oil)	2,771	2,740	2,740	2,740	2,740	2,740	2,740	2,740	2,740	2,740	2,740
Combustion Turbine (Gas)	5,053	6,383	7,035	7,120	7,205	7,292	7,382	7,571	7,605	7,813	7,899
Combustion Turbine (Dual Fuel)	12,358	12,741	12,741	13,066	12,750	12,936	13,040	13,335	13,485	13,635	14,116
Combined Cycle (Oil)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Gas)	6,289	8,624	11,172	11,672	11,672	11,672	12,152	12,152	12,632	13,112	13,112
Combined Cycle (Dual Fuel)	3,190	4,052	4,965	4,965	4,965	4,965	4,965	5,517	6,069	6,621	6,621
Other Capacity	213	64	876	1,176	1,276	1,326	1,451	2,301	3,576	4,426	3,076
Inoperable Capacity	1,454	1,454	1,454	1,454	1,454	389	389	389	389	389	389
Net Operable Capacity	167,346	171,559	176,375	177,805	179,220	180,809	181,664	183,597	185,549	187,366	186,396
Capacity Purchases	10,011	10,509	11,086	11,367	11,414	11,362	12,004	12,375	13,053	12,343	12,100
Full Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
Capacity Sales	3,037	3,173	3,204	2,874	2,774	2,724	2,724	2,704	2,704	2,444	2,444
Full Responsibility Sales	0	0	0	0	0	0	0	0	0	0	0
Adjustment	-125	-210	-295	-380	-380	-380	-380	-380	-380	-380	-380
Net Capacity Resources	174,195	178,685	183,962	185,918	187,480	189,067	190,564	192,888	195,518	196,885	195,672

Utilities

Entergy Subregion

utility name	eia utility code	state
Associated Electric Cooperative, Inc.	924	MO
Entergy Arkansas	814	TX
Entergy Gulf States	7806	TX
Entergy Louisiana	11241	TX
Entergy Mississippi	12685	TX
Entergy New Orleans	13478	TX
Louisiana Generating, LLC	2777	LA
LSP Energy Limited Partnership	11282	MS
System Energy Resources	12465	MS

Southern Subregion

utility name	eia utility code	state
Alabama Electric Cooperative, Inc.	189	AL
Alabama Power Company	195	AL
Crisp County Power Commision	4538	GA
Georgia Power Company	7140	GA
Gulf Power Company	7801	FL
Mississippi Power Company	12686	MS
Municipal Electric Authority	13100	GA
Savannah Electric & Power Company	16687	GA
South Mississippi Electric Power Associatio	17568	MS
Southern Power Company	17650	GA
USCE - Mobile District	27813	AL

TVA Subregion

utility name	eia utility code	state
APGI - Tapoco Division	18443	TN
Tennessee Valley Authority	18642	TN
USCE - Nashville District	19462	TN

VACAR Subregion

utility name	eia utility code	state
APGI - Yadkin Division	27721	NC
Carolina Power & Light	3046	SC
Dominion Virginia Power	19876	VA
Duke Power Company	5416	NC
Fayetteville Public Works Comm	6235	NC
North Carolina Electric Membership Corp.	13683	NC
North Carolina Municipal Power Agency 1	13630	NC
Old Dominion Electric Cooperative, Inc.	40229	VA
South Carolina Electric & Gas Company	17539	SC
South Carolina Generating Co Inc	17554	SC
South Carolina Public Service Authority	17543	SC
USCE - Savannah District	19375	GA
USCE - Wilmington District	18574	VA

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ENTERGY

- Demand and Energy (Monthly) -

Entergy Subregion	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002 Actual Demand	21,849	20,682	20,680	20,500	22,051	24,416	25,489	26,000	24,964	22,508	17,949	20,100
2002 Actual NEL	11,485	10,098	11,002	10,828	11,857	13,084	14,495	14,435	12,764	11,132	10,360	11,271
2003 Forecast Demand	19,125	18,571	18,468	18,324	21,285	23,747	25,349	26,002	23,180	18,674	17,612	19,340
2003 Forecast NEL	11,073	9,760	10,480	10,288	11,671	12,761	14,313	14,262	11,960	10,403	9,726	10,944
2004 Forecast Demand	18,838	18,232	17,709	18,970	21,152	24,564	26,245	26,865	23,907	18,426	18,255	19,968
2004 Forecast NEL	11,068	9,949	10,423	10,208	11,623	13,201	14,700	14,693	12,298	10,682	10,056	11,233

- Demand and Energy (Annual) -

Entergy Subregion	actual	forecast									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<u>Annual</u>											
NEL Annual	142,813	137,642	140,133	141,864	143,562	145,874	148,651	149,871	152,645	155,515	158,524
<u>Summer</u>											
Internal Demand	26,000	26,170	26,878	27,219	27,474	27,897	28,372	28,769	29,281	29,817	30,315
Standby Demand	0	0	0	0	0	0	0	0	0	0	0
Total Internal Demand	26,000	26,170	26,878	27,219	27,474	27,897	28,372	28,769	29,281	29,817	30,315
Load Management	30	30	30	30	30	30	30	30	30	30	30
Interruptible Demand	1,117	778	778	656	656	656	643	643	643	643	643
Net Internal Demand	24,853	25,362	26,070	26,533	26,788	27,211	27,699	28,096	28,608	29,144	29,642
<u>Winter</u>											
Internal Demand	21,093	19,641	20,158	20,150	20,407	21,029	21,331	21,590	21,977	22,087	22,789
Standby Demand	0	0	0	0	0	0	0	0	0	0	0
Total Internal Demand	21,093	19,641	20,158	20,150	20,407	21,029	21,331	21,590	21,977	22,087	22,789
Load Management	0	0	0	0	0	0	0	0	0	0	0
Interruptible Demand	13	13	13	13	13	0	0	0	0	0	0
Net Internal Demand	21,080	19,628	20,145	20,137	20,394	21,029	21,331	21,590	21,977	22,087	22,789

- Capacity -

Entergy Subregion	Summer										
	<i>actual</i>	<i>forecast</i>									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Existing Capacity Resources	27,250	27,570	27,512	27,712	28,280	28,530	28,530	29,010	29,010	29,490	29,970
Committed Planned Resources	0	-58	200	568	250	0	480	0	480	480	0
Total Committed Resources	27,250	27,512	27,712	28,280	28,530	28,530	29,010	29,010	29,490	29,970	29,970
Distributed Generation, 1MW or Greater	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, 1 megawatt or greater	21,294	21,236	21,436	22,004	22,254	22,254	22,734	22,734	23,214	23,694	23,694
Distributed Generation, Less than 1MW	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, less than 1 megawatt	0	0	0	0	0	0	0	0	0	0	0
Uncommitted Planned Resources	0	0	0	0	0	87	177	266	355	443	529
Total Resources	27,249	27,511	27,711	28,279	28,529	28,616	29,186	29,275	29,844	30,412	30,498
Nuclear	4,780	4,794	4,794	4,862	4,862	4,862	4,862	4,862	4,862	4,862	4,862
Hydro	70	70	70	70	70	70	70	70	70	70	70
Pumped Storage	0	0	0	0	0	0	0	0	0	0	0
Geothermal	0	0	0	0	0	0	0	0	0	0	0
Steam (Coal)	6,226	6,226	6,226	6,226	6,226	6,226	6,226	6,226	6,226	6,226	6,226
Steam (Oil)	0	0	0	0	0	0	0	0	0	0	0
Steam (Gas)	6,775	6,703	6,703	6,703	6,953	6,953	6,953	6,953	6,953	6,953	6,953
Steam (Dual Fuel)	7,376	7,376	7,376	7,376	7,376	7,376	7,376	7,376	7,376	7,376	7,376
Combustion Turbine (Oil)	68	68	68	68	68	68	68	68	68	68	68
Combustion Turbine (Gas)	824	1,144	1,144	1,144	1,144	1,231	1,321	1,410	1,499	1,587	1,673
Combustion Turbine (Dual Fuel)	236	236	236	236	236	236	236	236	236	236	236
Combined Cycle (Oil)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Gas)	488	488	688	1,188	1,188	1,188	1,668	1,668	2,148	2,628	2,628
Combined Cycle (Dual Fuel)	407	407	407	407	407	407	407	407	407	407	407
Other Capacity	0	0	0	0	0	0	0	0	0	0	0
Inoperable Capacity	0	0	0	0	0	0	0	0	0	0	0
Net Operable Capacity	27,250	27,512	27,712	28,280	28,530	28,617	29,187	29,276	29,845	30,413	30,499
Capacity Purchases	1,056	2,554	2,514	2,644	2,273	2,578	2,363	2,648	2,528	2,413	2,753
Full Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
Capacity Sales	525	455	405	195	195	195	195	195	175	175	175
Full Responsibility Sales	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	0	0	0	0	0	0	0	0
Net Capacity Resources	27,781	29,611	29,821	30,729	30,608	31,000	31,355	31,729	32,198	32,651	33,077

- Capacity -

Entergy Subregion	Winter										
	<i>actual</i>	<i>forecast</i>									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Existing Capacity Resources	27,676	27,676	27,616	27,815	28,983	29,223	29,223	29,703	29,703	30,183	30,663
Committed Planned Resources	0	-60	199	568	240	0	480	0	480	480	0
Total Committed Resources	27,676	27,616	27,815	28,383	29,223	29,223	29,703	29,703	30,183	30,663	30,663
Distributed Generation, 1MW or Greater	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, 1 megawatt or greater	21,400	21,340	21,539	22,107	22,347	22,347	22,827	22,827	23,307	23,787	23,787
Distributed Generation, Less than 1MW	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, less than 1 megawatt	0	0	0	0	0	0	0	0	0	0	0
Uncommitted Planned Resources	0	0	0	0	0	87	177	266	355	443	529
Total Resources	27,676	27,616	27,815	28,383	29,223	29,310	29,880	29,969	30,538	31,106	31,192
Nuclear	4,832	4,842	4,842	4,910	4,910	4,910	4,910	4,910	4,910	4,910	4,910
Hydro	63	63	63	63	63	63	63	63	63	63	63
Pumped Storage	0	0	0	0	0	0	0	0	0	0	0
Geothermal	0	0	0	0	0	0	0	0	0	0	0
Steam (Coal)	6,255	6,255	6,255	6,255	6,855	6,855	6,855	6,855	6,855	6,855	6,855
Steam (Oil)	0	0	0	0	0	0	0	0	0	0	0
Steam (Gas)	6,799	6,727	6,727	6,727	6,967	6,967	6,967	6,967	6,967	6,967	6,967
Steam (Dual Fuel)	7,361	7,363	7,362	7,362	7,362	7,362	7,362	7,362	7,362	7,362	7,362
Combustion Turbine (Oil)	70	70	70	70	70	70	70	70	70	70	70
Combustion Turbine (Gas)	1,146	1,146	1,146	1,146	1,146	1,233	1,323	1,412	1,501	1,589	1,675
Combustion Turbine (Dual Fuel)	244	244	244	244	244	244	244	244	244	244	244
Combined Cycle (Oil)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Gas)	488	488	688	1,188	1,188	1,188	1,668	1,668	2,148	2,628	2,628
Combined Cycle (Dual Fuel)	418	418	418	418	418	418	418	418	418	418	418
Other Capacity	0	0	0	0	0	0	0	0	0	0	0
Inoperable Capacity	0	0	0	0	0	0	0	0	0	0	0
Net Operable Capacity	27,676	27,616	27,815	28,383	29,223	29,310	29,880	29,969	30,538	31,106	31,192
Capacity Purchases	1,071	2,369	2,279	2,479	2,123	2,323	2,323	2,423	2,473	2,423	2,473
Full Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
Capacity Sales	595	455	195	195	195	145	145	125	50	50	50
Full Responsibility Sales	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	0	0	0	0	0	0	0	0
Net Capacity Resources	28,152	29,530	29,899	30,667	31,151	31,488	32,058	32,267	32,961	33,479	33,615

Existing Generators

Entergy Subregion

Associated Electric Cooperative, Inc. (924)

Chouteau (7757)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	CT	NG	175.6	165.0	165.0	2000	OK	Mayes	74362
2	OP	S	CT	NG	175.6	165.0	165.0	2000	OK	Mayes	74362
3	OP	S	CA	NG	181.9	165.0	170.0	2000	OK	Mayes	74362

Essex (7749)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	121.2	107.4	112.6	1999	MO	Stoddard	63846

Holden (7848)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	121.0	121.0	121.0	2002	MO	Johnson	64040
2	OP	S	GT	NG	121.0	121.0	121.0	2002	MO	Johnson	64040
3	OP	S	GT	NG	121.0	121.0	121.0	2002	MO	Johnson	64040

New Madrid (2167)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	SUB	600.0	580.0	580.0	1972	MO	New Madrid	63869
2	OP	S	ST	SUB	600.0	580.0	580.0	1977	MO	New Madrid	63869

Nodaway (7754)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	103.7	91.4	113.7	1999	MO	Nodaway	64434
2	OP	S	GT	NG	103.7	91.4	113.7	1999	MO	Nodaway	64434

Existing Generators

Entergy Subregion

Associated Electric Cooperative, Inc. (924)

St Francis (7604)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	CS	NG	289.0	225.0	242.0	1999	MO	Dunklin	63933
2	OP	J	CS	NG	289.0	225.0	242.0	2001	MO	Dunklin	63933

Thomas Hill (2168)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	SUB	180.0	175.0	175.0	1966	MO	Randolph	65244
2	OP	S	ST	SUB	285.0	275.0	275.0	1969	MO	Randolph	65244
3	OP	S	ST	SUB	670.0	670.0	670.0	1982	MO	Randolph	65244

Unionville (6563)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	DFO	23.0	22.5	22.5	1976	MO	Putnam	72315
2	OP	S	GT	DFO	23.0	22.5	22.5	1976	MO	Putnam	72315

Entergy Arkansas (814)

Arkansas Nuclear One (8055)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NUC	902.0	846.0	859.0	1974	AR	Pope	72801
2	OP	S	ST	NUC	1076.0	1005.0	1018.0	1980	AR	Pope	72801

Existing Generators

Entergy Subregion

Entergy Arkansas (814)

Carpenter (166)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	28.0	29.0	27.0	1930	AR	Garland	71901
2	OP	S	HY	WAT	28.0	30.0	27.0	1930	AR	Garland	71901

Cecil Lynch (167)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
2	OP	S	ST	NG	69.0	60.0	60.0	1949	AR	Pulaski	72117
3	OP	S	ST	NG	156.3	110.0	110.0	1954	AR	Pulaski	72117
4	OP	S	IC	DFO	5.8	5.0	5.0	1967	AR	Pulaski	72117

Hamilton Moses (168)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	69.0	68.0	68.0	1951	AR	St. Francis	72335
2	OP	S	ST	NG	69.0	70.0	70.0	1951	AR	St. Francis	72335

Harvey Couch (169)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	26.6	23.0	23.0	1943	AR	Lafayette	71860
2	OP	S	ST	NG	156.3	125.0	125.0	1954	AR	Lafayette	71860

Independence (6641)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	SUB	850.0	815.0	836.0	1983	AR	Independence	72562
2	OP	J	ST	SUB	850.0	842.0	842.0	1984	AR	Independence	72562

Existing Generators

Entergy Subregion

Entergy Arkansas (814)

Lake Catherine (170)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	40.0	47.0	47.0	1950	AR	Hot Spring	72105
2	OP	S	ST	NG	40.0	45.0	45.0	1950	AR	Hot Spring	72105
3	OP	S	ST	NG	119.5	96.0	100.0	1953	AR	Hot Spring	72105
4	OP	S	ST	NG	552.5	500.0	500.0	1970	AR	Hot Spring	72105

Mabelvale (171)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	19.6	14.0	16.0	1970	AR	Pulaski	72103
2	OP	S	GT	NG	19.6	14.0	16.0	1970	AR	Pulaski	72103
3	OP	S	GT	NG	19.6	14.0	16.0	1970	AR	Pulaski	72103
4	OP	S	GT	NG	19.6	14.0	16.0	1970	AR	Pulaski	72103

Remmel (174)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	3.0	4.0	3.0	1925	AR	Hot Spring	72104
2	OP	S	HY	WAT	3.0	3.0	3.0	1925	AR	Hot Spring	72104
3	OP	S	HY	WAT	3.0	4.0	3.0	1925	AR	Hot Spring	72104

Robert E Ritchie (173)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	359.0	320.0	300.0	1961	AR	Phillips	72342
GT1	OP	S	GT	NG	19.6	14.0	16.0	1970	AR	Phillips	72342

Existing Generators

Entergy Subregion

Entergy Arkansas (814)

White Bluff (6009)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	SUB	850.0	810.0	815.0	1980	AR	Jefferson	72132
2	OP	J	ST	SUB	850.0	810.0	835.0	1981	AR	Jefferson	72132

Entergy Gulf States (7806)

Lewis Creek (3457)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	271.4	260.0	230.0	1970	TX	Montgomery	77378
2	OP	S	ST	NG	271.4	260.0	260.0	1971	TX	Montgomery	77378

Louisiana 2 (1392)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
10	OP	S	ST	NG	50.0	40.0	40.0	1950	LA	E. Baton Rouge	10805
11	OP	S	ST	NG	50.0	40.0	40.0	1950	LA	E. Baton Rouge	10805
12	OP	S	ST	NG	75.0	60.0	60.0	1953	LA	E. Baton Rouge	10805

Nelson Coal (7363)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
6	OP	J	ST	SUB	614.6	550.0	550.0	1982	LA	Calcasieu	70669

Existing Generators Entergy Subregion

Entergy Gulf States (7806)

R S Nelson (1393)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
3	OP	S	ST	NG	163.2	153.0	154.0	1960	LA	Calcasieu	70669
4	OP	S	ST	NG	591.8	500.0	500.0	1970	LA	Calcasieu	70669

Riverbend (6462)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	NUC	1036.0	1000.0	999.0	1986	LA	W. Feliciana	70775

Sabine (3459)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	239.4	212.0	212.0	1962	TX	Orange	77611
2	OP	S	ST	NG	239.4	212.0	212.0	1962	TX	Orange	77611
3	OP	S	ST	NG	473.4	419.0	420.0	1962	TX	Orange	77611
4	OP	S	ST	NG	591.6	530.0	530.0	1974	TX	Orange	77611
5	OP	S	ST	NG	507.4	470.0	470.0	1979	TX	Orange	77611

Willow Glen (1394)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	163.2	152.0	155.0	1960	LA	Iberville	70776
2	OP	S	ST	NG	239.4	205.0	205.0	1960	LA	Iberville	70776
3	OP	S	ST	NG	591.8	450.0	460.0	1968	LA	Iberville	70776
4	OP	S	ST	NG	591.8	480.0	500.0	1973	LA	Iberville	70776
5	OP	S	ST	NG	591.8	500.0	500.0	1976	LA	Iberville	70776

Existing Generators

Entergy Subregion

Entergy Louisiana (11241)

Buras (1401)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
8	OP	S	GT	NG	20.7	12.0	12.0	1971	LA	Plaquemines	70041

Little Gypsy (1402)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	247.8	244.0	244.0	1961	LA	St. Charles	70068
2	OP	S	ST	NG	420.8	415.0	415.0	1966	LA	St. Charles	70068
3	OP	S	ST	NG	582.3	545.0	560.0	1969	LA	St. Charles	70068

Monroe (1448)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
10	OP	S	ST	NG	25.0	21.0	21.0	1963	LA	Ouachita	71201
11	OP	S	ST	NG	37.5	26.0	26.0	1965	LA	Ouachita	71201
12	OP	S	ST	NG	75.0	70.0	70.0	1968	LA	Ouachita	71201

Ninemile Point (1403)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	69.0	50.0	50.0	1951	LA	Jefferson	70094
2	OP	S	ST	NG	112.5	60.0	60.0	1953	LA	Jefferson	70094
3	OP	S	ST	NG	169.8	125.0	128.0	1955	LA	Jefferson	70094
4	OP	S	ST	NG	895.1	730.0	740.0	1971	LA	Jefferson	70094
5	OP	S	ST	NG	895.1	740.0	750.0	1973	LA	Jefferson	70094

Existing Generators

Entergy Subregion

Entergy Louisiana (11241)

Sterlington (1404)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
6	OP	S	ST	NG	247.8	210.0	220.0	1958	LA	Ouachita	71280
7	OP	S	CT	NG	233.0	187.0	198.0	1974	LA	Ouachita	71280

Waterford 1 & 2 (8056)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	445.5	400.0	411.0	1975	LA	St. Charles	70066
2	OP	S	ST	NG	445.5	411.0	411.0	1975	LA	St. Charles	70066

Waterford 3 (4270)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
3	OP	S	ST	NUC	1200.0	1089.0	1098.0	1985	LA	St. Charles	70066

Entergy Mississippi (12685)

Baxter Wilson (2050)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	544.6	495.0	495.0	1967	MS	Warren	39180
2	OP	S	ST	NG	783.0	720.0	700.0	1971	MS	Warren	39180

Delta (2051)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	112.5	99.0	98.0	1953	MS	Bolivar	38732
2	OP	S	ST	NG	112.5	95.0	96.0	1953	MS	Bolivar	38732

Existing Generators

Entergy Subregion

Entergy Mississippi (12685)

Gerald Andrus (8054)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	781.5	761.0	741.0	1975	MS	Washington	38702

Natchez (2052)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	75.0	65.0	65.0	1951	MS	Adams	39120

Rex Brown (2053)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	35.5	15.0	15.0	1948	MS	Hinds	39213
3	OP	S	ST	NG	66.0	70.0	70.0	1951	MS	Hinds	39213
4	OP	S	ST	NG	238.7	210.0	217.0	1959	MS	Hinds	39213
GT1	OP	S	GT	DFO	10.0	7.0	9.0	1968	MS	Hinds	39213

Entergy New Orleans (13478)

A B Paterson (1407)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
3	OP	S	ST	NG	51.8	50.0	50.0	1950	LA	Orleans	70126
4	OP	S	ST	NG	81.3	72.0	72.0	1954	LA	Orleans	70126
5	OP	S	GT	DFO	16.0	11.0	11.0	1967	LA	Orleans	70126

Existing Generators

Entergy Subregion

Entergy New Orleans (13478)

Michoud (1409)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	115.2	65.0	65.0	1957	LA	Orleans	70129
2	OP	S	ST	NG	261.8	230.0	240.0	1963	LA	Orleans	70129
3	OP	S	ST	NG	582.3	530.0	515.0	1967	LA	Orleans	70129

Louisiana Generating, LLC (2777)

Big Cajun 1 (1464)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	128.0	119.0	125.0	2001	LA	Pointe Coupee	70760
2	OP	S	ST	NG	128.0	119.0	125.0	2001	LA	Pointe Coupee	70760

Big Cajun 2 (6055)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	SUB	638.0	580.0	575.0	1981	LA	Pointe Coupee	70760
2	OP	S	ST	SUB	632.5	575.0	575.0	1982	LA	Pointe Coupee	70760
3	OP	J	ST	SUB	632.5	575.0	575.0	1983	LA	Pointe Coupee	70760

LSP Energy Limited Partnership (11282)

Batesville Generation Facility (55063)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
CC1	OP	S	CT	NG	279.0	255.0	268.0	2000	MS	Panola	38606
CC2	OP	S	CT	NG	279.0	255.0	268.0	2000	MS	Panola	38606
CC3	OP	S	CT	NG	279.0	255.0	268.0	2000	MS	Panola	38606

Existing Generators

Entergy Subregion

System Energy Resources (12465)

Grand Gulf (6072)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	NUC	1372.5	1282.0	1286.0	1985	MS	Claiborne	39150

Planned Generators

Entergy Subregion

Entergy Gulf States (7806)

Riverbend (6462)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
2	A	J	ST	NUC	1036.0	17.0	17.0	04/2003	LA	W. Feliciana	70775

Entergy Louisiana (11241)

Waterford 3 (4270)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
4	A	S	ST	NUC	1200.0	68.0	68.0	04/2005	LA	St. Charles	70066

Louisiana Generating, LLC (2777)

Big Cajun 2 (6055)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
4	P	S	ST	SUB	730.0	675.0	675.0	05/2006	LA	Pointe Coupee	70760

LSP Energy Limited Partnership (11282)

Batesville Generation Facility (55063)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
CC4	P	S	CT	NG	292.0	292.0	292.0	05/2004	MS	Panola	38606

Jointly Owned Existing Generating Units

Entergy Subregion

Associated Electric Cooperative, Inc. (924)

St Francis (7604) Unit 1

NamePlate: 289.00

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
924	Associated Electric Cooperative, Inc.		50.00	112.50	5416	Duke Power Company		50.00	112.50

St Francis (7604) Unit 2

NamePlate: 289.00

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
924	Associated Electric Cooperative, Inc.		50.00	112.50	5416	Duke Power Company		50.00	112.50

Entergy Arkansas (814)

Independence (6641) Unit 1

NamePlate: 850.00

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
807	Arkansas Electric Coop Corp		35.00	285.25	814	Entergy Arkansas		31.50	256.73
12685	Entergy Mississippi		25.00	203.75	9879	Jonesboro City of		5.00	40.75
4280	Conway Corp		2.00	16.30	20382	West Memphis City of		1.00	8.15
14216	Osceola City of		0.50	4.08					

Jointly Owned Existing Generating Units

Entergy Subregion

Entergy Arkansas (814)

Independence (6641) Unit 2

NamePlate: 850.00

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
807	Arkansas Electric Coop Corp		35.00	294.70	12685	Entergy Mississippi		25.00	210.50
9879	Jonesboro City of		15.00	126.30	25251	Entergy Power Inc		14.34	120.74
39347	East Texas Electric Coop Inc		7.12	59.95	4280	Conway Corp		2.00	16.84
20382	West Memphis City of		1.00	8.42	14216	Osceola City of		0.50	4.21

White Bluff (6009) Unit 1

NamePlate: 850.00

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
814	Entergy Arkansas		57.00	461.70	807	Arkansas Electric Coop Corp		35.00	283.50
9879	Jonesboro City of		5.00	40.50	4280	Conway Corp		2.00	16.20
20382	West Memphis City of		1.00	8.10					

White Bluff (6009) Unit 2

NamePlate: 850.00

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
814	Entergy Arkansas		57.00	461.70	807	Arkansas Electric Coop Corp		35.00	283.50
9879	Jonesboro City of		5.00	40.50	4280	Conway Corp		2.00	16.20
20382	West Memphis City of		1.00	8.10					

Jointly Owned Existing Generating Units **Entergy Subregion**

Entergy Gulf States (7806)

Nelson Coal (7363) Unit 6

NamePlate: 614.60

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
7806 Entergy Gulf States	70.00	385.00	16821 Sam Rayburn Municipal Pwr Agny	20.00	110.00
40233 Sam Rayburn G&T Elec Coop Inc	1000.00	5500.00			

Riverbend (6462) Unit 1

NamePlate: 1036.00

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
7806 Entergy Gulf States	70.00	700.00	29763	30.00	300.00

Louisiana Generating, LLC (2777)

Big Cajun 2 (6055) Unit 3

NamePlate: 632.50

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
2777 Louisiana Generating, LLC	58.00	333.50	11241 Entergy Louisiana	42.00	241.50

Jointly Owned Existing Generating Units Entergy Subregion

System Energy Resources (12465)

Grand Gulf (6072) Unit 1

NamePlate: 1372.50

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
12465	System Energy Resources		90.00	1153.80	17568	S.Mississippi Electric Power Association		10.00	128.20

- Sales and Purchases -

Entergy Subregion	Purchase										Summer
Other Party Name	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Conway Corp	65	65	65	65	65	65	65	65	65	65	65
Duke Energy Tradg&Marketg LLC	220	220	220	220	220	220	220	220	220	220	220
Osceola City of	8	8	8	8	8	8	8	8	8	8	8
Other or Undesignated	0	1,498	1,458	1,588	1,217	1,522	1,307	1,592	1,472	1,357	1,697
Southwestern Power Admin	21	21	21	21	21	21	21	21	21	21	21
Southwestern Power Admin	478	478	478	478	478	478	478	478	478	478	478
Southwestern Power Admin	91	91	91	91	91	91	91	91	91	91	91
Toledo Bend Project Joint Oper	69	69	69	69	69	69	69	69	69	69	69
Vidalia Town of	71	71	71	71	71	71	71	71	71	71	71
West Memphis City of	33	33	33	33	33	33	33	33	33	33	33

- Sales and Purchases -

Entergy Subregion	Purchase										Winter
Other Party Name	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Conway Corp	67	67	67	67	67	67	67	67	67	67	67
Duke Energy Tradg&Marketg LLC	220	220	220	220	220	220	220	220	220	220	220
Osceola City of	8	8	8	8	8	8	8	8	8	8	8
Other or Undesignated	0	1,298	1,208	1,408	1,052	1,252	1,252	1,352	1,402	1,352	1,402
Southwestern Power Admin	91	91	91	91	91	91	91	91	91	91	91
Southwestern Power Admin	478	478	478	478	478	478	478	478	478	478	478
Southwestern Power Admin	21	21	21	21	21	21	21	21	21	21	21
Toledo Bend Project Joint Oper	69	69	69	69	69	69	69	69	69	69	69
Vidalia Town of	84	84	84	84	84	84	84	84	84	84	84
West Memphis City of	33	33	33	33	33	33	33	33	33	33	33

- Sales and Purchases -

Entergy Subregion	Sale										Summer
Other Party Name	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Alabama Electric Coop Inc	70	0	0	0	0	0	0	0	0	0	0
East Texas Electric Coop Inc	60	60	60	0	0	0	0	0	0	0	0
Kansas City Power & Light Co	150	150	150	0	0	0	0	0	0	0	0
Mississippi Delta Energy Agency	7	7	7	7	7	7	7	7	0	0	0
Municipal Energy Agency of MS	63	63	13	13	13	13	13	13	0	0	0
South Mississippi El Pwr Assn	75	75	75	75	75	75	75	75	75	75	75
Southwestern Electric Power Co	100	100	100	100	100	100	100	100	100	100	100

- Sales and Purchases -

Entergy Subregion	Sale										Winter
Other Party Name	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Alabama Electric Coop Inc	140	0	0	0	0	0	0	0	0	0	0
East Texas Electric Coop Inc	60	60	0	0	0	0	0	0	0	0	0
Kansas City Power & Light Co	150	150	0	0	0	0	0	0	0	0	0
Mississippi Delta Energy Agency	7	7	7	7	7	7	7	0	0	0	0
Municipal Energy Agency of MS	63	63	13	13	13	13	13	0	0	0	0
South Mississippi El Pwr Assn	75	75	75	75	75	75	75	75	0	0	0
Southwestern Electric Power Co	100	100	100	100	100	50	50	50	50	50	50

- Transmission Additions -

Entergy Subregion

<i>Terminal Locations</i>		<i>Line Length (Miles)</i>	<i>Voltage, kV</i>		<i>In-Service Date</i>
			<i>Operating</i>	<i>Design</i>	
<u>Entergy</u>					
Bogue Chitto	Bogalusa	11.50	500	500	12/2006
Bogue Chitto	LS Pike	59.50	500	500	12/2006
China	Porter	63.00	230	230	06/2005
Coly	Hammond	20.00	230	230	12/2006
Conway	Panama	10.00	230	230	12/2005
Hammond	Amite	18.17	115	230	12/2006
Horn Lake	Freeport	3.81	230	230	04/2003
Kaiser	Meraux	5.55	230	230	12/2003
Meraux	Michoud	5.99	230	230	12/2003
Panama	Frisco	26.00	230	230	12/2006
Rankin	South Jackson	17.90	230	230	06/2005

- NERC Form 5 (Transmission Mileage) -

<u>Entergy Subregion</u>	<u>230kV</u>	<u>345kV</u>	<u>500kV</u>	<u>765kV</u>	<u>Total</u>
Existing	2,100	755	2,081	0	4,936
Transmission Additions - 1st Five Years	157	0	23	0	180
Transmission Additions - 2nd Five Years	0	0	0	0	0
Total	2,257	755	2,104	0	5,116

Note: Existing data is "as of 01/01/03"

INSERT TAB

SOUTHERN

- Demand and Energy (Monthly) -

<i>Southern Subregion</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>
2002 Actual Demand	36,260	36,769	35,792	44,754	37,629	44,075	45,214	45,061	43,669	38,585	31,643	34,073
2002 Actual NEL	18,313	16,219	17,110	16,829	18,888	21,494	23,908	23,916	20,991	18,552	17,146	19,233
2003 Forecast Demand	36,110	34,031	30,988	30,585	36,257	41,506	45,012	44,410	39,241	30,982	31,011	33,080
2003 Forecast NEL	19,405	16,702	17,049	16,603	19,344	22,187	24,789	24,604	20,571	17,761	17,071	18,967
2004 Forecast Demand	36,859	35,198	31,952	31,473	37,308	42,783	46,570	45,930	41,006	31,904	31,896	34,015
2004 Forecast NEL	20,055	17,587	17,679	17,139	19,856	22,838	25,628	25,511	21,433	18,371	17,582	19,547

- Demand and Energy (Annual) -

Southern Subregion	actual	forecast									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<u>Annual</u>											
NEL Annual	232,599	235,053	243,226	253,632	260,651	267,108	273,220	279,752	286,484	293,256	300,663
<u>Summer</u>											
Internal Demand	45,370	45,012	46,570	47,991	49,176	50,397	51,622	52,967	54,293	55,659	57,080
Standby Demand	0	0	0	0	0	0	0	0	0	0	0
Total Internal Demand	45,370	45,012	46,570	47,991	49,176	50,397	51,622	52,967	54,293	55,659	57,080
Load Management	135	135	135	135	135	135	135	135	135	135	135
Interruptible Demand	176	211	211	141	141	141	141	141	141	141	141
Net Internal Demand	45,059	44,666	46,224	47,715	48,900	50,121	51,346	52,691	54,017	55,383	56,804
<u>Winter</u>											
Internal Demand	37,840	37,623	38,539	39,414	37,396	41,286	42,292	43,315	44,348	45,429	46,536
Standby Demand	0	0	0	0	0	0	0	0	0	0	0
Total Internal Demand	37,840	37,623	38,539	39,414	37,396	41,286	42,292	43,315	44,348	45,429	46,536
Load Management	0	0	0	0	0	0	0	0	0	0	0
Interruptible Demand	139	139	139	139	139	139	139	139	140	140	140
Net Internal Demand	37,701	37,484	38,400	39,275	37,257	41,147	42,153	43,176	44,208	45,289	46,396

- Capacity -

Southern Subregion	Summer										
	<i>actual</i>	<i>forecast</i>									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Existing Capacity Resources	48,261	48,112	50,048	50,556	52,342	52,299	52,299	52,282	51,416	50,970	50,767
Committed Planned Resources	432	2,162	1,429	2,744	984	984	984	984	984	984	984
Total Committed Resources	48,693	50,274	51,477	53,300	53,326	53,283	53,283	53,266	52,400	51,954	51,751
Distributed Generation, 1MW or Greater	135	135	135	135	135	135	135	135	135	135	135
Other Capacity, 1 megawatt or greater	0	0	0	0	0	0	0	0	0	0	0
Distributed Generation, Less than 1MW	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, less than 1 megawatt	0	0	0	0	0	0	0	0	0	0	0
Uncommitted Planned Resources	0	0	0	145	145	145	145	405	405	520	665
Total Resources	48,693	50,274	51,477	53,445	53,471	53,428	53,428	53,671	52,805	52,474	52,416
Nuclear	5,944	5,963	5,963	5,963	5,963	5,963	5,963	5,963	5,963	5,963	5,963
Hydro	3,272	3,272	3,272	3,272	3,272	3,272	3,272	3,272	3,272	3,272	3,272
Pumped Storage	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,542
Geothermal	0	0	0	0	0	0	0	0	0	0	0
Steam (Coal)	24,960	24,866	24,866	24,866	24,866	24,866	24,866	24,866	24,041	23,595	23,392
Steam (Oil)	122	122	122	122	122	79	79	79	79	79	79
Steam (Gas)	1,005	717	717	610	551	551	551	551	551	551	551
Steam (Dual Fuel)	177	177	177	177	177	177	177	177	177	177	177
Combustion Turbine (Oil)	1,210	991	991	991	991	991	991	991	991	991	991
Combustion Turbine (Gas)	4,656	5,098	5,183	5,268	5,353	5,353	5,353	5,451	5,410	5,525	5,525
Combustion Turbine (Dual Fuel)	83	83	83	228	228	228	228	373	373	373	518
Combined Cycle (Oil)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Gas)	5,722	7,442	8,560	10,405	10,405	10,405	10,405	10,405	10,405	10,405	10,405
Combined Cycle (Dual Fuel)	0	0	0	0	0	0	0	0	0	0	0
Other Capacity	2	2	2	2	2	2	2	2	2	2	2
Inoperable Capacity	79	79	79	79	79	79	79	79	79	79	79
Net Operable Capacity	48,614	50,195	51,398	53,366	53,392	53,349	53,349	53,592	52,726	52,395	52,337
Capacity Purchases	4,356	4,534	5,042	4,853	5,463	6,068	6,932	7,608	8,608	8,127	8,199
Full Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
Capacity Sales	2,788	2,692	2,792	2,179	2,654	2,654	2,654	2,654	1,101	841	841
Full Responsibility Sales	0	0	0	0	0	0	0	0	0	0	0
Adjustment	-125	-210	-295	-380	-380	-380	-380	-380	-380	-380	-380
Net Capacity Resources	50,057	51,827	53,353	55,660	55,821	56,383	57,247	58,166	59,853	59,301	59,315

- Capacity -

Southern Subregion	Winter										
	<i>actual</i>	<i>forecast</i>									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Existing Capacity Resources	47,715	48,292	51,367	50,030	51,816	51,773	51,773	51,753	50,873	50,427	50,223
Committed Planned Resources	0	2,071	1,429	2,744	984	984	984	984	984	984	984
Total Committed Resources	47,715	50,363	52,796	52,774	52,800	52,757	52,757	52,737	51,857	51,411	51,207
Distributed Generation, 1MW or Greater	135	135	135	135	135	135	135	135	135	135	135
Other Capacity, 1 megawatt or greater	0	0	0	0	0	0	0	0	0	0	0
Distributed Generation, Less than 1MW	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, less than 1 megawatt	0	0	0	0	0	0	0	0	0	0	0
Uncommitted Planned Resources	0	0	0	145	145	145	145	410	410	530	675
Total Resources	47,715	50,363	52,796	52,919	52,945	52,902	52,902	53,147	52,267	51,941	51,882
Nuclear	5,944	5,963	5,963	5,963	5,963	5,963	5,963	5,963	5,963	5,963	5,963
Hydro	3,272	3,272	3,272	3,272	3,272	3,272	3,272	3,272	3,272	3,272	3,272
Pumped Storage	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,542	1,542
Geothermal	0	0	0	0	0	0	0	0	0	0	0
Steam (Coal)	24,967	24,874	24,874	24,874	24,874	24,874	24,874	24,874	24,049	23,603	23,400
Steam (Oil)	122	122	122	122	122	79	79	79	79	79	79
Steam (Gas)	741	717	717	610	551	551	551	551	551	551	551
Steam (Dual Fuel)	177	177	177	177	177	177	177	177	177	177	177
Combustion Turbine (Oil)	1,534	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503
Combustion Turbine (Gas)	3,530	3,972	4,057	4,142	4,227	4,227	4,227	4,327	4,272	4,392	4,392
Combustion Turbine (Dual Fuel)	83	83	83	228	228	228	228	373	373	373	518
Combined Cycle (Oil)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Gas)	5,801	8,136	10,484	10,484	10,484	10,484	10,484	10,484	10,484	10,484	10,484
Combined Cycle (Dual Fuel)	0	0	0	0	0	0	0	0	0	0	0
Other Capacity	2	2	2	2	2	2	2	2	2	2	2
Inoperable Capacity	79	79	79	79	79	79	79	79	79	79	79
Net Operable Capacity	47,636	50,284	52,717	52,840	52,866	52,823	52,823	53,068	52,188	51,862	51,803
Capacity Purchases	3,517	3,261	3,455	3,853	4,504	4,958	5,747	6,263	7,142	6,533	6,472
Full Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
Capacity Sales	2,792	2,792	2,933	2,879	2,654	2,654	2,654	2,654	2,654	2,394	2,394
Full Responsibility Sales	0	0	0	0	0	0	0	0	0	0	0
Adjustment	-125	-210	-295	-380	-380	-380	-380	-380	-380	-380	-380
Net Capacity Resources	48,236	50,543	52,944	53,434	54,336	54,747	55,536	56,297	56,296	55,621	55,501

Existing Generators

Southern Subregion

Alabama Electric Cooperative, Inc. (189)

Charles R Lowman (56)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	66.0	81.0	83.0	1969	AL	Washington	36548
2	OP	S	ST	BIT	236.0	232.0	235.0	1978	AL	Washington	36548
3	OP	S	ST	BIT	236.0	238.0	240.0	1980	AL	Washington	36548

Gantt (53)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
3	OP	S	HY	WAT	1.2	1.2	1.2	1926	AL	Covington	36420
4	OP	S	HY	WAT	1.8	1.9	1.9	1985	AL	Covington	36420

McIntosh (7063)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	CE	NG	110.0	110.0	110.0	1991	AL	Washington	36553
2	OP	S	GT	NG	113.0	115.0	120.0	1998	AL	Washington	36553
3	OP	S	GT	NG	113.0	115.0	120.0	1998	AL	Washington	36553

Existing Generators

Southern Subregion

Alabama Electric Cooperative, Inc. (189)

McWilliams (533)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	CA	NG	7.5	10.0	10.0	1954	AL	Covington	36420
2	OP	S	CA	NG	7.5	10.0	10.0	1954	AL	Covington	36420
3	OP	S	CA	NG	25.0	23.0	23.0	1959	AL	Covington	36420
4	OP	S	CT	NG	107.0	105.0	117.0	1996	AL	Covington	36420
VAN1	OP	S	CT	NG	165.0	161.0	194.0	2002	AL	Covington	36420
VAN2	OP	S	CT	NG	165.0	161.0	194.0	2002	AL	Covington	36420
VAN3	OP	S	CA	NG	177.0	188.0	189.0	2002	AL	Covington	36420

Point A (55)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	1.6	1.6	1.6	1925	AL	Covington	36420
2	OP	S	HY	WAT	1.6	1.6	1.6	1925	AL	Covington	36420
3	OP	S	HY	WAT	2.0	2.0	2.0	1949	AL	Covington	36420

Portland (6192)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	DFO	11.0	8.0	11.0	1964	FL	Sebatian	32439

Alabama Power Company (195)

Bankhead Dam (2)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	54.0	56.0	56.0	1963	AL	Tuscaloosa	35476

Existing Generators

Southern Subregion

Alabama Power Company (195)

Barry (3)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	153.1	138.0	138.0	1954	AL	Mobile	36512
2	OP	S	ST	BIT	153.1	139.0	139.0	1954	AL	Mobile	36512
3	OP	S	ST	BIT	272.0	251.0	251.0	1959	AL	Mobile	36512
4	OP	S	ST	BIT	403.8	362.0	362.0	1969	AL	Mobile	36512
5	OP	S	ST	BIT	788.8	768.0	768.0	1971	AL	Mobile	36512
A1CT	OP	S	CT	NG	185.5	160.0	185.0	2000	AL	Mobile	36512
A1ST	OP	S	CA	NG	195.2	191.0	191.0	2000	AL	Mobile	36512
A2C1	OP	S	CT	NG	185.5	160.0	185.0	2001	AL	Mobile	36512
A2C2	OP	S	CT	NG	185.5	160.0	185.0	2001	AL	Mobile	36512
A2ST	OP	S	CA	NG	195.2	191.0	191.0	2001	AL	Mobile	36512

E C Gaston (26)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	BIT	272.0	254.0	254.0	1960	AL	Shelby	35186
2	OP	J	ST	BIT	272.0	259.0	259.0	1960	AL	Shelby	35186
3	OP	J	ST	BIT	272.0	260.0	260.0	1961	AL	Shelby	35186
5	OP	S	ST	BIT	952.0	861.0	861.0	1974	AL	Shelby	35186
GT4	OP	J	GT	DFO	21.3	16.0	20.0	1970	AL	Shelby	35186
ST4	OP	J	ST	BIT	244.8	256.0	256.0	1962	AL	Shelby	35186

Gadsden (7)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	69.0	64.0	64.0	1949	AL	Etowah	35903
2	OP	S	ST	BIT	69.0	66.0	66.0	1949	AL	Etowah	35903

Existing Generators

Southern Subregion

Alabama Power Company (195)

GE Plastics (7698)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
A1CT	OP	S	CC	NG	90.1	85.0	90.0	1999	AL	Lowndes	36752
A1ST	OP	S	CC	NG	15.0	15.0	15.0	1999	AL	Lowndes	36752

Gorgas (8)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
10	OP	S	ST	BIT	788.8	723.0	723.0	1972	AL	Walker	35580
6	OP	S	ST	BIT	125.0	110.0	110.0	1951	AL	Walker	35580
7	OP	S	ST	BIT	125.0	111.0	111.0	1952	AL	Walker	35580
8	OP	S	ST	BIT	187.5	167.0	167.0	1956	AL	Walker	35580
9	OP	S	ST	BIT	190.4	177.0	177.0	1958	AL	Walker	35580

Greene County (10)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	BIT	299.2	262.0	262.0	1965	AL	Greene	36732
2	OP	J	ST	NG	269.3	255.0	255.0	1966	AL	Greene	36732
GT10	OP	S	GT	NG	91.9	85.0	101.0	1996	AL	Greene	36732
GT2	OP	S	GT	NG	91.9	84.0	100.0	1996	AL	Greene	36732
GT3	OP	S	GT	NG	91.9	82.0	98.0	1995	AL	Greene	36732
GT4	OP	S	GT	NG	91.9	81.0	97.0	1995	AL	Greene	36732
GT5	OP	S	GT	NG	91.9	82.0	98.0	1995	AL	Greene	36732
GT6	OP	S	GT	NG	91.9	81.0	97.0	1995	AL	Greene	36732
GT7	OP	S	GT	NG	91.9	80.0	96.0	1995	AL	Greene	36732
GT8	OP	S	GT	NG	91.9	83.0	99.0	1996	AL	Greene	36732
GT9	OP	S	GT	NG	91.9	82.0	98.0	1996	AL	Greene	36732

Existing Generators

Southern Subregion

Alabama Power Company (195)

H Neely Henry Dam (11)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	24.3	23.3	22.3	1966	AL	St. Clair	36271
2	OP	S	HY	WAT	24.3	23.3	22.3	1966	AL	St. Clair	36271
3	OP	S	HY	WAT	24.3	23.4	22.4	1966	AL	St. Clair	36271

Harris Dam (6188)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	67.5	66.0	61.5	1983	AL	Randolph	36266
2	OP	S	HY	WAT	67.5	66.0	61.5	1983	AL	Randolph	36266

Holt Dam (12)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	46.0	45.0	45.0	1968	AL	Tuscaloosa	35476

James H Miller Jr (6002)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	BIT	705.5	642.0	642.0	1978	AL	Jefferson	35073
2	OP	J	ST	BIT	705.5	642.0	642.0	1985	AL	Jefferson	35073
3	OP	S	ST	BIT	705.5	701.0	701.0	1989	AL	Jefferson	35073
4	OP	S	ST	BIT	705.5	701.0	701.0	1991	AL	Jefferson	35073

Existing Generators

Southern Subregion

Alabama Power Company (195)

Jordan Dam (13)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	25.0	34.0	34.5	1929	AL	Elmore	36092
2	OP	S	HY	WAT	25.0	34.0	34.5	1929	AL	Elmore	36092
3	OP	S	HY	WAT	25.0	34.0	34.5	1929	AL	Elmore	36092
4	OP	S	HY	WAT	25.0	34.0	34.5	1929	AL	Elmore	36092

Joseph M Farley (6001)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NUC	888.3	833.0	833.0	1977	AL	Houston	36312
2	OP	S	ST	NUC	888.3	842.0	842.0	1981	AL	Houston	36312

Lay Dam (15)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	29.5	29.8	30.0	1968	AL	Chilton	35045
2	OP	S	HY	WAT	29.5	29.8	30.0	1968	AL	Chilton	35045
3	OP	S	HY	WAT	29.5	29.8	30.0	1967	AL	Chilton	35045
4	OP	S	HY	WAT	29.5	29.8	30.0	1967	AL	Chilton	35045
5	OP	S	HY	WAT	29.5	29.8	30.0	1967	AL	Chilton	35045
6	OP	S	HY	WAT	29.5	29.8	30.0	1967	AL	Chilton	35045

Lewis Smith Dam (18)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	78.8	90.0	88.0	1961	AL	Walker	35501
2	OP	S	HY	WAT	78.8	90.0	88.0	1962	AL	Walker	35501

Existing Generators

Southern Subregion

Alabama Power Company (195)

Logan Martin Dam (14)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	42.8	45.0	41.7	1964	AL	St. Clair	35178
2	OP	S	HY	WAT	42.8	45.0	41.7	1964	AL	St. Clair	35178
3	OP	S	HY	WAT	42.8	45.0	41.7	1964	AL	St. Clair	35178

Martin Dam (16)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	33.0	34.0	29.8	1927	AL	Elmore	36078
2	OP	S	HY	WAT	33.0	34.0	29.8	1927	AL	Elmore	36078
3	OP	S	HY	WAT	33.0	34.0	29.8	1927	AL	Elmore	36078
4	OP	S	HY	WAT	55.2	56.9	49.7	1952	AL	Elmore	36078

Mitchell Dam (17)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
4	OP	S	HY	WAT	20.0	19.5	19.5	1949	AL	Chilton	36091
5	OP	S	HY	WAT	50.0	48.8	49.2	1985	AL	Chilton	36091
6	OP	S	HY	WAT	50.0	48.8	49.2	1985	AL	Chilton	36091
7	OP	S	HY	WAT	50.0	48.8	49.2	1985	AL	Chilton	36091

Theodore Co-Gen Fac (7721)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
A1CT	OP	S	CC	NG	185.5	160.0	185.0	2000	AL	Mobile	36582
A1ST	OP	S	CC	NG	88.4	64.7	64.7	2000	AL	Mobile	36582

Existing Generators

Southern Subregion

Alabama Power Company (195)

Thurlow Dam (19)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	25.0	34.0	34.0	1931	AL	Elmore	36078
2	OP	S	HY	WAT	25.0	34.0	34.0	1931	AL	Elmore	36078
3	OP	S	HY	WAT	10.0	13.0	13.0	1931	AL	Elmore	36078

Walter Bouldin Dam (4)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	75.0	75.3	76.0	1967	AL	Elmore	36092
2	OP	S	HY	WAT	75.0	75.3	76.0	1967	AL	Elmore	36092
3	OP	S	HY	WAT	75.0	75.3	76.0	1967	AL	Elmore	36092

Washington County (7697)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
A1CT	OP	S	CC	NG	82.6	80.0	82.6	1999	AL	Washington	36553
A1ST	OP	S	CC	NG	39.9	39.7	39.7	1999	AL	Washington	36553

Weiss Dam (20)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	29.3	24.7	22.3	1962	AL	Cherokee	35983
2	OP	S	HY	WAT	29.3	24.7	22.3	1961	AL	Cherokee	35983
3	OP	S	HY	WAT	29.3	24.7	22.3	1961	AL	Cherokee	35983

Existing Generators

Southern Subregion

Alabama Power Company (195)

Yates Dam (21)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	16.0	23.5	24.0	1928	AL	Elmore	36078
2	OP	S	HY	WAT	16.0	23.5	24.0	1928	AL	Elmore	36078

Crisp County Power Commision (4538)

Plant Crisp (753)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	12.5	12.5	12.5	1957	GA	Worth	31010
GT1	OP	S	GT	NG	5.0	5.0	5.0	1957	GA	Worth	31010

Warwick (752)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	2.4	2.4	2.4	1930	GA	Worth	31010
2	OP	S	HY	WAT	2.9	2.9	2.9	1930	GA	Worth	31010
3	OP	S	HY	WAT	4.8	4.8	4.8	1930	GA	Worth	31010
4	OP	S	HY	WAT	2.9	2.9	2.9	1930	GA	Worth	31010

Existing Generators

Southern Subregion

Georgia Power Company (7140)

Arkwright (699)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
3	OP	S	ST	BIT	40.2	0.0	0.0	1943	GA	Bibb	31208
4	OP	S	ST	BIT	49.0	0.0	0.0	1948	GA	Bibb	31208
5A	OP	S	GT	DFO	13.6	0.0	0.0	1969	GA	Bibb	31208
5B	OP	S	GT	DFO	16.3	0.0	0.0	1969	GA	Bibb	31208
ST1	OP	S	ST	NG	46.0	0.0	0.0	1941	GA	Bibb	31208
ST2	OP	S	ST	NG	46.0	0.0	0.0	1942	GA	Bibb	31208

Atkinson (700)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
3	OP	S	ST	NG	63.0	0.0	0.0	1945	GA	Cobb	30080
4	OP	S	ST	NG	75.0	0.0	0.0	1945	GA	Cobb	30080
5A	OP	S	GT	DFO	41.8	0.0	39.6	1970	GA	Cobb	30080
5B	OP	S	GT	DFO	41.8	0.0	39.6	1970	GA	Cobb	30080
ST2	OP	S	ST	NG	60.0	0.0	0.0	1941	GA	Cobb	30080

Barnett Shoals (701)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	0.7	0.5	0.4	1910	GA	Oconee	31024
2	OP	S	HY	WAT	0.7	0.5	0.4	1910	GA	Oconee	31024
3	OP	S	HY	WAT	0.7	0.5	0.4	1910	GA	Oconee	31024
4	OP	S	HY	WAT	0.7	0.5	0.4	1910	GA	Oconee	31024

Existing Generators

Southern Subregion

Georgia Power Company (7140)

Bartletts Ferry (702)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	15.0	16.4	16.7	1926	GA	Harris	36874
2	OP	S	HY	WAT	15.0	16.4	16.7	1926	GA	Harris	36874
3	OP	S	HY	WAT	15.0	16.4	16.7	1928	GA	Harris	36874
4	OP	S	HY	WAT	20.0	21.9	22.3	1951	GA	Harris	36874
5	OP	S	HY	WAT	54.0	59.3	60.4	1985	GA	Harris	36874
6	OP	S	HY	WAT	54.0	59.3	60.4	1985	GA	Harris	36874

Bowen (703)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	805.8	713.0	713.0	1971	GA	Bartow	30120
2	OP	S	ST	BIT	788.8	718.0	718.0	1972	GA	Bartow	30120
3	OP	S	ST	BIT	952.0	902.0	902.0	1974	GA	Bartow	30120
4	OP	S	ST	BIT	952.0	929.0	929.0	1975	GA	Bartow	30120
6	OP	S	GT	DFO	41.8	0.0	40.4	1971	GA	Bartow	30120

Burton (704)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	3.0	4.7	4.3	1927	GA	Raburn	30523
2	OP	S	HY	WAT	3.0	4.7	4.3	1927	GA	Raburn	30523

Existing Generators

Southern Subregion

Georgia Power Company (7140)

Edwin I Hatch (6051)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	NUC	924.0	924.0	863.0	1975	GA	Appling	31513
2	OP	J	ST	NUC	924.0	924.0	863.0	1979	GA	Appling	31513

Estatoah (705)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	0.2	0.1	0.1	1928	GA	Raburn	30523

Flint River (706)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	1.8	1.4	1.2	1921	GA	Dougherty	31075
2	OP	S	HY	WAT	1.8	1.4	1.2	1921	GA	Dougherty	31075
3	OP	S	HY	WAT	1.8	1.4	1.2	1925	GA	Dougherty	31075

Goat Rock (707)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	3.0	3.1	3.1	1912	GA	Harris	36874
2	OP	S	HY	WAT	3.0	3.1	3.1	1912	GA	Harris	36874
3	OP	S	HY	WAT	5.0	5.2	5.3	1915	GA	Harris	36874
4	OP	S	HY	WAT	5.0	5.2	5.3	1920	GA	Harris	36874
5	OP	S	HY	WAT	5.0	5.2	5.3	1955	GA	Harris	36874
6	OP	S	HY	WAT	5.0	5.2	5.3	1956	GA	Harris	36874

Existing Generators

Southern Subregion

Georgia Power Company (7140)

Hammond (708)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	125.0	112.0	112.0	1954	GA	Floyd	30129
2	OP	S	ST	BIT	125.0	112.0	112.0	1954	GA	Floyd	30129
3	OP	S	ST	BIT	125.0	112.0	112.0	1955	GA	Floyd	30129
4	OP	S	ST	BIT	578.0	510.0	510.0	1970	GA	Floyd	30129

Harllee Branch (709)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	299.2	266.0	266.0	1965	GA	Putnam	31061
2	OP	S	ST	BIT	359.0	325.0	325.0	1967	GA	Putnam	31061
3	OP	S	ST	BIT	544.0	509.0	509.0	1968	GA	Putnam	31061
4	OP	S	ST	BIT	544.0	507.0	507.0	1969	GA	Putnam	31061

Jack McDonough (710)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	299.2	258.0	258.0	1963	GA	Cobb	30080
2	OP	S	ST	BIT	299.2	259.0	259.0	1964	GA	Cobb	30080
3A	OP	S	GT	DFO	41.8	0.0	39.6	1971	GA	Cobb	30080
3B	OP	S	GT	DFO	41.9	0.0	39.6	1971	GA	Cobb	30080

Langdale (711)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
5	OP	S	HY	WAT	0.5	0.4	0.3	1924	GA	Harris	36874
6	OP	S	HY	WAT	0.5	0.4	0.3	1926	GA	Harris	36874

Existing Generators

Southern Subregion

Georgia Power Company (7140)

Lloyd Shoals (712)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	2.4	3.7	3.5	1911	GA	Jasper	31024
2	OP	S	HY	WAT	2.4	3.7	3.5	1911	GA	Jasper	31024
3	OP	S	HY	WAT	2.4	3.7	3.5	1911	GA	Jasper	31024
4	OP	S	HY	WAT	2.4	3.7	3.5	1911	GA	Jasper	31024
5	OP	S	HY	WAT	2.4	3.7	3.5	1916	GA	Jasper	31024
6	OP	S	HY	WAT	2.4	3.7	3.5	1917	GA	Jasper	31024

McManus (715)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	RFO	50.0	43.0	43.0	1952	GA	Glynn	31520
2	OP	S	ST	RFO	93.7	79.0	79.0	1959	GA	Glynn	31520
3A	OP	S	GT	DFO	55.4	46.0	58.1	1972	GA	Glynn	31520
3B	OP	S	GT	DFO	55.4	46.0	58.1	1972	GA	Glynn	31520
3C	OP	S	GT	DFO	55.4	46.0	58.1	1972	GA	Glynn	31520
4A	OP	S	GT	DFO	55.4	46.0	58.1	1972	GA	Glynn	31520
4B	OP	S	GT	DFO	55.4	46.0	58.1	1972	GA	Glynn	31520
4C	OP	S	GT	DFO	55.4	46.0	58.1	1972	GA	Glynn	31520
4D	OP	S	GT	DFO	55.4	46.0	58.1	1972	GA	Glynn	31520
4E	OP	S	GT	DFO	55.4	46.0	58.1	1972	GA	Glynn	31520
4F	OP	S	GT	DFO	55.4	46.0	58.1	1972	GA	Glynn	31520
IC1	OP	S	IC	DFO	2.0	2.0	2.0	1964	GA	Glynn	31520

Existing Generators

Southern Subregion

Georgia Power Company (7140)

Mitchell (727)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	27.5	20.0	20.0	1948	GA	Dougherty	31705
2	OP	S	ST	BIT	27.5	20.0	20.0	1948	GA	Dougherty	31705
3	OP	S	ST	BIT	163.2	153.0	153.0	1964	GA	Dougherty	31705
4A	OP	S	GT	DFO	41.9	31.0	39.7	1971	GA	Dougherty	31705
4B	OP	S	GT	DFO	41.9	31.0	39.7	1971	GA	Dougherty	31705
4C	OP	S	GT	DFO	41.9	31.0	39.7	1971	GA	Dougherty	31705

Morgan Falls (717)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	2.4	1.4	1.5	1903	GA	Fulton	30338
2	OP	S	HY	WAT	2.4	1.4	1.5	1903	GA	Fulton	30338
3	OP	S	HY	WAT	2.4	1.4	1.5	1903	GA	Fulton	30338
4	OP	S	HY	WAT	2.4	1.4	1.5	1903	GA	Fulton	30338
5	OP	S	HY	WAT	2.4	1.4	1.5	1903	GA	Fulton	30338
6	OP	S	HY	WAT	2.4	1.4	1.5	1903	GA	Fulton	30338
7	OP	S	HY	WAT	2.4	1.4	1.5	1903	GA	Fulton	30338

Nacoochee (718)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	2.4	3.0	3.0	1926	GA	Raburn	30523
2	OP	S	HY	WAT	2.4	3.0	3.0	1926	GA	Raburn	30523

Existing Generators

Southern Subregion

Georgia Power Company (7140)

North Highlands (719)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	9.2	10.5	11.0	1963	GA	Harris	36874
2	OP	S	HY	WAT	9.2	10.5	11.0	1963	GA	Harris	36874
3	OP	S	HY	WAT	9.2	10.5	11.0	1963	GA	Harris	36874
4	OP	S	HY	WAT	2.0	2.2	2.3	1963	GA	Harris	36874

Oliver Dam (720)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	18.0	17.7	17.8	1959	GA	Muscogee	36874
2	OP	S	HY	WAT	18.0	17.7	17.8	1959	GA	Muscogee	36874
3	OP	S	HY	WAT	18.0	17.7	17.8	1959	GA	Muscogee	36874
4	OP	S	HY	WAT	6.0	5.8	5.9	1959	GA	Muscogee	36874

Riverview (721)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	0.2	0.1	0.1	1918	GA	Harris	36874
2	OP	S	HY	WAT	0.2	0.1	0.1	1918	GA	Harris	36874

Robins (7348)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	91.9	80.0	92.7	1995	GA	Houston	31098
2	OP	S	GT	NG	91.9	80.0	92.7	1995	GA	Houston	31098

Existing Generators

Southern Subregion

Georgia Power Company (7140)

Scherer (6257)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	BIT	891.0	849.0	849.0	1982	GA	Monroe	31046
2	OP	J	ST	BIT	891.0	856.0	856.0	1984	GA	Monroe	31046
3	OP	J	ST	BIT	891.0	875.0	875.0	1987	GA	Monroe	31046
4	OP	J	ST	BIT	891.0	849.7	849.7	1989	GA	Monroe	31046

Sinclair Dam (722)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	22.5	21.9	22.0	1953	GA	Baldwin	31024
2	OP	S	HY	WAT	22.5	21.9	22.0	1953	GA	Baldwin	31024

Tallulah Falls (723)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	12.0	11.9	12.0	1913	GA	Habersham	30523
2	OP	S	HY	WAT	12.0	11.9	12.0	1913	GA	Habersham	30523
3	OP	S	HY	WAT	12.0	11.9	12.0	1914	GA	Habersham	30523
4	OP	S	HY	WAT	12.0	11.9	12.0	1913	GA	Habersham	30523
5	OP	S	HY	WAT	12.0	11.9	12.0	1913	GA	Habersham	30523
6	OP	S	HY	WAT	12.0	11.9	12.0	1920	GA	Habersham	30523

Terrora (724)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	8.0	8.3	8.3	1925	GA	Raburn	30523
2	OP	S	HY	WAT	8.0	8.3	8.3	1925	GA	Raburn	30523

Existing Generators

Southern Subregion

Georgia Power Company (7140)

Tugalo (725)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	11.2	13.0	13.1	1923	GA	Habersham	30523
2	OP	S	HY	WAT	11.2	13.0	13.1	1923	GA	Habersham	30523
3	OP	S	HY	WAT	11.2	13.0	13.1	1924	GA	Habersham	30523
4	OP	S	HY	WAT	11.2	13.0	13.1	1924	GA	Habersham	30523

Vogtle (649)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	NUC	1160.0	1148.0	1148.0	1987	GA	Burke	30830
2	OP	J	ST	NUC	1160.0	1149.0	1149.0	1989	GA	Burke	30830

Wallace Dam (6087)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	PS	WAT	52.2	53.3	53.2	1980	GA	Hancock	31024
2	OP	S	PS	WAT	52.2	53.3	53.2	1980	GA	Hancock	31024
3	OP	S	HY	WAT	56.2	57.4	57.3	1980	GA	Hancock	31024
4	OP	S	HY	WAT	56.2	57.4	57.3	1980	GA	Hancock	31024
5	OP	S	PS	WAT	52.2	53.3	53.2	1980	GA	Hancock	31024
6	OP	S	PS	WAT	52.2	53.3	53.2	1979	GA	Hancock	31024

Existing Generators

Southern Subregion

Georgia Power Company (7140)

Wansley (6052)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	BIT	952.0	889.0	891.0	1976	GA	Heard	30170
2	OP	J	ST	BIT	952.0	889.0	891.0	1978	GA	Heard	30170
5A	OP	J	GT	DFO	52.8	0.0	33.2	1980	GA	Heard	30170

Wilson (6258)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
5A	OP	S	GT	DFO	53.1	46.0	60.8	1972	GA	Burke	30830
5B	OP	S	GT	DFO	53.1	46.0	60.8	1972	GA	Burke	30830
5C	OP	S	GT	DFO	53.1	46.0	60.8	1972	GA	Burke	30830
5D	OP	S	GT	DFO	53.1	46.0	60.8	1973	GA	Burke	30830
5E	OP	S	GT	DFO	53.1	46.0	60.8	1973	GA	Burke	30830
5F	OP	S	GT	DFO	53.1	46.0	60.8	1973	GA	Burke	30830
IC1	OP	S	IC	DFO	2.6	2.5	2.5	1972	GA	Burke	30830

Yates (728)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	122.5	99.0	99.0	1950	GA	Coweta	30264
2	OP	S	ST	BIT	122.5	105.0	105.0	1950	GA	Coweta	30264
3	OP	S	ST	BIT	122.5	112.0	112.0	1952	GA	Coweta	30264
4	OP	S	ST	BIT	156.2	135.0	135.0	1957	GA	Coweta	30264
5	OP	S	ST	BIT	156.2	137.0	137.0	1958	GA	Coweta	30264
6	OP	S	ST	BIT	403.7	352.0	352.0	1974	GA	Coweta	30264
7	OP	S	ST	BIT	403.7	355.0	355.0	1974	GA	Coweta	30264

Existing Generators

Southern Subregion

Georgia Power Company (7140)

Yonah (729)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	7.5	9.5	9.5	1925	GA	Stephens	30523
2	OP	S	HY	WAT	7.5	9.5	9.5	1925	GA	Stephens	30523
3	OP	S	HY	WAT	7.5	9.5	9.5	1925	GA	Stephens	30523

Gulf Power Company (7801)

Crist (641)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	28.1	24.0	24.0	1945	FL	Escambia	32514
2	OP	S	ST	NG	28.1	24.0	24.0	1949	FL	Escambia	32514
3	OP	S	ST	NG	37.5	35.0	35.0	1952	FL	Escambia	32514
4	OP	S	ST	BIT	93.8	78.0	78.0	1959	FL	Escambia	32514
5	OP	S	ST	BIT	93.8	80.0	80.0	1961	FL	Escambia	32514
6	OP	S	ST	BIT	369.8	302.0	302.0	1970	FL	Escambia	32514
7	OP	S	ST	BIT	578.0	477.0	477.0	1973	FL	Escambia	32514

Lansing Smith (643)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	149.6	162.0	162.0	1965	FL	Bay	32409
2	OP	S	ST	BIT	190.4	189.0	189.0	1967	FL	Bay	32409
3A	OP	S	CT	NG	619.7	535.0	564.0	2002	FL	Bay	32409
3B	OP	S	CT	NG	619.7	535.0	564.0	2002	FL	Bay	32409
3S	OP	S	CA	NG	619.7	535.0	564.0	2002	FL	Bay	32409
CT1	OP	S	GT	DFO	41.9	32.0	40.0	1971	FL	Bay	32409

Existing Generators

Southern Subregion

Gulf Power Company (7801)

Pea Ridge (7715)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	4.8	4.0	4.6	1998	FL	Santa Rosa	32571
2	OP	S	GT	NG	4.8	4.0	4.6	1998	FL	Santa Rosa	32571
3	OP	S	GT	NG	4.8	4.0	4.6	1998	FL	Santa Rosa	32571

Scholz (642)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	49.0	46.0	46.0	1953	FL	Jackson	32460
2	OP	S	ST	BIT	49.0	46.0	46.0	1953	FL	Jackson	32460

Mississippi Power Company (12686)

Chevron Oil (2047)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	18.2	15.0	19.6	1967	MS	Jackson	39567
2	OP	S	GT	NG	18.2	15.0	19.6	1967	MS	Jackson	39567
3	OP	S	GT	NG	18.2	16.0	19.6	1971	MS	Jackson	39567
4	OP	S	GT	NG	18.2	16.0	19.6	1971	MS	Jackson	39567
5	OP	S	GT	NG	74.6	65.0	83.3	1994	MS	Jackson	39567

Eaton (2046)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	25.9	25.5	25.5	1945	MS	Forest	39465
2	OP	S	ST	NG	25.9	25.5	25.5	1947	MS	Forest	39465
3	OP	S	ST	NG	25.9	25.3	25.3	1949	MS	Forest	39465

Existing Generators

Southern Subregion

Mississippi Power Company (12686)

Jack Watson (2049)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	75.0	80.0	80.0	1957	MS	Harrison	39501
2	OP	S	ST	NG	75.0	81.0	81.0	1960	MS	Harrison	39501
3	OP	S	ST	NG	112.0	105.0	105.0	1962	MS	Harrison	39501
4	OP	S	ST	BIT	250.0	263.0	230.0	1968	MS	Harrison	39501
5	OP	S	ST	BIT	500.0	512.0	476.0	1973	MS	Harrison	39501
A	OP	S	GT	NG	39.4	33.0	41.2	1970	MS	Harrison	39501

Sweatt (2048)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	40.0	46.8	46.8	1951	MS	Lauderdale	39302
2	OP	S	ST	NG	40.0	46.8	46.8	1953	MS	Lauderdale	39302
A	OP	S	GT	NG	39.4	32.0	40.6	1971	MS	Lauderdale	39302

Victor J Daniel Jr (6073)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	BIT	500.0	522.0	522.0	1977	MS	Jackson	39552
2	OP	J	ST	BIT	500.0	528.0	528.0	1981	MS	Jackson	39552

Existing Generators

Southern Subregion

Savannah Electric & Power Company (16687)

Boulevard (732)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	19.7	14.0	18.6	1970	GA	Chatham	31405
2	OP	S	GT	NG	19.7	14.0	18.6	1970	GA	Chatham	31405
3	OP	S	GT	NG	19.7	13.0	17.6	1970	GA	Chatham	31405

Kraft (733)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
2	OP	S	ST	BIT	54.4	52.0	52.0	1961	GA	Chatham	31407
3	OP	S	ST	BIT	103.5	102.0	102.0	1965	GA	Chatham	31407
4	OP	S	ST	BIT	126.0	115.0	115.0	1972	GA	Chatham	31407
PWA	OP	S	GT	NG	22.0	17.0	20.3	1969	GA	Chatham	31407
ST1	OP	S	ST	BIT	50.0	48.0	48.0	1958	GA	Chatham	31407

McIntosh (6124)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	177.6	155.0	155.0	1979	GA	Effingham	31326
CT1	OP	W	GT	NG	80.0	83.5	94.5	1995	GA	Effingham	31326
CT2	OP	W	GT	NG	80.0	83.5	94.5	1995	GA	Effingham	31326
CT3	OP	W	GT	NG	80.0	83.5	94.5	1994	GA	Effingham	31326
CT4	OP	W	GT	NG	80.0	83.5	94.5	1994	GA	Effingham	31326
CT5	OP	W	GT	NG	80.0	83.5	94.5	1994	GA	Effingham	31326
CT6	OP	W	GT	NG	80.0	83.5	94.5	1994	GA	Effingham	31326
CT7	OP	W	GT	NG	80.0	83.5	94.5	1994	GA	Effingham	31326
CT8	OP	W	GT	NG	80.0	83.5	94.5	1994	GA	Effingham	31326

Existing Generators

Southern Subregion

Savannah Electric & Power Company (16687)

Riverside (734)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
4	OP	S	ST	NG	15.0	20.0	20.0	1926	GA	Chatham	31402
5	OP	S	ST	NG	7.5	9.0	9.0	1936	GA	Chatham	31402
6	OP	S	ST	NG	24.7	19.0	19.0	1949	GA	Chatham	31402
7	OP	S	ST	NG	21.3	20.0	20.0	1954	GA	Chatham	31402
8	OP	S	ST	NG	37.5	39.0	39.0	1956	GA	Chatham	31402

South Mississippi Electric Power Association (17568)

Benndale (2068)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	16.2	16.2	16.2	1969	MS	George	39452

Moselle (2070)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NG	59.0	59.0	59.0	1970	MS	Jones	39459
2	OP	S	ST	NG	59.0	59.0	59.0	1970	MS	Jones	39459
3	OP	S	ST	NG	59.0	59.0	59.0	1970	MS	Jones	39459
4	OP	S	GT	NG	83.0	83.0	83.0	1997	MS	Jones	39459

Paulding (2071)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	DFO	20.0	20.0	20.0	1972	MS	Jasper	39348

Existing Generators

Southern Subregion

South Mississippi Electric Power Association (17568)

R D Morrow (6061)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	200.0	200.0	200.0	1978	MS	Lamar	39475
2	OP	S	ST	BIT	200.0	200.0	200.0	1978	MS	Lamar	39475

Southern Power Company (17650)

Dahlberg (7709)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	91.9	75.0	89.3	2000	GA	Jackson	30565
10	OP	S	GT	NG	91.9	75.0	89.3	2000	GA	Jackson	30565
2	OP	S	GT	NG	91.9	75.0	89.3	2000	GA	Jackson	30565
3	OP	S	GT	NG	91.9	75.0	89.3	2000	GA	Jackson	30565
4	OP	S	GT	NG	91.9	75.0	89.3	2000	GA	Jackson	30565
5	OP	S	GT	NG	91.9	75.0	89.3	2000	GA	Jackson	30565
6	OP	S	GT	NG	91.9	75.0	89.3	2000	GA	Jackson	30565
7	OP	S	GT	NG	91.9	75.0	89.3	2000	GA	Jackson	30565
8	OP	S	GT	NG	91.9	75.0	89.3	2000	GA	Jackson	30565
9	OP	S	GT	NG	91.9	75.0	89.3	2000	GA	Jackson	30565

Franklin (7710)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	CC	NG	619.7	561.0	561.0	2002	AL	Lee	36877

Existing Generators

Southern Subregion

Southern Power Company (17650)

Wansley (6052)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
6	OP	S	CC	NG	619.7	566.4	566.4	2002	GA	Heard	30170
7	OP	S	CC	NG	619.7	568.1	568.1	2002	GA	Heard	30170

USCE - Mobile District (27813)

Allatoona (760)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	42.3	35.0	34.0	1950	GA	Bartow	30120
2	OP	S	HY	WAT	42.3	30.0	29.0	1950	GA	Bartow	30120
A	OP	S	HY	WAT	2.0	2.0	2.0	1950	GA	Bartow	30120

Buford (759)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	40.0	46.0	46.0	1957	GA	Forsyth	30518
2	OP	S	HY	WAT	40.0	46.0	46.0	1957	GA	Forsyth	30518
3	OP	S	HY	WAT	6.0	6.0	6.0	1957	GA	Forsyth	30518

Carters (6130)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	125.0	137.0	143.0	1975	GA	Murray	30705
2	OP	S	HY	WAT	125.0	137.0	143.0	1975	GA	Murray	30705
3	OP	S	PS	WAT	125.0	143.0	143.0	1977	GA	Murray	30705
4	OP	S	PS	WAT	125.0	143.0	143.0	1977	GA	Murray	30705

Existing Generators

Southern Subregion

USCE - Mobile District (27813)

Jones Bluff (6131)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OS	S	HY	WAT	21.5	20.5	20.5	1975	AL	Autauga	36703
2	OP	S	HY	WAT	21.5	20.5	20.5	1975	AL	Autauga	36703
3	OS	S	HY	WAT	21.5	20.5	20.5	1975	AL	Autauga	36703
4	OP	S	HY	WAT	21.5	20.5	20.5	1975	AL	Autauga	36703

Millers Ferry (38)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OS	S	HY	WAT	33.7	30.0	30.0	1970	AL	Wilcox	36726
2	OP	S	HY	WAT	33.7	30.0	30.0	1970	AL	Wilcox	36726
3	OP	S	HY	WAT	33.7	30.0	30.0	1970	AL	Wilcox	36726

Walter F George (761)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	32.5	37.5	37.5	1963	GA	Clay	31751
2	OP	S	HY	WAT	32.5	32.5	32.5	1963	GA	Clay	31751
3	OP	S	HY	WAT	32.5	37.5	37.5	1963	GA	Clay	31751
4	OP	S	HY	WAT	32.5	37.5	37.5	1963	GA	Clay	31751

West Point (6133)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	3.3	3.0	3.0	1975	GA	Troup	31833
2	OP	S	HY	WAT	35.0	40.2	40.2	1975	GA	Troup	31833
3	OP	S	HY	WAT	35.0	40.2	40.2	1975	GA	Troup	31833

Planned Generators
Southern Subregion

Alabama Power Company (195)

APC1 (7708)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
1	IP	S	CC	NG	300.0	300.0	300.0	05/2000	AL		
2	IP	S	CC	NG	270.0	270.0	270.0	05/2001	AL		

APC2 (7876)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
1	IP	S	CT	NG	300.0	300.0	300.0	05/2005	AL		

APC3 (7877)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
1	IP	S	CC	NG	200.0	200.0	200.0	05/2006	AL		

Mississippi Power Company (12686)

MPC1 (7875)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
1	IP	S	GT	NG	360.0	360.0	360.0	05/2007	MS		

Planned Generators
Southern Subregion

Mississippi Power Company (12686)

NA 1 (7287)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	IP	S	GT	NG	100.0	100.0	100.0	01/1997	MS		
2	IP	S	GT	NG	100.0	100.0	100.0	01/2000	MS		
3	IP	S	GT	NG	100.0	100.0	100.0	01/2000	MS		
4	IP	S	GT	NG	100.0	100.0	100.0	01/2000	MS		

Municipal Electric Authority (13100)

MEAG1 (7879)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	IP	S	GT	NG	170.9	162.0	162.0	07/2003	GA		

MEAG2 (7880)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	IP	S	GT	NG	170.9	162.0	162.0	06/2004	GA		

MEAG3 (7881)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	IP	S	GT	NG	170.9	162.0	162.0	06/2004	GA		

Planned Generators
Southern Subregion

Municipal Electric Authority (13100)

W R Clayton (7968)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	L	S	GT	NG	179.6	155.0	180.0	01/2005	GA	Walton	30655
2	L	S	GT	NG	179.6	155.0	180.0	01/2009	GA	Walton	30655
3	L	S	GT	NG	179.6	155.0	180.0	01/2012	GA	Walton	30655

Wansley (7946)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
9	U	S	CC	NG	568.0	519.0	519.0	04/2004	GA	Heard	30170

South Mississippi Electric Power Association (17568)

Moselle (2070)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
5	T	S	GT	NG	83.0	75.0	90.0	05/2006	MS	Jones	39459

Silver Creek (7988)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	V	S	GT	NG	83.0	75.0	90.0	05/2003	MS	Jefferson Davis	39474
2	T	S	GT	NG	83.0	75.0	90.0	05/2004	MS	Jefferson Davis	39474
3	T	S	GT	NG	83.0	75.0	90.0	05/2005	MS	Jefferson Davis	39474

Planned Generators

Southern Subregion

South Mississippi Electric Power Association (17568)

Sylvarena (7989)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	V	S	GT	NG	47.0	43.0	50.0	05/2003	MS	Smith	39153
2	V	S	GT	NG	47.0	43.0	50.0	05/2003	MS	Smith	39153
3	V	S	GT	NG	47.0	43.0	50.0	05/2003	MS	Smith	39153

Southern Power Company (17650)

Franklin (7710)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
2	V	S	CC	NG	659.5	615.0	615.0	06/2003	AL	Lee	36877
3	L	S	CC	NG	659.5	615.0	615.0	06/2005	AL	Lee	36877

Harris (7897)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	V	S	CC	NG	659.5	615.0	615.0	06/2003	AL	Autauga	36003
2	V	S	CC	NG	659.5	615.0	615.0	06/2003	AL	Autauga	36003

McIntosh (999996)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
10	L	S	CC	NG	659.5	615.0	615.0	06/2005	GA	Effingham	31326
11	L	S	CC	NG	659.5	615.0	615.0	06/2005	GA	Effingham	31326

Planned Generators

Southern Subregion

Southern Power Company (17650)

Stanton (999995)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	V	J	CC	NG	659.5	615.0	615.0	10/2003	FL	Orange	32831

Jointly Owned Existing Generating Units **Southern Subregion**

Alabama Power Company (195)

E C Gaston (26) Unit 1

NamePlate: 272.00

owner			owner		
	percent ownership	summer capacity owned		percent ownership	summer capacity owned
195 Alabama Power Company	50.00	127.00	7140 Georgia Power Company	50.00	127.00

E C Gaston (26) Unit 2

NamePlate: 272.00

owner			owner		
	percent ownership	summer capacity owned		percent ownership	summer capacity owned
195 Alabama Power Company	50.00	129.50	7140 Georgia Power Company	50.00	129.50

E C Gaston (26) Unit 3

NamePlate: 272.00

owner			owner		
	percent ownership	summer capacity owned		percent ownership	summer capacity owned
195 Alabama Power Company	50.00	130.00	7140 Georgia Power Company	50.00	130.00

Jointly Owned Existing Generating Units **Southern Subregion**

Alabama Power Company (195)

E C Gaston (26) Unit GT4

NamePlate: 21.30

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
195	Alabama Power Company		50.00	8.00	7140	Georgia Power Company		50.00	8.00

E C Gaston (26) Unit ST4

NamePlate: 244.80

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
195	Alabama Power Company		50.00	128.00	7140	Georgia Power Company		50.00	128.00

Greene County (10) Unit 1

NamePlate: 299.20

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
195	Alabama Power Company		60.00	157.20	12686	Mississippi Power Company		40.00	104.80

Jointly Owned Existing Generating Units **Southern Subregion**

Alabama Power Company (195)

Greene County (10) Unit 2

NamePlate: 269.30

	owner	percent ownership	summer capacity owned		owner
195	Alabama Power Company	60.00	153.00	12686	Mississippi Power Company
					percent ownership
					summer capacity owned

James H Miller Jr (6002) Unit 1

NamePlate: 705.50

	owner	percent ownership	summer capacity owned		owner
195	Alabama Power Company	91.84	589.61	189	Alabama Electric Cooperative, Inc.
					percent ownership
					summer capacity owned

James H Miller Jr (6002) Unit 2

NamePlate: 705.50

	owner	percent ownership	summer capacity owned		owner
195	Alabama Power Company	91.84	589.61	189	Alabama Electric Cooperative, Inc.
					percent ownership
					summer capacity owned

Jointly Owned Existing Generating Units **Southern Subregion**

Georgia Power Company (7140)

Edwin I Hatch (6051) Unit 1

NamePlate: 924.00

	owner	percent ownership	summer capacity owned		owner	percent ownership	summer capacity owned
7140	Georgia Power Company	50.10	462.92	13994	Oglethorpe Power Corporation	30.00	277.20
13100	Municipal Electric Authority	17.69	163.46	4744	Dalton, City of	2.20	20.33

Edwin I Hatch (6051) Unit 2

NamePlate: 924.00

	owner	percent ownership	summer capacity owned		owner	percent ownership	summer capacity owned
7140	Georgia Power Company	50.10	462.92	13994	Oglethorpe Power Corporation	30.00	277.20
13100	Municipal Electric Authority	17.69	163.46	4744	Dalton, City of	2.20	20.33

Scherer (6257) Unit 1

NamePlate: 891.00

	owner	percent ownership	summer capacity owned		owner	percent ownership	summer capacity owned
13994	Oglethorpe Power Corporation	60.00	509.40	13100	Municipal Electric Authority	30.19	256.31
7140	Georgia Power Company	8.40	71.32	4744	Dalton, City of	1.38	11.72

Jointly Owned Existing Generating Units

Southern Subregion

Georgia Power Company (7140)

Scherer (6257) Unit 2

NamePlate: 891.00

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
13994	Oglethorpe Power Corporation		60.00	513.60	13100	Municipal Electric Authority		30.19	258.43
7140	Georgia Power Company		8.40	71.90	4744	Dalton, City of		1.38	11.81

Scherer (6257) Unit 3

NamePlate: 891.00

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
7140	Georgia Power Company		75.00	656.25	7801	Gulf Power Company		25.00	218.75

Scherer (6257) Unit 4

NamePlate: 891.00

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
6452	Florida Power & Light Co		76.40	649.17	9617	Jacksonville Electric Auth		23.60	200.53

Jointly Owned Existing Generating Units

Southern Subregion

Georgia Power Company (7140)

Vogtle (649) Unit 1

NamePlate: 160.00

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
7140	Georgia Power Company		45.70	524.64	13994	Oglethorpe Power Corporation		30.00	344.40
13100	Municipal Electric Authority		22.69	260.48	4744	Dalton, City of		1.60	18.37

Vogtle (649) Unit 2

NamePlate: 160.00

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
7140	Georgia Power Company		45.70	525.09	13994	Oglethorpe Power Corporation		30.00	344.70
13100	Municipal Electric Authority		22.69	260.71	4744	Dalton, City of		1.60	18.38

Wansley (6052) Unit 1

NamePlate: 952.00

owner			percent ownership	summer capacity owned	owner			percent ownership	summer capacity owned
7140	Georgia Power Company		53.50	475.62	13994	Oglethorpe Power Corporation		30.00	266.70
13100	Municipal Electric Authority		15.08	134.06	4744	Dalton, City of		1.38	12.27

Jointly Owned Existing Generating Units
Southern Subregion

Georgia Power Company (7140)

Wansley (6052) Unit 2

NamePlate: 952.00

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
7140 Georgia Power Company	53.50	475.62	13994 Oglethorpe Power Corporation	30.00	266.70
13100 Municipal Electric Authority	15.08	134.06	4744 Dalton, City of	1.38	12.27

Wansley (6052) Unit 5A

NamePlate: 52.80

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
7140 Georgia Power Company	53.50	0.00	13994 Oglethorpe Power Corporation	30.00	0.00
13100 Municipal Electric Authority	15.08	0.00	4744 Dalton, City of	1.38	0.00

Mississippi Power Company (12686)

Victor J Daniel Jr (6073) Unit 1

NamePlate: 500.00

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
7801 Gulf Power Company	50.00	261.00	12686 Mississippi Power Company	50.00	261.00

Jointly Owned Existing Generating Units
Southern Subregion

Mississippi Power Company (12686)

Victor J Daniel Jr (6073) Unit 2

NamePlate: 500.00

	owner	percent ownership	summer capacity owned		owner	percent ownership	summer capacity owned
7801	Gulf Power Company	50.00	264.00	12686	Mississippi Power Company	50.00	264.00

- Sales and Purchases -

Southern Subregion	Purchase										Summer
Other Party Name	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Aquila Energy Marketing Corp	281	281	281	281	281	281	281	281	281	281	281
Enron Power Marketing Inc	170	50	0	0	0	0	0	0	0	0	0
Entergy Services, Inc.	70	0	0	0	0	0	0	0	0	0	0
Louisiana Generating, LLC	75	75	75	75	75	75	75	0	0	0	0
Monroe Water Light & Gas Comm	150	150	150	0	0	0	0	0	0	0	0
Other or Undesignated	100	0	0	0	0	0	0	0	0	0	0
Other or Undesignated	0	0	0	0	300	540	1,020	1,710	2,610	2,010	2,250
Other or Undesignated	537	848	1,262	1,713	1,713	1,713	1,713	1,248	934	620	0
Power Market	1,830	2,045	2,339	0	0	0	0	0	0	0	0
Power Market	0	0	0	1,235	1,477	1,720	1,976	2,326	2,602	2,891	3,193
Power Market	0	0	0	309	369	430	494	582	651	723	798
Power Market	0	0	0	309	369	430	494	582	651	723	798
Reliant Energy Services Inc	58	0	0	0	0	0	0	0	0	0	0
Southeastern Power Admin	321	321	321	321	321	321	321	321	321	321	321
Southern Wholesale Energy	56	56	56	52	0	0	0	0	0	0	0
The Energy Authority	50	50	0	0	0	0	0	0	0	0	0
USCE-Wilmington District	558	558	558	558	558	558	558	558	558	558	558
West Georgia Generating	100	100	0	0	0	0	0	0	0	0	0

- Sales and Purchases -

Southern Subregion	Purchase										Winter
Other Party Name	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Aquila Energy Marketing Corp	281	281	281	281	281	281	281	281	281	281	281
Enron Power Marketing Inc	170	50	0	0	0	0	0	0	0	0	0
Entergy Services, Inc.	140	0	0	0	0	0	0	0	0	0	0
Louisiana Generating, LLC	75	75	75	75	75	75	0	0	0	0	0
Monroe Water Light & Gas Comm	150	150	0	0	0	0	0	0	0	0	0
Other or Undesignated	0	0	0	0	300	540	1,020	1,710	2,610	2,010	2,250
Other or Undesignated	537	848	1,262	1,713	1,713	1,713	1,713	1,248	934	620	0
Power Market	1,051	922	499	0	0	0	0	0	0	0	0
Power Market	0	0	269	572	838	980	1,236	1,431	1,626	1,829	2,042
Power Market	0	0	67	143	209	245	309	357	406	457	510
Power Market	0	0	67	143	209	245	309	357	406	457	510
Reliant Energy Services Inc	58	0	0	0	0	0	0	0	0	0	0
Southeastern Power Admin	321	321	321	321	321	321	321	321	321	321	321
Southern Wholesale Energy	56	56	56	47	0	0	0	0	0	0	0
The Energy Authority	20	0	0	0	0	0	0	0	0	0	0
USCE-Wilmington District	558	558	558	558	558	558	558	558	558	558	558
West Georgia Generating	100	0	0	0	0	0	0	0	0	0	0

- Sales and Purchases -

Southern Subregion	Sale									Summer	
Other Party Name	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Florida Power & Light Co	929	931	931	931	931	931	931	931	0	0	0
Florida Power Corp	413	414	414	414	414	414	414	414	0	0	0
Jacksonville Electric Auth	207	208	208	208	208	208	208	208	0	0	0
Kankakee Valley Rural E M C	1,114	1,014	1,014	260	260	260	260	260	260	0	0
North Carolina El Member Corp	0	0	100	100	0	0	0	0	0	0	0
North Carolina Mun Power Agny	125	125	125	125	0	0	0	0	0	0	0
Other or Undesignated	0	0	0	141	141	141	141	141	141	141	141
Southern Wholesale Energy	0	0	0	0	700	700	700	700	700	700	700

- Sales and Purchases -

Southern Subregion	Sale										Winter
Other Party Name	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Florida Power & Light Co	931	931	931	931	931	931	931	931	931	931	931
Florida Power Corp	414	414	414	414	414	414	414	414	414	414	414
Jacksonville Electric Auth	208	208	208	208	208	208	208	208	208	208	208
Kankakee Valley Rural E M C	1,114	1,014	1,014	260	260	260	260	260	260	0	0
North Carolina El Member Corp	0	100	100	100	0	0	0	0	0	0	0
North Carolina Mun Power Agny	125	125	125	125	0	0	0	0	0	0	0
Other or Undesignated	0	0	141	141	141	141	141	141	141	141	141
Southern Wholesale Energy	0	0	0	700	700	700	700	700	700	700	700

- Transmission Additions -

Southern Subregion

<u>In Subregion</u>		<u>Line Length (Miles)</u>	<u>Voltage, kV</u>		<u>In-Service Date</u>
<u>Terminal Locations</u>			<u>Operating</u>	<u>Design</u>	
<u>Alabama Power Co</u>					
ACIPCO T.S.	ACIPCO EAF	0.50	230	230	11/2002
ACIPCO T.S.	Pratt City T.S.	0.50	230	230	11/2002
Ashland T.S.	Gaston S.P.	0.25	230	230	04/2005
Ashland T.S.	Roopville	0.25	230	230	04/2005
Autaugaville S.S.	County Line Road	15.70	230	230	05/2003
Autaugaville S.S.	Snowdown T.S.	0.50	500	500	01/2003
Autaugaville S.S.	South Bessemer T.S.	0.50	500	500	01/2003
Bessemer	East Pelham	0.50	230	230	05/2007
Boyles	ACIPCO S.S.	5.00	230	230	04/2010
Boyles	Westover	0.20	230	230	05/2012
County Line Road	Madison Park T.S.	22.00	230	230	05/2012
County Line Road	Montgomery S.S.	1.50	230	230	05/2003
Delta S.S.	Ashland T.S.	0.25	230	230	04/2006
Delta S.S.	Crooked Creek	8.00	230	230	05/2006
Delta S.S.	Roopville	0.25	230	230	04/2006
Farley N.P.	Cottonwood T.S.	0.50	230	230	11/2005
Gaston	County Line Road	1.00	230	230	05/2003
Gaston S.P.	East Pelham	0.50	230	230	05/2007
Gaston S.P.	Westover	0.20	230	230	05/2012
Hillabee S.S.	Danway	0.25	230	230	11/2002
Hillabee S.S.	Gaston S.P. (#1)	0.25	230	230	11/2002
Hillabee S.S.	Gaston S.P. (#2)	0.25	230	230	11/2002
Hillabee S.S.	Goat Rock	0.25	230	230	11/2002
Holt	West Tuscaloosa	7.50	230	230	05/2009
Hyundai S.S.	Montgomery S.S.	1.50	230	230	04/2004
Hyundai S.S.	Snowdown T.S.	1.50	230	230	04/2004
Magella	Bessemer	6.80	230	230	05/2005
Monroeville T.S.	Alabama River Newsprint	0.40	230	230	05/2012
Monroeville T.S.	Belleville	0.40	230	230	05/2012

- Transmission Additions -

Southern Subregion

<u>In Subregion</u>		Line Length (Miles)	Voltage, kV		In-Service Date
Terminal Locations			Operating	Design	
Alabama Power Co					
North Anniston T.S.	Anniston T.S.	0.50	230	230	04/2007
North Anniston T.S.	Gadsden S.P.	22.00	230	230	04/2010
North Anniston T.S.	Hammond S.P.	0.50	230	230	04/2007
North Opelika	Gaston S.P.	0.50	230	230	05/2003
North Opelika	Goat Rock (#1)	0.50	230	230	05/2003
Pike County	Pinckard	0.10	230	230	05/2004
Pike County	Snowdown	0.10	230	230	05/2004
Pinckard	North Dothan	0.30	230	230	04/2011
Sinai Cemetery (Scholz)	Cottonwood T.S.	0.50	230	230	11/2005
Snowdown	Madison Park	31.00	230	230	05/2005
South Enterprise	Opp T.S.	0.50	230	230	04/2006
South Enterprise	Pinckard T.S.	0.50	230	230	04/2006
Turf Club T.S.	Boyles T.S.	0.50	230	230	04/2011
Turf Club T.S.	Gaston S.P.	0.50	230	230	04/2011
Webb	North Dothan	0.30	230	230	04/2011

- Transmission Additions -

Southern Subregion

<u>In Subregion</u>		Line Length (Miles)	Voltage, kV		In-Service Date
Terminal Locations			Operating	Design	
<u>Georgia Power Co</u>					
AUGUSTA 15TH ST	EVANS	15.00	230	230	06/2005
BIO	MIDDLE FORK	30.00	230	230	06/2011
BUCKHEAD	PEACHTREE	2.50	230	230	06/2010
CEDARTOWN	ARAGON	15.00	230	230	06/2005
CENTER	E. WATKINSVILLE	14.00	230	230	06/2010
CLAXTON	VIDALIA	34.00	230	230	06/2009
CLERMONT JCT	SOUTH HALL	18.00	230	230	06/2005
CLERMONT JCT.	CLERMONT JCT.	19.00	230	230	06/2004
CONYERS	CORNISH MTN.	10.00	230	230	06/2012
CONYERS	PONCE DE LEON	19.00	230	230	06/2012
CUMMING	SHOAL CREEK	5.00	230	230	06/2007
DAVIS STREET	EAST POINT	12.00	230	230	06/2005
DAWSON CROSSING	S. DAHLONEGA	7.00	230	230	06/2010
DUM JON	THOMSON	20.00	230	230	06/2010
E. MOULTRIE	RACCOON CREEK	25.00	230	230	06/2011
GLAZE DRIVE	HOLCOMB BRIDGE	2.00	230	230	10/2004
HICKORY GROVE	WEST VALDOSTA	18.00	230	230	06/2010
HOLLY SPRINGS	MCGRAW FORD	9.00	230	230	06/2007
HOPEWELL	MCGRAW FORD	11.00	230	230	06/2012
KLONDIKE	STOCKBRIDGE	12.00	230	230	06/2012
McDONOUGH	STOCKBRIDGE	12.00	230	230	06/2012
MCGRAU FORD	MOSTELLAR SPRINGS	35.00	500	500	06/2007
N. MARIETTA	SMYRNA	5.50	230	230	06/2010
OLD ALABAMA	MARTINS LANDING	4.00	230	230	10/2004
PANTHERSVILLE	SCOTTDALE	15.00	230	230	06/2012
PARKAIRE	ROSWELL	5.00	230	230	06/2011
PONCE DE LEON	SNELLVILLE	12.00	230	230	06/2011
RACCOON CREEK	THOMASVILLE	36.00	230	230	06/2012
SHOAL CREEK	SUWANEE	12.00	230	230	06/2012

- Transmission Additions -

Southern Subregion

<u>In Subregion</u>		Line Length (Miles)	Voltage, kV		In-Service Date
Terminal Locations			Operating	Design	
<u>Georgia Power Co</u>					
SOUTH HALL	WALLACE DAM	82.00	500	500	06/2009
THOMSON	WADLEY	50.00	500	500	06/2010
UNION CITY	WANSLEY	34.00	500	500	05/2012
<u>Georgia Transmission Corporation</u>					
Augusta	Wadley	45.00	500	500	12/2012
Big Shanty	McConnell Road	9.00	230	230	05/2003
Bio	Center	36.00	230	230	06/2006
Bio	Middlefork	30.00	230	230	06/2006
Deshong	Ponce De Leon	15.00	230	230	06/2009
Dresden	South Coweta	25.00	230	230	06/2005
East Moultrie	West Valdosta	38.00	230	230	06/2003
Fortson	Bonaire	78.00	500	500	06/2009
Fortson	North Americus	57.00	500	500	06/2012
Holcomb Bridge	Martins Landing	3.40	230	230	03/2003
McConnell Road	North Paulding County	18.00	230	230	06/2006
McGraw Ford	Cumming	19.00	230	230	06/2007
North Paulding County	Hickory Level	15.00	230	230	06/2006
North Paulding County	North Aragon	10.00	230	230	06/2006
South Coweta	O'hara	20.00	230	230	06/2011
Spout Springs	Shoal Creek	14.00	230	230	03/2003
Yates	Line Creek	17.40	230	230	06/2003
Yellowdirt	Dresden	8.00	230	230	06/2003
Yellowdirt	Hickory Level	31.00	230	230	06/2004

- Transmission Additions -

Southern Subregion

<u>in Subregion</u>		Line Length (Miles)	Voltage, kV		In-Service Date
Terminal Locations			Operating	Design	
<u>Gulf Power Co</u>					
Choctawhatchee North	Choctawhatchee South	4.00	230	230	06/2009
Crystal Beach	Choctawhatchee South	2.00	230	230	06/2009
Rogue Creek	Choctawhatchee North	15.00	230	230	06/2009
<u>Mississippi Power Co</u>					
Enterprise	Plant Sweatt	13.10	230	230	03/2003
Kiln	Picayune	24.00	230	230	06/2011
<u>Municipal Electric Authority of Georgia</u>					
Fort Valley Tap	Fort Valley #1	8.00	230	230	06/2007
LPM	Cornish Mountain	17.00	230	230	06/2012
Raccoon Creek	East Moultrie	28.00	230	230	06/2011
W R Clayton	LPM	1.00	230	230	06/2005
<u>Savannah Electric & Power Co</u>					
Dean Forest	Little Ogeechee	0.00	230	230	06/2005

- NERC Form 5 (Transmission Mileage) -

<i>Southern Subregion</i>	230kV	345kV	500kV	765kV	Total
Existing	7,298	0	1,981	0	9,279
Transmission Additions - 1st Five Years	501	0	36	0	537
Transmission Additions - 2nd Five Years	484	0	346	0	830
Total	8,283	0	2,363	0	10,646

Note: Existing data is "as of 01/01/03"

INSERT TAB

TVA

- Demand and Energy (Monthly) -

<i>TVA Subregion</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>
2002 Actual Demand	26,063	26,174	26,070	24,032	24,605	27,612	28,408	29,156	28,722	25,788	22,964	25,893
2002 Actual NEL	14,274	12,688	13,227	12,632	12,856	14,373	15,898	15,853	14,153	12,635	13,062	14,563
2003 Forecast Demand	28,961	27,290	24,571	22,116	25,574	29,105	29,909	29,467	27,627	22,661	24,585	27,257
2003 Forecast NEL	15,843	13,783	13,481	12,494	13,315	14,217	15,763	15,643	13,556	13,279	13,053	14,806
2004 Forecast Demand	29,267	27,420	25,118	22,636	26,086	29,730	30,549	30,107	28,221	23,200	25,525	27,909
2004 Forecast NEL	15,965	14,203	13,765	12,788	13,555	14,498	16,077	15,959	13,822	13,600	13,621	15,161

- Demand and Energy (Annual) -

TVA Subregion	actual	forecast									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<u>Annual</u>											
NEL Annual	166,214	169,233	173,014	175,274	177,876	181,001	184,525	188,089	192,056	193,390	194,883
<u>Summer</u>											
Internal Demand	29,156	29,909	30,549	31,122	31,962	32,802	33,713	34,632	35,627	36,453	37,200
Standby Demand	0	0	0	0	0	0	0	0	0	0	0
Total Internal Demand	29,156	29,909	30,549	31,122	31,962	32,802	33,713	34,632	35,627	36,453	37,200
Load Management	0	0	0	0	0	0	0	0	0	0	0
Interruptible Demand	1,987	2,099	2,110	2,094	1,973	1,842	1,811	1,723	1,595	1,535	1,524
Net Internal Demand	27,169	27,810	28,439	29,028	29,989	30,960	31,902	32,909	34,032	34,918	35,676
<u>Winter</u>											
Internal Demand	28,961	29,267	29,955	30,548	31,246	32,011	32,784	33,628	34,053	34,427	34,806
Standby Demand	0	0	0	0	0	0	0	0	0	0	0
Total Internal Demand	28,961	29,267	29,955	30,548	31,246	32,011	32,784	33,628	34,053	34,427	34,806
Load Management	0	0	0	0	0	0	0	0	0	0	0
Interruptible Demand	2,599	2,610	2,594	2,473	2,342	2,311	2,223	2,095	1,885	1,749	1,608
Net Internal Demand	26,362	26,657	27,361	28,075	28,904	29,700	30,561	31,533	32,168	32,678	33,198

- Capacity -

TVA Subregion	Summer										
	<i>actual</i>	<i>forecast</i>									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Existing Capacity Resources	32,034	32,034	32,059	32,172	32,357	32,547	32,754	32,782	33,552	34,571	35,344
Committed Planned Resources	0	25	113	185	190	207	28	20	19	23	17
Total Committed Resources	32,034	32,059	32,172	32,357	32,547	32,754	32,782	32,802	32,821	32,844	32,861
Distributed Generation, 1MW or Greater	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, 1 megawatt or greater	0	0	0	0	0	0	0	0	0	0	0
Distributed Generation, Less than 1MW	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, less than 1 megawatt	0	0	0	0	0	0	0	0	0	0	0
Uncommitted Planned Resources	0	0	0	0	0	0	0	750	1,750	2,500	3,000
Total Resources	32,034	32,059	32,172	32,357	32,547	32,754	32,782	33,552	34,571	35,344	35,861
Nuclear	6,661	6,674	6,674	6,817	6,947	7,126	7,126	7,126	7,126	7,126	7,126
Hydro	5,032	5,044	5,057	5,081	5,112	5,136	5,160	5,180	5,199	5,222	5,239
Pumped Storage	1,624	1,624	1,624	1,624	1,624	1,624	1,624	1,624	1,624	1,624	1,624
Geothermal	0	0	0	0	0	0	0	0	0	0	0
Steam (Coal)	14,872	14,872	14,960	14,978	15,007	15,011	15,015	15,015	15,015	15,015	15,015
Steam (Oil)	0	0	0	0	0	0	0	0	0	0	0
Steam (Gas)	0	0	0	0	0	0	0	0	0	0	0
Steam (Dual Fuel)	0	0	0	0	0	0	0	0	0	0	0
Combustion Turbine (Oil)	23	23	23	23	23	23	23	23	23	23	23
Combustion Turbine (Gas)	0	0	0	0	0	0	0	0	0	0	0
Combustion Turbine (Dual Fuel)	3,820	3,820	3,820	3,820	3,820	3,820	3,820	3,820	3,820	3,820	3,820
Combined Cycle (Oil)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Gas)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Dual Fuel)	0	0	0	0	0	0	0	0	0	0	0
Other Capacity	2	2	14	14	14	14	14	764	1,764	2,514	3,014
Inoperable Capacity	1,289	1,289	1,289	1,289	1,289	224	224	224	224	224	224
Net Operable Capacity	30,745	30,770	30,883	31,068	31,258	32,530	32,558	33,328	34,347	35,120	35,637
Capacity Purchases	600	714	1,216	2,618	3,371	3,123	4,125	4,378	4,381	4,634	4,886
Full Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
Capacity Sales	475	475	475	475	475	475	475	475	475	475	475
Full Responsibility Sales	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	0	0	0	0	0	0	0	0
Net Capacity Resources	30,870	31,009	31,624	33,211	34,154	35,178	36,208	37,231	38,253	39,279	40,048

- Capacity -

TVA Subregion	Winter										
	<i>actual</i>	<i>forecast</i>									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Existing Capacity Resources	32,993	32,993	33,036	33,122	33,314	33,462	33,679	33,708	34,478	35,497	36,270
Committed Planned Resources	0	43	86	192	148	217	29	20	19	23	17
Total Committed Resources	32,993	33,036	33,122	33,314	33,462	33,679	33,708	33,728	33,747	33,770	33,787
Distributed Generation, 1MW or Greater	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, 1 megawatt or greater	0	0	0	0	0	0	0	0	0	0	0
Distributed Generation, Less than 1MW	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, less than 1 megawatt	0	0	0	0	0	0	0	0	0	0	0
Uncommitted Planned Resources	0	0	0	0	0	0	0	750	1,750	2,500	3,000
Total Resources	32,993	33,036	33,122	33,314	33,462	33,679	33,708	34,478	35,497	36,270	36,787
Nuclear	6,809	6,822	6,822	6,948	7,061	7,250	7,250	7,250	7,250	7,250	7,250
Hydro	4,668	4,678	4,684	4,707	4,738	4,762	4,787	4,807	4,826	4,849	4,866
Pumped Storage	1,624	1,624	1,624	1,624	1,624	1,624	1,624	1,624	1,624	1,624	1,624
Geothermal	0	0	0	0	0	0	0	0	0	0	0
Steam (Coal)	15,235	15,255	15,323	15,366	15,370	15,374	15,378	15,378	15,378	15,378	15,378
Steam (Oil)	0	0	0	0	0	0	0	0	0	0	0
Steam (Gas)	0	0	0	0	0	0	0	0	0	0	0
Steam (Dual Fuel)	0	0	0	0	0	0	0	0	0	0	0
Combustion Turbine (Oil)	23	23	23	23	23	23	23	23	23	23	23
Combustion Turbine (Gas)	0	0	0	0	0	0	0	0	0	0	0
Combustion Turbine (Dual Fuel)	4,632	4,632	4,632	4,632	4,632	4,632	4,632	4,632	4,632	4,632	4,632
Combined Cycle (Oil)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Gas)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Dual Fuel)	0	0	0	0	0	0	0	0	0	0	0
Other Capacity	2	2	14	14	14	14	14	764	1,764	2,514	3,014
Inoperable Capacity	1,289	1,289	1,289	1,289	1,289	224	224	224	224	224	224
Net Operable Capacity	31,704	31,747	31,833	32,025	32,173	33,455	33,484	34,254	35,273	36,046	36,563
Capacity Purchases	1,035	638	1,140	1,143	1,145	648	651	654	657	660	663
Full Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
Capacity Sales	475	475	475	475	475	475	475	475	475	475	475
Full Responsibility Sales	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	0	0	0	0	0	0	0	0
Net Capacity Resources	32,264	31,910	32,498	32,693	32,843	33,628	33,660	34,433	35,435	36,231	36,751

Existing Generators

TVA Subregion

APGI - Tapoco Division (18443)

Calderwood (54900)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	40.5	38.0	38.0	1930	TN	Blount	37701
2	OP	S	HY	WAT	40.5	38.0	38.0	1930	TN	Blount	37701
3	OP	S	HY	WAT	52.2	48.0	48.0	1938	TN	Blount	37701

Cheoah (54899)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	20.0	20.0	20.0	1919	NC	Graham	28780
2	OP	S	HY	WAT	20.0	20.0	20.0	1919	NC	Graham	28780
3	OP	S	HY	WAT	20.0	20.0	20.0	1919	NC	Graham	28780
4	OP	S	HY	WAT	20.0	20.0	20.0	1919	NC	Graham	28780
5	OP	S	HY	WAT	30.0	30.0	30.0	1949	NC	Graham	28780

Chilhowee (54901)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	16.6	17.7	17.7	1957	TN	Blount	37701
2	OP	S	HY	WAT	16.6	17.7	17.7	1957	TN	Blount	37701
3	OP	S	HY	WAT	16.6	17.7	17.7	1957	TN	Blount	37701

Santeetlah (54898)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	22.5	21.0	19.5	1928	NC	Graham	28780
2	OP	S	HY	WAT	22.5	21.0	19.5	1928	NC	Graham	28780

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Allen (3393)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	state	location	
					nameplate	summer	winter			county	zip code
1	OP	S	ST	SUB	330.0	246.0	249.0	1959	TN	Shelby	38109
2	OP	S	ST	SUB	330.0	246.0	249.0	1959	TN	Shelby	38109
3	OP	S	ST	SUB	330.0	246.0	249.0	1959	TN	Shelby	38109
G10	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
G11	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
G12	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
G13	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
G14	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
G15	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
G16	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
G17	OP	S	GT	NG	59.6	50.0	62.0	1972	TN	Shelby	38109
G18	OP	S	GT	NG	59.6	50.0	62.0	1972	TN	Shelby	38109
G19	OP	S	GT	NG	59.6	50.0	62.0	1972	TN	Shelby	38109
G20	OP	S	GT	NG	59.6	50.0	62.0	1972	TN	Shelby	38109
GT1	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
GT2	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
GT3	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
GT4	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
GT5	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
GT6	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
GT7	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
GT8	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109
GT9	OP	S	GT	NG	23.9	16.0	20.0	1971	TN	Shelby	38109

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Apalachia (3394)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	52.2	38.0	38.2	1943	TN	Polk	28906
2	OP	S	HY	WAT	41.4	37.4	37.7	1943	TN	Polk	28906

Bellefonte (6150)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
DG-1	OP	S	IC	DFO	7.0	7.0	7.0	1998	AL	Jackson	35752
DG-2	OP	S	IC	DFO	7.0	7.0	7.0	1998	AL	Jackson	35752

Blue Ridge (757)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	22.0	15.6	12.4	1931	GA	Fannin	28906
2	OP	S	HY	WAT	1.5	1.5	1.5	1994	GA	Fannin	28906

Boone (3395)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	26.4	33.0	27.6	1953	TN	Sullivan	37663
2	OP	S	HY	WAT	25.0	31.3	27.1	1953	TN	Sullivan	37663
3	OP	S	HY	WAT	29.6	36.9	27.7	1953	TN	Sullivan	37663

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Browns Ferry (46)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OS	S	ST	NUC	1152.0	1065.0	1065.0	1974	AL	Limestone	35602
2	OP	S	ST	NUC	1190.0	1114.0	1141.0	1975	AL	Limestone	35602
3	OP	S	ST	NUC	1190.0	1114.0	1141.0	1977	AL	Limestone	35602

Buffalo Mountain (7927)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	WT	WND	0.7	0.7	0.7	2000	TN	Anderson	37840
2	OP	S	WT	WND	0.7	0.7	0.7	2000	TN	Anderson	37840
3	OP	S	WT	WND	0.7	0.7	0.7	2000	TN	Anderson	37840

Bull Run (3396)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	950.0	865.0	870.0	1967	TN	Anderson	37716

Chatuge (2778)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	10.0	11.1	10.8	1954	NC	Clay	28906

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Cherokee (3397)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	33.5	37.2	33.2	1942	TN	Jefferson	37861
2	OP	S	HY	WAT	34.7	38.5	32.6	1953	TN	Jefferson	37861
3	OP	S	HY	WAT	34.7	38.5	34.0	1942	TN	Jefferson	37861
4	OP	S	HY	WAT	32.4	36.0	33.4	1953	TN	Jefferson	37861

Chickamauga (3398)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	39.9	35.8	29.1	1940	TN	Hamilton	37401
2	OP	S	HY	WAT	39.9	35.8	29.1	1940	TN	Hamilton	37401
3	OP	S	HY	WAT	39.9	35.8	29.1	1940	TN	Hamilton	37401
4	OP	S	HY	WAT	39.9	35.8	29.1	1952	TN	Hamilton	37401

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Colbert (47)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	200.0	178.0	182.0	1955	AL	Colbert	35674
2	OP	S	ST	BIT	200.0	178.0	182.0	1955	AL	Colbert	35674
3	OP	S	ST	BIT	200.0	178.0	182.0	1955	AL	Colbert	35674
4	OP	S	ST	BIT	200.0	178.0	182.0	1955	AL	Colbert	35674
5	OP	S	ST	BIT	550.0	461.0	470.0	1965	AL	Colbert	35674
GT1	OP	S	GT	NG	59.5	49.0	61.0	1972	AL	Colbert	35674
GT2	OP	S	GT	NG	59.5	49.0	61.0	1972	AL	Colbert	35674
GT3	OP	S	GT	NG	59.5	49.0	61.0	1972	AL	Colbert	35674
GT4	OP	S	GT	NG	59.5	49.0	61.0	1972	AL	Colbert	35674
GT5	OP	S	GT	NG	59.5	49.0	61.0	1972	AL	Colbert	35674
GT6	OP	S	GT	NG	59.5	49.0	61.0	1972	AL	Colbert	35674
GT7	OP	S	GT	NG	59.5	49.0	61.0	1972	AL	Colbert	35674
GT8	OP	S	GT	NG	59.5	49.0	61.0	1972	AL	Colbert	35674

Cumberland (3399)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	1300.0	1231.0	1262.0	1973	TN	Stewart	37050
2	OP	S	ST	BIT	1300.0	1224.0	1250.0	1973	TN	Stewart	37050

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Douglas (3400)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	31.5	34.0	17.2	1944	TN	Sevier	37725
2	OP	S	HY	WAT	41.4	44.0	25.8	1949	TN	Sevier	37725
3	OP	S	HY	WAT	41.4	44.8	26.6	1943	TN	Sevier	37725
4	OP	S	HY	WAT	41.4	43.9	27.8	1954	TN	Sevier	37725

Fontana (2779)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	97.9	103.0	94.7	1945	NC	Swain	28733
2	OP	S	HY	WAT	97.9	103.0	93.5	1945	NC	Swain	28733
3	OP	S	HY	WAT	97.9	103.0	94.7	1954	NC	Swain	28733

Fort Loudoun (3402)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	35.6	39.2	37.5	1944	TN	Loudon	37771
2	OP	S	HY	WAT	34.2	38.0	38.0	1943	TN	Loudon	37771
3	OP	S	HY	WAT	34.2	38.0	37.9	1948	TN	Loudon	37771
4	OP	S	HY	WAT	40.7	40.8	38.8	1949	TN	Loudon	37771

Fort Patrick Henry (3401)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	29.7	19.8	19.8	1954	TN	Sullivan	37643
2	OP	S	HY	WAT	29.7	19.8	19.8	1953	TN	Sullivan	37643

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Gallatin (3403)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	SUB	300.0	225.0	228.0	1956	TN	Sumner	37066
2	OP	S	ST	SUB	300.0	225.0	228.0	1957	TN	Sumner	37066
3	OP	S	ST	SUB	327.6	263.0	266.0	1959	TN	Sumner	37066
4	OP	S	ST	SUB	327.6	263.0	266.0	1959	TN	Sumner	37066
GT1	OP	S	GT	NG	81.3	69.0	85.0	1975	TN	Sumner	37066
GT2	OP	S	GT	NG	81.3	69.0	85.0	1975	TN	Sumner	37066
GT3	OP	S	GT	NG	81.3	69.0	85.0	1975	TN	Sumner	37066
GT4	OP	S	GT	NG	81.3	69.0	85.0	1975	TN	Sumner	37066
GT5	OP	W	GT	NG	84.5	80.0	96.0	2000	TN	Sumner	37066
GT6	OP	W	GT	NG	84.5	80.0	96.0	2000	TN	Sumner	37066
GT7	OP	W	GT	NG	84.5	80.0	96.0	2000	TN	Sumner	37066
GT8	OP	W	GT	NG	84.5	80.0	96.0	2000	TN	Sumner	37066

Great Falls (3404)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	15.4	13.5	13.6	1916	TN	Warren	38581
2	OP	S	HY	WAT	18.4	19.4	19.7	1924	TN	Warren	38581

Guntersville (48)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	35.1	28.4	27.1	1939	AL	Marshall	35976
2	OP	S	HY	WAT	35.1	28.4	27.1	1939	AL	Marshall	35976
3	OP	S	HY	WAT	28.8	28.0	26.3	1939	AL	Marshall	35976
4	OP	S	HY	WAT	35.1	28.9	27.2	1952	AL	Marshall	35976

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Hiwassee (2780)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	90.0	83.9	65.4	1940	NC	Cherokee	28906
2	OP	S	PS	WAT	95.0	94.2	71.0	1956	NC	Cherokee	28906

John Sevier (3405)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	200.0	176.0	178.0	1955	TN	Hawkins	37857
2	OP	S	ST	BIT	200.0	176.0	178.0	1955	TN	Hawkins	37857
3	OP	S	ST	BIT	200.0	176.0	178.0	1956	TN	Hawkins	37857
4	OP	S	ST	BIT	200.0	176.0	178.0	1957	TN	Hawkins	37857

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Johnsonville (3406)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	125.0	107.0	113.0	1951	TN	Humphreys	37134
10	OP	S	ST	BIT	172.8	141.0	144.0	1959	TN	Humphreys	37134
2	OP	S	ST	BIT	125.0	107.0	113.0	1951	TN	Humphreys	37134
3	OP	S	ST	BIT	125.0	107.0	113.0	1952	TN	Humphreys	37134
4	OP	S	ST	BIT	125.0	107.0	113.0	1952	TN	Humphreys	37134
5	OP	S	ST	BIT	147.0	107.0	113.0	1952	TN	Humphreys	37134
6	OP	S	ST	BIT	147.0	107.0	113.0	1953	TN	Humphreys	37134
7	OP	S	ST	BIT	172.8	141.0	144.0	1958	TN	Humphreys	37134
8	OP	S	ST	BIT	172.8	141.0	144.0	1959	TN	Humphreys	37134
9	OP	S	ST	BIT	172.8	141.0	144.0	1959	TN	Humphreys	37134
G10	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
G11	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
G12	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
G13	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
G14	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
G15	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
G16	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
G17	OP	W	GT	NG	84.5	78.0	93.0	2000	TN	Humphreys	37134
G18	OP	W	GT	NG	84.5	78.0	93.0	2000	TN	Humphreys	37134
G19	OP	W	GT	NG	84.5	78.0	93.0	2000	TN	Humphreys	37134
G20	OP	W	GT	NG	84.5	78.0	93.0	2000	TN	Humphreys	37134
GT1	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
GT2	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
GT3	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
GT4	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
GT5	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

GT6	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
GT7	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
GT8	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134
GT9	OP	S	GT	NG	68.0	50.0	61.0	1975	TN	Humphreys	37134

Kemper County, MS (7960)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
GT1	OP	S	GT	NG	86.2	78.0	93.0	2002	MS		
GT2	OP	S	GT	NG	86.2	78.0	93.0	2002	MS		
GT3	OP	S	GT	NG	86.2	78.0	93.0	2002	MS		
GT4	OP	S	GT	NG	86.2	78.0	93.0	2002	MS		

Kentucky (1377)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	44.6	44.6	33.3	1945	KY	Marshall	42045
2	OP	S	HY	WAT	44.6	46.1	34.7	1944	KY	Marshall	42045
3	OP	S	HY	WAT	44.6	45.1	33.7	1944	KY	Marshall	42045
4	OP	S	HY	WAT	44.6	45.8	34.4	1945	KY	Marshall	42045
5	OP	S	HY	WAT	44.6	45.3	34.0	1948	KY	Marshall	42045

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Kingston (3407)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	state	location	
					nameplate	summer	winter			county	zip code
1	OP	S	ST	BIT	175.0	136.0	139.0	1954	TN	Roane	37763
2	OP	S	ST	BIT	175.0	136.0	139.0	1954	TN	Roane	37763
3	OP	S	ST	BIT	175.0	136.0	139.0	1954	TN	Roane	37763
4	OP	S	ST	BIT	175.0	136.0	139.0	1954	TN	Roane	37763
5	OP	S	ST	BIT	200.0	178.0	180.0	1955	TN	Roane	37763
6	OP	S	ST	BIT	200.0	178.0	180.0	1955	TN	Roane	37763
7	OP	S	ST	BIT	200.0	178.0	180.0	1955	TN	Roane	37763
8	OP	S	ST	BIT	200.0	178.0	180.0	1955	TN	Roane	37763
9	OP	S	ST	BIT	200.0	178.0	180.0	1955	TN	Roane	37763

Lagoon Creek (7845)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	state	location	
					nameplate	summer	winter			county	zip code
GT1	OP	W	GT	NG	86.2	80.0	95.0	2001	TN	Haywood	38012
GT10	OP	S	GT	NG	86.2	78.0	93.0	2002	TN	Haywood	38012
GT11	OP	S	GT	NG	86.2	78.0	93.0	2002	TN	Haywood	38012
GT12	OP	S	GT	NG	86.2	78.0	93.0	2002	TN	Haywood	38012
GT2	OP	W	GT	NG	86.2	80.0	95.0	2001	TN	Haywood	38012
GT3	OP	W	GT	NG	86.2	80.0	95.0	2001	TN	Haywood	38012
GT4	OP	W	GT	NG	86.2	80.0	95.0	2001	TN	Haywood	38012
GT5	OP	W	GT	NG	86.2	80.0	95.0	2001	TN	Haywood	38012
GT6	OP	W	GT	NG	86.2	80.0	95.0	2001	TN	Haywood	38012
GT7	OP	W	GT	NG	86.2	80.0	95.0	2001	TN	Haywood	38012
GT8	OP	W	GT	NG	86.2	80.0	95.0	2001	TN	Haywood	38012
GT9	OP	S	GT	NG	86.2	78.0	93.0	2002	TN	Haywood	38012

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Melton Hill (3408)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	36.0	39.3	40.0	1964	TN	Loudon	37771
2	OP	S	HY	WAT	36.0	37.1	38.2	1964	TN	Loudon	37771

Meridian (7719)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	IC	DFO	1.8	1.8	1.8	1998	MS	Lauderdale	39309
2	OP	S	IC	DFO	1.8	1.8	1.8	1998	MS	Lauderdale	39309
3	OP	S	IC	DFO	1.8	1.8	1.8	1998	MS	Lauderdale	39309
4	OP	S	IC	DFO	1.8	1.8	1.8	1998	MS	Lauderdale	39309
5	OP	S	IC	DFO	1.8	1.8	1.8	1998	MS	Lauderdale	39309

Nickajack (3409)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	27.5	27.0	24.6	1968	TN	Marion	37347
2	OP	S	HY	WAT	27.9	26.8	24.5	1968	TN	Marion	37347
3	OP	S	HY	WAT	24.3	25.7	23.8	1968	TN	Marion	37347
4	OP	S	HY	WAT	24.3	25.7	23.8	1968	TN	Marion	37347

Norris (3411)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	65.7	59.5	49.4	1936	TN	Anderson	37760
2	OP	S	HY	WAT	65.7	59.5	49.4	1936	TN	Anderson	37760

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Nottely (758)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	15.0	16.7	16.7	1956	GA	Union	28906
2	OP	S	HY	WAT	0.9	0.9	0.9	1993	GA	Union	28906

Ocoee 1 (3412)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	3.8	4.8	4.5	1912	TN	Polk	37307
2	OP	S	HY	WAT	3.8	4.8	4.5	1912	TN	Polk	37307
3	OP	S	HY	WAT	3.8	4.8	4.5	1912	TN	Polk	37307
4	OP	S	HY	WAT	3.8	4.8	4.5	1912	TN	Polk	37307
5	OP	S	HY	WAT	3.8	4.8	4.5	1914	TN	Polk	37307

Ocoee 2 (3413)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	11.5	10.9	10.9	1913	TN	Polk	37302
2	OP	S	HY	WAT	11.5	12.1	12.1	1913	TN	Polk	37302

Ocoee 3 (3414)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	28.8	29.3	29.3	1943	TN	Polk	37302

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Paradise (1378)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	704.0	599.0	632.0	1963	KY	Muhlenberg	42337
2	OP	S	ST	BIT	704.0	605.0	638.0	1963	KY	Muhlenberg	42337
3	OP	S	ST	SUB	1150.2	955.0	1006.0	1970	KY	Muhlenberg	42337

Pickwick (3415)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	40.0	42.9	36.5	1938	TN	Hardin	38365
2	OP	S	HY	WAT	40.0	41.4	34.8	1938	TN	Hardin	38365
3	OP	S	HY	WAT	40.0	40.7	34.3	1942	TN	Hardin	38365
4	OP	S	HY	WAT	40.0	40.7	34.3	1942	TN	Hardin	38365
5	OP	S	HY	WAT	40.0	41.7	33.7	1952	TN	Hardin	38365
6	OP	S	HY	WAT	40.0	41.3	33.3	1952	TN	Hardin	38365

Raccoon Mountain (6151)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	PS	WAT	428.9	429.0	429.0	1979	TN	Hamilton	37401
2	OP	S	PS	WAT	382.5	383.0	383.0	1978	TN	Hamilton	37401
3	OP	S	PS	WAT	382.5	383.0	383.0	1979	TN	Hamilton	37401
4	OP	S	PS	WAT	428.9	429.0	429.0	1979	TN	Hamilton	37401

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Sequoyah (6152)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NUC	1220.6	1124.0	1147.0	1981	TN	Hamilton	37379
2	OP	S	ST	NUC	1220.6	1119.0	1147.0	1982	TN	Hamilton	37379

Shawnee (1379)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	175.0	134.0	138.0	1953	KY	McCracken	42086
10	OP	S	ST	BIT	175.0	124.0	127.0	1956	KY	McCracken	42086
2	OP	S	ST	BIT	175.0	134.0	138.0	1953	KY	McCracken	42086
3	OP	S	ST	BIT	175.0	134.0	138.0	1953	KY	McCracken	42086
4	OP	S	ST	BIT	175.0	134.0	138.0	1954	KY	McCracken	42086
5	OP	S	ST	BIT	175.0	134.0	138.0	1954	KY	McCracken	42086
6	OP	S	ST	BIT	175.0	134.0	138.0	1954	KY	McCracken	42086
7	OP	S	ST	BIT	175.0	134.0	138.0	1954	KY	McCracken	42086
8	OP	S	ST	BIT	175.0	134.0	138.0	1955	KY	McCracken	42086
9	OP	S	ST	BIT	175.0	134.0	138.0	1955	KY	McCracken	42086

South Holston (3416)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	38.5	42.8	42.8	1951	TN	Sullivan	37643

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Tims Ford (3417)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	45.0	39.2	36.5	1972	TN	Franklin	37398
2	OP	S	HY	WAT	0.7	0.5	0.5	1987	TN	Franklin	37398

Watauga (3418)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	28.8	32.0	32.0	1949	TN	Carter	37643
2	OP	S	HY	WAT	28.8	32.0	32.0	1949	TN	Carter	37643

Watts Bar Fossil (3419)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
ST1	OS	S	ST	BIT	60.0	56.0	56.0	1942	TN	Rhea	37381
ST2	OS	S	ST	BIT	60.0	56.0	56.0	1942	TN	Rhea	37381
ST3	OS	S	ST	BIT	60.0	56.0	56.0	1943	TN	Rhea	37381
ST4	OS	S	ST	BIT	60.0	56.0	56.0	1945	TN	Rhea	37381

Watts Bar Hydro (3420)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
HY1	OP	S	HY	WAT	33.5	35.8	34.3	1942	TN	Rhea	37395
HY2	OP	S	HY	WAT	33.5	36.0	35.9	1942	TN	Rhea	37395
HY3	OP	S	HY	WAT	33.5	36.0	36.0	1942	TN	Rhea	37395
HY4	OP	S	HY	WAT	33.5	36.0	35.1	1944	TN	Rhea	37395
HY5	OP	S	HY	WAT	33.5	36.0	35.9	1944	TN	Rhea	37395

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Watts Bar Nuclear (7722)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NUC	1269.9	1125.0	1168.0	1996	TN	Rhea	37381

Wheeler (49)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	35.1	31.0	31.1	1936	AL	Lawrence	35672
10	OP	S	HY	WAT	43.7	41.5	39.2	1963	AL	Lawrence	35672
11	OP	S	HY	WAT	43.7	41.6	39.2	1963	AL	Lawrence	35672
2	OP	S	HY	WAT	35.1	30.2	30.6	1937	AL	Lawrence	35672
3	OP	S	HY	WAT	35.1	29.9	30.9	1941	AL	Lawrence	35672
4	OP	S	HY	WAT	35.1	30.3	29.4	1941	AL	Lawrence	35672
5	OP	S	HY	WAT	35.1	31.1	31.5	1948	AL	Lawrence	35672
6	OP	S	HY	WAT	35.1	31.4	31.3	1949	AL	Lawrence	35672
7	OP	S	HY	WAT	35.1	31.8	31.4	1949	AL	Lawrence	35672
8	OP	S	HY	WAT	35.1	32.3	31.1	1950	AL	Lawrence	35672
9	OP	S	HY	WAT	43.7	41.7	39.3	1962	AL	Lawrence	35672

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Widows Creek (50)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	140.6	111.0	113.0	1952	AL	Jackson	35772
2	OP	S	ST	BIT	140.6	111.0	113.0	1952	AL	Jackson	35772
3	OP	S	ST	BIT	140.6	111.0	113.0	1952	AL	Jackson	35772
4	OP	S	ST	BIT	140.6	111.0	113.0	1953	AL	Jackson	35772
5	OP	S	ST	BIT	140.6	111.0	113.0	1954	AL	Jackson	35772
6	OP	S	ST	BIT	140.6	111.0	113.0	1954	AL	Jackson	35772
7	OP	S	ST	BIT	575.0	475.0	480.0	1961	AL	Jackson	35772
8	OP	S	ST	BIT	550.0	467.0	471.0	1965	AL	Jackson	35772

Wilbur (3421)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	1.3	1.5	1.5	1912	TN	Carter	37643
2	OP	S	HY	WAT	1.3	1.5	1.5	1912	TN	Carter	37643
3	OP	S	HY	WAT	1.2	1.5	1.5	1926	TN	Carter	37643
4	OP	S	HY	WAT	7.0	7.2	7.2	1950	TN	Carter	37643

Existing Generators

TVA Subregion

Tennessee Valley Authority (18642)

Wilson (6440)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	23.0	22.5	22.0	1925	AL	Lauderdale	35660
10	OP	S	HY	WAT	29.3	29.7	29.2	1942	AL	Lauderdale	35660
11	OP	S	HY	WAT	29.3	29.8	29.2	1942	AL	Lauderdale	35660
12	OP	S	HY	WAT	29.3	29.5	29.0	1942	AL	Lauderdale	35660
13	OP	S	HY	WAT	29.3	29.6	29.1	1943	AL	Lauderdale	35660
14	OP	S	HY	WAT	29.3	29.6	29.1	1943	AL	Lauderdale	35660
15	OP	S	HY	WAT	29.3	29.0	28.6	1949	AL	Lauderdale	35660
16	OP	S	HY	WAT	29.3	29.0	28.6	1950	AL	Lauderdale	35660
17	OP	S	HY	WAT	29.3	29.0	28.6	1950	AL	Lauderdale	35660
18	OP	S	HY	WAT	29.3	28.9	28.4	1950	AL	Lauderdale	35660
19	OP	S	HY	WAT	54.0	47.8	47.8	1961	AL	Lauderdale	35660
2	OP	S	HY	WAT	23.0	22.8	22.4	1925	AL	Lauderdale	35660
20	OP	S	HY	WAT	54.0	47.8	47.8	1962	AL	Lauderdale	35660
21	OP	S	HY	WAT	54.0	47.8	47.8	1962	AL	Lauderdale	35660
3	OP	S	HY	WAT	23.0	23.0	22.6	1925	AL	Lauderdale	35660
4	OP	S	HY	WAT	23.0	22.3	21.9	1925	AL	Lauderdale	35660
5	OP	S	HY	WAT	36.0	30.6	30.0	1925	AL	Lauderdale	35660
6	OP	S	HY	WAT	31.0	30.4	29.9	1925	AL	Lauderdale	35660
7	OP	S	HY	WAT	31.0	29.3	28.7	1925	AL	Lauderdale	35660
8	OP	S	HY	WAT	31.0	30.9	30.3	1925	AL	Lauderdale	35660
9	OP	S	HY	WAT	29.3	30.0	29.5	1942	AL	Lauderdale	35660

Existing Generators

TVA Subregion

USCE - Nashville District (19462)

Barkley (1371)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	32.5	37.0	37.0	1966	KY	Haralson	42055
2	OP	S	HY	WAT	32.5	37.0	37.0	1966	KY	Haralson	42055
3	OP	S	HY	WAT	32.5	37.0	37.0	1966	KY	Haralson	42055
4	OP	S	HY	WAT	32.5	37.0	37.0	1966	KY	Haralson	42055

Center Hill (6417)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	45.0	52.0	52.0	1950	TN	DeKalb	38569
2	OP	S	HY	WAT	45.0	52.0	52.0	1951	TN	DeKalb	38569
3	OP	S	HY	WAT	45.0	52.0	52.0	1951	TN	DeKalb	38569

Cheatham (6418)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	12.0	13.8	13.8	1958	TN	Dyer	37036
2	OP	S	HY	WAT	12.0	13.8	13.8	1958	TN	Dyer	37036
3	OP	S	HY	WAT	12.0	13.8	13.8	1958	TN	Dyer	37036

Cordell Hull (3423)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	33.3	38.0	38.0	1973	TN	Smith	37030
2	OP	S	HY	WAT	33.3	38.0	38.0	1973	TN	Smith	37030
3	OP	S	HY	WAT	33.3	38.0	38.0	1974	TN	Smith	37030

Existing Generators

TVA Subregion

USCE - Nashville District (19462)

Dale Hollow (3424)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	18.0	20.7	20.7	1948	TN	Clay	38551
2	OP	S	HY	WAT	18.0	20.7	20.7	1949	TN	Clay	38551
3	OP	S	HY	WAT	18.0	20.7	20.7	1953	TN	Clay	38551

J P Priest (3428)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	28.0	30.0	30.0	1970	TN	Davidson	37202

Old Hickory (3426)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	28.7	28.7	28.7	1957	TN	Sumner	37075
2	OP	S	HY	WAT	25.0	29.0	29.0	1957	TN	Sumner	37075
3	OP	S	HY	WAT	25.0	29.0	29.0	1957	TN	Sumner	37075
4	OP	S	HY	WAT	25.0	29.0	29.0	1957	TN	Sumner	37075

Wolf Creek (1380)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	45.0	52.0	52.0	1952	KY	Russell	42629
2	OP	S	HY	WAT	45.0	52.0	52.0	1952	KY	Russell	42629
3	OP	S	HY	WAT	45.0	52.0	52.0	1952	KY	Russell	42629
4	OP	S	HY	WAT	45.0	52.0	52.0	1951	KY	Russell	42629
5	OP	S	HY	WAT	45.0	52.0	52.0	1951	KY	Russell	42629
6	OP	S	HY	WAT	45.0	52.0	52.0	1951	KY	Russell	42629

Planned Generators

TVA Subregion

Tennessee Valley Authority (18642)

Bellefonte (6150)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	IP	S	ST	NUC	1332.0	1212.0	1212.0	07/1977	AL	Jackson	35752
2	IP	S	ST	NUC	1332.0	1212.0	1212.0	07/1977	AL	Jackson	35752

Browns Ferry (46)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	A	S	ST	NUC	1152.0	179.3	189.0	05/2007	AL	Limestone	35602
1	RA	S	ST	NUC	1152.0	1065.0	1065.0	05/2007	AL	Limestone	35602
2	A	S	ST	NUC	1190.0	130.0	113.0	03/2005	AL	Limestone	35602
3	A	S	ST	NUC	1190.0	130.0	113.0	03/2006	AL	Limestone	35602

Bull Run (3396)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	A	S	ST	BIT	950.0	31.0	31.0	04/2004	TN	Anderson	37716

Cumberland (3399)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	A	S	ST	BIT	1300.0	4.0	4.0	04/2006	TN	Stewart	37050
2	A	S	ST	BIT	1300.0	18.0	18.0	04/2005	TN	Stewart	37050
2	A	S	ST	BIT	1300.0	4.0	4.0	04/2007	TN	Stewart	37050

Planned Generators

TVA Subregion

Tennessee Valley Authority (18642)

Douglas (3400)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
1	A	S	HY	WAT	31.5	10.7	8.9	02/2003	TN	Sevier	37725

Guntersville (48)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
3	A	S	HY	WAT	28.8	1.3	1.4	06/2003	AL	Marshall	35976

Paradise (1378)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
1	A	S	ST	BIT	704.0	20.0	20.0	12/2003	KY	Muhlenberg	42337
3	A	S	ST	BIT	1150.2	37.0	37.0	05/2004	KY	Muhlenberg	42337

Regenesys (-4)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
1	V	S	OT	OTH	12.0	12.0	12.0	06/2004			

Sequoyah (6152)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
1	A	S	ST	NUC	1220.6	13.0	13.0	06/2003	TN	Hamilton	37379
2	A	S	ST	NUC	1220.6	13.0	13.0	06/2005	TN	Hamilton	37379

Planned Generators

TVA Subregion

Tennessee Valley Authority (18642)

Undetermined (7961)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
4	OT	S	OT	NG	750.0	750.0	750.0	01/2009			
5	OT	S	OT	NG	1000.0	1000.0	1000.0	01/2010			
6	OT	S	OT	NG	750.0	750.0	750.0	01/2011			
7	OT	S	OT	NG	500.0	500.0	500.0	01/2012			
8	OT	S	OT	NG	750.0	750.0	750.0	01/2013			
9	OT	S	OT	NG	500.0	500.0	500.0	01/2014			

Various Hydro Units (-915)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
10	A	S	HY	WAT	0.0	23.1	23.1	06/2011			
11	A	S	HY	WAT	0.0	17.0	17.0	06/2012			
3	A	S	HY	WAT	0.0	13.4	5.6	07/2004			
4	A	S	HY	WAT	0.0	23.1	23.1	06/2005			
5	A	S	HY	WAT	0.0	31.4	31.4	06/2006			
6	A	S	HY	WAT	0.0	23.9	23.9	06/2007			
7	A	S	HY	WAT	0.0	24.2	24.2	06/2008			
8	A	S	HY	WAT	0.0	20.3	20.3	06/2009			
9	A	S	HY	WAT	0.0	18.9	18.9	06/2010			

Planned Generators

TVA Subregion

Tennessee Valley Authority (18642)

Watts Bar Nuclear (7722)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
2	IP	S	ST	NUC	1269.9	1122.0	1164.0	04/1977	TN	Rhea	37381

Widows Creek (50)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
7	A	S	ST	BIT	575.0	25.0	25.0	12/2005	AL	Jackson	35772

- Transmission Additions -

TVA Subregion

<i>Terminal Locations</i>		<i>Line Length (Miles)</i>	<i>Voltage, kV</i>		<i>In-Service Date</i>
			<i>Operating</i>	<i>Design</i>	
<u>Tennessee Valley Authority</u>					
Cumberland Fossil Plant	Montgomery	36.00	500	500	06/2006
Rock Springs	Center Point	33.00	230	230	05/2003

- NERC Form 5 (Transmission Mileage) -

<u>TVA Subregion</u>	<u>230kV</u>	<u>345kV</u>	<u>500kV</u>	<u>765kV</u>	<u>Total</u>
Existing	115	3	2,480	0	2,598
Transmission Additions - 1st Five Years	33	0	36	0	69
Transmission Additions - 2nd Five Years	0	0	0	0	0
Total	148	3	2,516	0	2,667

Note: Existing data is "as of 01/01/03"

INSERT TAB

VACAR

- Demand and Energy (Monthly) -

VACAR Subregion	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002 Actual Demand	47,582	48,693	47,368	45,890	47,539	54,129	58,221	56,571	52,261	47,290	41,630	47,555
2002 Actual NEL	25,059	21,871	22,426	21,549	22,990	26,553	29,780	29,018	24,425	22,463	22,084	25,474
2003 Forecast Demand	53,962	49,006	44,708	38,562	45,867	53,235	56,735	55,754	51,271	41,785	43,016	47,748
2003 Forecast NEL	27,106	22,691	23,231	21,056	22,995	25,854	29,060	28,569	23,939	22,351	22,184	24,974
2004 Forecast Demand	51,750	49,778	45,586	39,345	46,866	54,176	57,614	56,646	52,223	42,710	43,872	48,459
2004 Forecast NEL	26,395	23,347	23,666	21,542	23,457	26,358	29,577	29,075	24,474	22,869	22,588	25,414

- Demand and Energy (Annual) -

VACAR Subregion	actual	forecast									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<u>Annual</u>											
NEL Annual	293,693	294,009	298,763	305,504	311,672	317,888	324,057	330,324	336,754	343,192	349,955
<u>Summer</u>											
Internal Demand	58,241	56,773	57,653	59,059	60,134	61,402	62,643	63,841	65,094	66,330	67,581
Standby Demand	0	0	0	0	0	0	0	0	0	0	0
Total Internal Demand	58,241	56,773	57,653	59,059	60,134	61,402	62,643	63,841	65,094	66,330	67,581
Load Management	181	718	712	706	703	699	696	694	691	690	689
Interruptible Demand	682	1,591	1,592	1,593	1,593	1,594	1,594	1,595	1,596	1,596	1,597
Net Internal Demand	57,378	54,464	55,349	56,761	57,838	59,109	60,353	61,552	62,808	64,044	65,295
<u>Winter</u>											
Internal Demand	53,988	51,760	52,859	53,815	54,870	55,889	56,890	57,962	58,988	59,784	60,681
Standby Demand	0	0	0	0	0	0	0	0	0	0	0
Total Internal Demand	53,988	51,760	52,859	53,815	54,870	55,889	56,890	57,962	58,988	59,784	60,681
Load Management	453	458	466	472	478	486	494	500	508	517	524
Interruptible Demand	1,137	1,502	1,503	1,503	1,504	1,504	1,505	1,505	1,506	1,506	1,507
Net Internal Demand	52,398	49,801	50,891	51,841	52,887	53,899	54,892	55,957	56,974	57,761	58,650

- Capacity -

VACAR Subregion	Summer										
	<i>actual</i>	<i>forecast</i>									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Existing Capacity Resources	57,434	58,271	59,651	60,821	61,043	60,874	61,516	61,833	62,147	62,729	63,311
Committed Planned Resources	8	892	1,143	195	-196	470	0	-268	0	0	0
Total Committed Resources	57,442	59,162	60,794	61,016	60,847	61,344	61,516	61,565	62,147	62,729	63,311
Distributed Generation, 1MW or Greater	19	19	19	19	19	19	19	19	19	19	19
Other Capacity, 1 megawatt or greater	0	0	0	0	0	0	0	0	0	0	0
Distributed Generation, Less than 1MW	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, less than 1 megawatt	0	0	0	0	0	0	0	0	0	0	0
Uncommitted Planned Resources	350	150	0	800	1,100	1,345	1,540	1,957	2,057	2,332	2,145
Total Resources	57,792	59,312	60,794	61,816	61,947	62,689	63,056	63,522	64,204	65,061	65,456
Nuclear	14,633	14,766	14,808	14,848	14,848	14,848	14,848	14,848	14,848	14,848	14,848
Hydro	3,707	3,707	3,707	3,707	3,707	3,707	3,707	3,707	3,707	3,707	3,707
Pumped Storage	3,979	3,995	4,038	4,065	4,092	4,119	4,146	4,173	4,173	4,173	4,173
Geothermal	0	0	0	0	0	0	0	0	0	0	0
Steam (Coal)	23,718	23,396	23,396	23,396	23,396	23,986	23,986	23,986	23,986	23,986	23,986
Steam (Oil)	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696	1,696
Steam (Gas)	0	0	0	0	0	0	0	0	0	0	0
Steam (Dual Fuel)	0	0	0	0	0	0	0	0	0	0	0
Combustion Turbine (Oil)	916	916	916	916	916	916	916	916	916	916	916
Combustion Turbine (Gas)	298	756	1,428	1,428	1,428	1,428	1,428	1,428	1,428	1,428	1,428
Combustion Turbine (Dual Fuel)	6,041	6,608	6,608	6,763	6,567	6,592	6,882	6,764	6,914	7,064	7,359
Combined Cycle (Oil)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Gas)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Dual Fuel)	2,395	3,262	4,137	4,137	4,137	4,137	4,137	4,569	5,001	5,433	5,433
Other Capacity	409	210	60	860	1,160	1,260	1,310	1,435	1,535	1,810	1,910
Inoperable Capacity	86	86	86	86	86	86	86	86	86	86	86
Net Operable Capacity	57,706	59,226	60,708	61,730	61,861	62,603	62,970	63,436	64,118	64,975	65,370
Capacity Purchases	6,796	6,914	6,200	6,202	5,777	5,655	5,357	5,350	5,141	4,936	4,936
Full Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
Capacity Sales	724	1,083	1,085	810	811	711	678	678	558	558	558
Full Responsibility Sales	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	0	0	0	0	0	0	0	0
Net Capacity Resources	63,778	65,057	65,823	67,122	66,827	67,547	67,649	68,108	68,701	69,353	69,748

- Capacity -

VACAR Subregion	Winter										
	<i>actual</i>	<i>forecast</i>									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Existing Capacity Resources	59,480	61,627	62,334	63,323	63,570	63,871	64,084	64,215	65,184	65,886	66,588
Committed Planned Resources	786	371	962	220	274	0	-268	0	0	0	0
Total Committed Resources	60,266	61,998	63,296	63,543	63,844	63,871	63,816	64,215	65,184	65,886	66,588
Distributed Generation, 1MW or Greater	19	19	19	19	19	19	19	19	19	19	19
Other Capacity, 1 megawatt or greater	0	0	0	0	0	0	0	0	0	0	0
Distributed Generation, Less than 1MW	0	0	0	0	0	0	0	0	0	0	0
Other Capacity, less than 1 megawatt	0	0	0	0	0	0	0	0	0	0	0
Uncommitted Planned Resources	150	0	800	1,100	1,200	1,436	1,747	2,177	2,452	2,552	336
Total Resources	60,416	61,998	64,096	64,643	65,044	65,307	65,563	66,392	67,636	68,438	66,924
Nuclear	14,922	14,988	15,030	15,070	15,070	15,070	15,070	15,070	15,070	15,070	15,070
Hydro	3,708	3,708	3,708	3,708	3,708	3,708	3,708	3,708	3,708	3,708	3,708
Pumped Storage	3,979	3,995	3,771	3,798	3,825	3,852	3,879	3,906	4,173	4,173	4,173
Geothermal	0	0	0	0	0	0	0	0	0	0	0
Steam (Coal)	24,122	23,709	23,709	23,709	24,299	24,299	24,299	24,299	24,299	24,299	24,299
Steam (Oil)	1,784	1,713	1,713	1,713	1,713	1,713	1,713	1,713	1,713	1,713	1,713
Steam (Gas)	0	0	0	0	0	0	0	0	0	0	0
Steam (Dual Fuel)	0	0	0	0	0	0	0	0	0	0	0
Combustion Turbine (Oil)	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144	1,144
Combustion Turbine (Gas)	377	1,265	1,832	1,832	1,832	1,832	1,832	1,832	1,832	1,832	1,832
Combustion Turbine (Dual Fuel)	7,399	7,782	7,782	7,962	7,646	7,832	7,936	8,086	8,236	8,386	8,722
Combined Cycle (Oil)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Gas)	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (Dual Fuel)	2,772	3,634	4,547	4,547	4,547	4,547	4,547	5,099	5,651	6,203	6,203
Other Capacity	209	60	860	1,160	1,260	1,310	1,435	1,535	1,810	1,910	60
Inoperable Capacity	86	86	86	86	86	86	86	86	86	86	86
Net Operable Capacity	60,330	61,912	64,010	64,557	64,958	65,221	65,477	66,306	67,550	68,352	66,838
Capacity Purchases	6,621	6,314	6,302	5,958	5,653	5,530	5,369	5,219	5,014	5,011	4,829
Full Responsibility Purchases	0	0	0	0	0	0	0	0	0	0	0
Capacity Sales	678	1,054	1,054	778	678	678	678	558	558	558	558
Full Responsibility Sales	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	0	0	0	0	0	0	0	0
Net Capacity Resources	66,273	67,172	69,258	69,737	69,933	70,073	70,168	70,967	72,006	72,805	71,109

Existing Generators

VACAR Subregion

APGI - Yadkin Division (27721)

Falls (54895)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
YF1	OP	S	HY	WAT	9.0	9.0	9.0	1922	NC	Stanly	28009
YF2	OP	S	HY	WAT	11.2	11.2	11.2	1919	NC	Stanly	28009
YF3	OP	S	HY	WAT	11.2	11.2	11.2	1919	NC	Stanly	28009

High Rock (54896)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
HR1	OP	S	HY	WAT	11.0	11.0	9.0	1927	NC	Davidson	28239
HR2	OP	S	HY	WAT	11.0	11.0	9.0	1927	NC	Davidson	28239
HR3	OP	S	HY	WAT	11.0	11.0	9.0	1927	NC	Davidson	28239

Narrows (54894)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
YN1	OP	S	HY	WAT	24.7	24.7	24.7	1917	NC	Stanly	28009
YN2	OP	S	HY	WAT	24.7	24.7	24.7	1917	NC	Stanly	28009
YN3	OP	S	HY	WAT	29.0	29.0	29.0	1917	NC	Stanly	28009
YN4	OP	S	HY	WAT	29.0	29.0	29.0	1924	NC	Stanly	28009

Tuckertown (54897)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
TT1	OP	S	HY	WAT	14.0	13.0	13.0	1962	NC	Montgomery	28127
TT2	OP	S	HY	WAT	14.0	13.0	13.0	1962	NC	Montgomery	28127
TT3	OP	S	HY	WAT	14.0	13.0	13.0	1962	NC	Montgomery	28127

Existing Generators

VACAR Subregion

Carolina Power & Light (3046)

17 Small Hydro Units (-11)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
MU	OP	S	HY	NA	12.8	12.8	12.8	1984			

Asheville (2706)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	206.6	198.0	200.0	1964	NC	Buncombe	28704
2	OP	S	ST	BIT	207.0	194.0	194.0	1971	NC	Buncombe	28704
GT1	OP	S	GT	NG	179.8	190.0	185.0	1999	NC	Buncombe	28704
GT2	OP	S	GT	NG	179.8	190.0	185.0	2000	NC	Buncombe	28704

Blewett (2707)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	3.2	3.3	4.2	1912	NC	Anson	28091
2	OP	S	HY	WAT	3.2	3.3	4.2	1912	NC	Anson	28091
3	OP	S	HY	WAT	3.2	3.4	4.2	1912	NC	Anson	28091
4	OP	S	HY	WAT	5.0	4.0	4.2	1912	NC	Anson	28091
5	OP	S	HY	WAT	5.0	4.0	4.2	1912	NC	Anson	28091
6	OP	S	HY	WAT	5.0	4.0	4.2	1912	NC	Anson	28091
GT1	OP	S	GT	DFO	17.5	13.0	17.0	1971	NC	Anson	28091
GT2	OP	S	GT	DFO	17.5	13.0	17.0	1971	NC	Anson	28091
GT3	OP	S	GT	DFO	17.5	13.0	17.0	1971	NC	Anson	28091
GT4	OP	S	GT	DFO	17.5	13.0	17.0	1971	NC	Anson	28091

Existing Generators

VACAR Subregion

Carolina Power & Light (3046)

Broad River (55930)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	633.0	453.0	522.0	2001	SC	Cherokee	

Brunswick (6014)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	NUC	895.0	872.0	872.0	1977	NC	Brunswick	28461
2	OP	J	ST	NUC	895.0	811.0	811.0	1975	NC	Brunswick	28461

Cape Fear (2708)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	CA	DFO	15.0	14.0	17.0	1923	NC	Chatham	27559
1A	OP	S	CT	DFO	18.0	14.0	18.0	1969	NC	Chatham	27559
1B	OP	S	CT	DFO	18.0	14.0	18.0	1969	NC	Chatham	27559
2	OP	S	CA	DFO	15.0	14.0	17.0	1924	NC	Chatham	27559
2A	OP	S	CT	DFO	18.0	14.0	18.0	1969	NC	Chatham	27559
2B	OP	S	CT	DFO	18.0	14.0	18.0	1969	NC	Chatham	27559
5	OP	S	ST	BIT	140.6	143.0	148.0	1956	NC	Chatham	27559
6	OP	S	ST	BIT	163.3	173.0	175.0	1958	NC	Chatham	27559

Existing Generators

VACAR Subregion

Carolina Power & Light (3046)

Darlington County (3250)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	66.8	52.0	64.0	1974	SC	Darlington	29550
10	OP	S	GT	DFO	65.8	52.0	64.0	1974	SC	Darlington	29550
11	OP	S	GT	DFO	66.8	52.0	64.0	1974	SC	Darlington	29550
12	OP	S	GT	NG	158.0	120.0	133.0	1997	SC	Darlington	29550
13	OP	S	GT	NG	158.0	120.0	133.0	1997	SC	Darlington	29550
2	OP	S	GT	DFO	65.8	52.0	64.0	1974	SC	Darlington	29550
3	OP	S	GT	NG	66.8	52.0	64.0	1974	SC	Darlington	29550
4	OP	S	GT	DFO	65.8	52.0	64.0	1974	SC	Darlington	29550
5	OP	S	GT	NG	66.8	52.0	64.0	1975	SC	Darlington	29550
6	OP	S	GT	DFO	65.8	52.0	64.0	1974	SC	Darlington	29550
7	OP	S	GT	NG	66.8	52.0	64.0	1975	SC	Darlington	29550
8	OP	S	GT	DFO	65.8	52.0	64.0	1974	SC	Darlington	29550
9	OP	S	GT	DFO	66.8	52.0	64.0	1974	SC	Darlington	29550

Foster Wheeler (-7)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	MSW	8.7	8.7	5.0	1987			

H B Robinson (3251)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	206.6	174.0	185.0	1960	SC	Darlington	29550
2	OP	S	ST	NUC	768.7	710.0	730.0	1971	SC	Darlington	29550
GT1	OP	S	GT	NG	16.3	15.0	18.0	1968	SC	Darlington	29550

Existing Generators

VACAR Subregion

Carolina Power & Light (3046)

Harris (6015)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	NUC	951.0	900.0	900.0	1987	NC	Wake	27562

L V Sutton (2713)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	103.5	97.0	105.0	1954	NC	New Hanover	28401
2	OP	S	ST	BIT	103.5	106.0	108.0	1955	NC	New Hanover	28401
3	OP	S	ST	BIT	446.6	410.0	416.0	1972	NC	New Hanover	28401
GT1	OP	S	GT	DFO	16.3	13.0	18.0	1968	NC	New Hanover	28401
GTA	OP	S	GT	DFO	37.5	26.0	33.0	1969	NC	New Hanover	28401
GTB	OP	S	GT	DFO	37.5	25.0	33.0	1969	NC	New Hanover	28401

Lee (2709)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	75.0	79.0	84.0	1952	NC	Wayne	27530
2	OP	S	ST	BIT	75.0	76.0	80.0	1951	NC	Wayne	27530
3	OP	S	ST	BIT	252.5	252.0	257.0	1962	NC	Wayne	27530
GT1	OP	S	GT	DFO	16.3	14.0	18.0	1968	NC	Wayne	27530
GT2	OP	S	GT	DFO	30.0	27.0	32.0	1971	NC	Wayne	27530
GT3	OP	S	GT	DFO	30.0	25.0	32.0	1971	NC	Wayne	27530
GT4	OP	S	GT	DFO	30.0	25.0	32.0	1971	NC	Wayne	27530

Existing Generators

VACAR Subregion

Carolina Power & Light (3046)

Marshall (2710)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
HC1	OP	S	HY	WAT	2.5	2.5	2.5	1985	NC	Madison	28753
HC2	OP	S	HY	WAT	2.5	2.5	2.5	1985	NC	Madison	28753

Mayo (6250)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	BIT	735.8	745.0	750.0	1983	NC	Person	27573

Morehead (2711)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
GT1	OP	S	GT	DFO	16.3	15.0	18.0	1968	NC	Carteret	28557

New Hanover County (-8)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	MSW	7.5	7.5	7.5	1984			

PCS Phosphate Inc (-10)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	CA	OBG	42.0	42.0	42.0	1984			

Existing Generators

VACAR Subregion

Carolina Power & Light (3046)

Richmond (7805)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	195.3	155.0	180.0	2001	NC	Richmond	28345
2	OP	S	GT	NG	195.3	155.0	180.0	2001	NC	Richmond	28345
3	OP	S	GT	NG	195.3	155.0	180.0	2001	NC	Richmond	28345
4	OP	S	GT	NG	195.3	155.0	180.0	2001	NC	Richmond	28345
6	OP	S	GT	NG	195.3	155.0	180.0	2002	NC	Richmond	28345
7	OP	S	GT	NG	195.3	155.0	180.0	2002	NC	Richmond	28345
8	OP	S	GT	NG	195.3	155.0	180.0	2002	NC	Richmond	28345
ST4	OP	S	GT	NG	195.3	162.0	182.0	2002	NC	Richmond	28345

Roxboro (2712)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	410.9	385.0	390.0	1966	NC	Person	27573
2	OP	S	ST	BIT	657.0	670.0	675.0	1968	NC	Person	27573
3	OP	S	ST	BIT	745.2	707.0	715.0	1973	NC	Person	27573
4	OP	J	ST	BIT	745.2	700.0	710.0	1980	NC	Person	27573
GT1	OP	S	GT	DFO	16.3	15.0	18.0	1968	NC	Person	27573

Stone Container Corp (-9)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	68.0	68.0	68.0	1984			

Existing Generators

VACAR Subregion

Carolina Power & Light (3046)

Tillery (2714)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	22.0	21.0	21.0	1928	NC	Montgomery	27559
2	OP	S	HY	WAT	18.0	18.5	18.5	1928	NC	Montgomery	27559
3	OP	S	HY	WAT	22.0	21.0	21.0	1928	NC	Montgomery	27559
4	OP	S	HY	WAT	22.0	25.5	25.5	1960	NC	Montgomery	27559

W H Weatherspoon (2716)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	46.0	49.0	49.0	1949	NC	Robeson	28358
2	OP	S	ST	BIT	46.0	49.0	49.0	1950	NC	Robeson	28358
3	OP	S	ST	BIT	73.5	78.0	79.0	1952	NC	Robeson	28358
GT1	OP	S	GT	DFO	39.7	35.0	42.0	1970	NC	Robeson	28358
GT2	OP	S	GT	DFO	39.7	35.0	42.0	1970	NC	Robeson	28358
GT3	OP	S	GT	DFO	48.6	34.0	42.0	1971	NC	Robeson	28358
GT4	OP	S	GT	DFO	48.6	34.0	42.0	1971	NC	Robeson	28358

Walters (2715)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	36.0	35.0	33.3	1930	NC	Haywood	28700
2	OP	S	HY	WAT	36.0	35.0	33.3	1930	NC	Haywood	28700
3	OP	S	HY	WAT	36.0	35.0	33.3	1930	NC	Haywood	28700

Existing Generators

VACAR Subregion

Carolina Power & Light (3046)

Wayne County (7538)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	195.3	157.0	185.0	2000	NC	Wayne	27530
2	OP	S	GT	NG	195.3	157.0	185.0	2000	NC	Wayne	27530
3	OP	S	GT	NG	195.3	177.0	188.0	2000	NC	Wayne	27530
4	OP	S	GT	NG	195.3	177.0	188.0	2000	NC	Wayne	27530

Dominion Virginia Power (19876)

Alexandria MSW (10663)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	MSW	28.5	19.5	19.5	1988	VA	Alexandria (city)	22304

Baker Cogen (14606)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	RE	S	IC	NG	3.2	0.0	0.0	1993	VA	Richmond	

Banister (10178)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	HY	WAT	1.8	0.1	0.1	1988	VA	Halifax	

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

Bath County (6167)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	PS	WAT	400.0	400.0	400.0	1985	VA	Bath	24484
2	OP	J	PS	WAT	400.0	400.0	400.0	1985	VA	Bath	24484
3	OP	J	PS	WAT	400.0	400.0	400.0	1985	VA	Bath	24484
4	OP	J	PS	WAT	400.0	400.0	400.0	1985	VA	Bath	24484
5	OP	J	PS	WAT	400.0	400.0	400.0	1985	VA	Bath	24484
6	OP	J	PS	WAT	400.0	400.0	400.0	1985	VA	Bath	24484

Battersea Dam (17000)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	RE	W	HY	WAT	0.6	0.0	0.0	1990	VA	Petersburg (city)	

Bellmeade (7696)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	CT	NG	110.0	76.5	86.5	1997	VA	Henrico	23060
2	OP	S	CT	NG	110.0	76.5	86.5	1997	VA	Henrico	23060
3	OP	S	CA	NG	77.0	77.0	77.0	1997	VA	Henrico	23060

Boydton Plank Road (14766)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	RE	S	CA	OBS	3.6	0.0	0.0	1992	VA	Dinwiddie	

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

Brasfield Dam (14045)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	HY	WAT	4.5	2.5	2.5	1993	VA	Petersburg (city)	

Bremo Bluff (3796)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
3	OP	S	ST	BIT	69.0	71.0	74.0	1950	VA	Fluvanna	23022
4	OP	S	ST	BIT	185.3	156.0	160.0	1958	VA	Fluvanna	23022

Chapman Dam (16999)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	HY	WAT	0.3	0.1	0.1	1984	VA	Shenandoah	

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

Chesapeake (3803)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
10	OP	S	GT	DFO	23.8	21.0	29.0	1970	VA	Chesapeake (city)	23323
3	OP	S	ST	BIT	185.3	156.0	162.0	1959	VA	Chesapeake (city)	23323
6	OP	S	GT	DFO	16.3	15.0	18.0	1969	VA	Chesapeake (city)	23323
7	OP	S	GT	DFO	23.8	21.0	29.0	1969	VA	Chesapeake (city)	23323
8	OP	S	GT	DFO	23.8	21.0	29.0	1969	VA	Chesapeake (city)	23323
9	OP	S	GT	DFO	23.8	21.0	29.0	1970	VA	Chesapeake (city)	23323
GT1	OP	S	GT	NG	18.6	15.0	19.0	1967	VA	Chesapeake (city)	23323
GT2	OP	S	GT	DFO	16.3	15.0	18.0	1969	VA	Chesapeake (city)	23323
GT4	OP	S	GT	DFO	16.3	15.0	18.0	1969	VA	Chesapeake (city)	23323
ST1	OP	S	ST	BIT	112.5	111.0	111.0	1953	VA	Chesapeake (city)	23323
ST2	OP	S	ST	BIT	112.5	111.0	111.0	1954	VA	Chesapeake (city)	23323
ST4	OP	S	ST	BIT	239.4	217.0	221.0	1962	VA	Chesapeake (city)	23323

Chesterfield (3797)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
3	OP	S	ST	BIT	112.5	100.0	105.0	1952	VA	Chesterfield	23831
4	OP	S	ST	BIT	187.5	166.0	171.0	1960	VA	Chesterfield	23831
5	OP	S	ST	BIT	359.0	310.0	317.0	1964	VA	Chesterfield	23831
6	OP	S	ST	BIT	693.9	658.0	671.0	1969	VA	Chesterfield	23831
CT7	OP	S	CT	NG	150.4	135.0	170.0	1990	VA	Chesterfield	23831
CT8	OP	S	CT	NG	159.5	133.0	168.0	1992	VA	Chesterfield	23831
CW7	OP	S	CA	NG	74.4	62.0	62.0	1990	VA	Chesterfield	23831
CW8	OP	S	CA	NG	79.2	67.0	67.0	1992	VA	Chesterfield	23831

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

Clover (7213)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	BIT	424.0	441.0	441.0	1995	VA	Halifax	24534
2	OP	J	ST	BIT	424.0	441.0	441.0	1996	VA	Halifax	24534

Cogentrix-Hopewell (10377)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	BIT	114.8	87.5	87.5	1988	VA	Hopewell (city)	23860

Cogentrix-Portsmouth (10071)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	BIT	114.8	107.9	107.9	1988	VA	Portsmouth (city)	23703

Cogentrix-Rich. #1 (10481)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	BIT	158.8	115.5	115.5	1992	VA		23234

Cogentrix-Rich. #2 (16998)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
2	OP	W	ST	BIT	114.8	93.5	93.5	1992	VA		23234

Cogentrix-Rocky Mt (10384)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	BIT	114.8	115.5	115.5	1990	NC		27809

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

Coiners Mill (16997)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	HY	WAT	0.0	0.0	0.0	1983	VA	Augusta	

Columbia Mills (16996)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	HY	WAT	0.5	0.2	0.2	1985	VA	Rockbridge	

Commonwealth Atlant (12087)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	GT	NG	322.5	312.0	375.0	1992	VA	Chesapeake (city)	23323

Cushaw (3798)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	1.5	1.5	1.5	1930	VA	Amherst	24526
2	OP	S	HY	WAT	1.5	1.5	1.5	1930	VA	Amherst	24526
3	OP	S	HY	WAT	1.5	1.5	1.5	1930	VA	Amherst	24526
4	OP	S	HY	WAT	1.5	1.5	1.5	1930	VA	Amherst	24526
5	OP	S	HY	WAT	1.5	1.5	1.5	1930	VA	Amherst	24526

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

Darbytown (7212)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	92.1	72.0	92.0	1990	VA	Henrico	23883
2	OP	S	GT	NG	92.1	72.0	92.0	1990	VA	Henrico	23883
3	OP	S	GT	NG	92.1	72.0	92.0	1990	VA	Henrico	23883
4	OP	S	GT	NG	92.1	72.0	92.0	1990	VA	Henrico	23883

Doswell Complex (12019)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
2	OP	W	CT	NG	720.0	605.0	726.0	1992	VA	Richmond	23005

Emporia Hydro (10175)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	HY	WAT	2.7	1.0	1.0	1986	VA	Roanoke	

Four Rivers One (12175)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	GT	NG	163.6	155.0	182.0	2001	VA	Richmond	23005

Gaston (2756)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	44.5	56.0	56.0	1963	NC	Halifax	27870
2	OP	S	HY	WAT	44.5	56.0	56.0	1963	NC	Halifax	27870
3	OP	S	HY	WAT	44.5	56.0	56.0	1963	NC	Halifax	27870
4	OP	S	HY	WAT	44.5	57.0	57.0	1963	NC	Halifax	27870

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

Gordonsville LP I (14844)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	CT	NG	145.5	108.7	143.9	1994	VA	Orange	22942

Gordonsville LP II (16995)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	CT	NG	145.5	108.7	143.9	1994	VA	Orange	22942

Gravel Neck (7032)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	DFO	16.3	15.0	17.0	1970	VA	Surry	23883
2	OP	S	GT	DFO	23.8	22.0	28.0	1970	VA	Surry	23883
3	OP	S	GT	NG	92.0	73.0	92.0	1989	VA	Surry	23883
4	OP	S	GT	NG	92.0	73.0	92.0	1989	VA	Surry	23883
5	OP	S	GT	NG	92.0	73.0	92.0	1989	VA	Surry	23883
6	OP	S	GT	NG	92.0	73.0	92.0	1989	VA	Surry	23883

Handcraft (14601)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
3	RE	S	IC	NG	3.2	0.0	0.0	1993	VA	Richmond	

Harvell (16994)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	RE	W	HY	WAT	0.8	0.0	0.0	1992	VA	Petersburg (city)	

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

Hopewell Cogen (15065)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	CT	NG	382.3	336.6	400.4	1990	VA		23860

I-95 Landfill (10658)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	IC	OBG	3.3	3.0	3.0	1992	VA		

I-95 Phase II (14723)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	IC	OBG	3.2	3.0	3.0	1993	VA		

International Paper (16984)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	BIT	18.6	14.0	14.0	1986	VA	Franklin	

Johnston Willis (14777)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	RE	S	IC	NG	3.2	0.0	0.0	1994	VA	Chesterfield	

Kitty Hawk (2757)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
GT1	OP	S	GT	DFO	23.8	22.0	28.0	1971	NC	Dare	27948
GT2	OP	S	GT	DFO	23.8	22.0	28.0	1971	NC	Dare	27948

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

Ladysmith (7839)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	CT	NG	171.7	145.0	178.0	2001	VA	Caroline	22580
2	OP	S	CT	NG	171.7	145.0	178.0	2001	VA	Caroline	22580

Lakeview Hydro (16993)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	HY	WAT	0.4	0.1	0.1	1988	VA	Suffolk (city)	

Lanier Road (16992)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	RE	S	IC	DFO	3.5	0.0	0.0	1995	VA	Goochland	

LG&E - Altavista (10773)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	71.1	62.7	62.7	1992	VA	Campbell	24517

LG&E - Hopewell (10771)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	SB	S	ST	BIT	71.1	62.7	62.7	1992	VA	Hopewell (city)	23860

LG&E - S. Hampton (10774)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	71.1	62.7	62.7	1992	VA	Southampton	23851

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

Low Moor (3799)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
GT1	OP	S	GT	DFO	20.7	15.0	18.0	1971	VA	Alleghany	24457
GT2	OP	S	GT	DFO	20.7	15.0	18.0	1971	VA	Alleghany	24457
GT3	OP	S	GT	DFO	20.7	15.0	18.0	1971	VA	Alleghany	24457
GT4	OP	S	GT	DFO	20.7	15.0	18.0	1971	VA	Alleghany	24457

Mecklenburg (16991)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	BIT	139.9	132.0	132.0	1992	VA	South Boston (city)	23927

Mt Storm (3954)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	570.2	524.0	536.0	1965	WV	Grant	26739
2	OP	S	ST	BIT	570.2	524.0	536.0	1966	WV	Grant	26739
3	OP	S	ST	BIT	522.0	521.0	536.0	1973	WV	Grant	26739
JF1	OP	S	GT	JF	18.6	12.0	16.0	1967	WV	Grant	26739

Multitrade Of Pitts (16990)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	WDS	90.0	79.6	79.5	1994	VA	Pittsylvania	24563

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

North Anna (6168)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	NUC	979.7	925.0	925.0	1978	VA	Louisa	23117
2	OP	J	ST	NUC	979.7	917.0	917.0	1980	VA	Louisa	23117
HC1	OP	S	HY	WAT	1.0	1.0	1.0	1987	VA	Louisa	23117

North Branch (7537)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	WC	80.0	74.0	77.0	1992	WV	Grant	26707

Northern Neck (3800)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
GT1	OP	S	GT	DFO	20.7	16.0	19.0	1971	VA	Richmond	22572
GT2	OP	S	GT	DFO	20.7	16.0	19.0	1971	VA	Richmond	22572
GT3	OP	S	GT	DFO	20.7	16.0	19.0	1971	VA	Richmond	22572
GT4	OP	S	GT	DFO	20.7	16.0	19.0	1971	VA	Richmond	22572

Ogden-Martin Fairfax (16989)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	MSW	127.6	63.0	63.0	1990	VA	Fairfax	22079

Panda-Rosemary (16988)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	CT	NG	209.9	165.0	198.0	1990	NC		27870

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

Park 500 (10275)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	BIT	19.6	12.0	12.0	1984	VA	Hopewell (city)	23836

Possum Point (3804)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	RE	S	ST	RFO	69.0	74.0	74.0	1948	VA	Prince William	22026
2	RE	S	ST	RFO	69.0	69.0	71.0	1951	VA	Prince William	22026
3	OP	S	ST	BIT	113.6	101.0	105.0	1955	VA	Prince William	22026
4	OP	S	ST	BIT	239.4	221.0	221.0	1962	VA	Prince William	22026
5	OP	S	ST	RFO	882.0	786.0	801.0	1975	VA	Prince William	22026
GT1	OP	S	GT	DFO	16.0	13.0	16.0	1968	VA	Prince William	22026
GT2	OP	S	GT	DFO	16.0	13.0	16.0	1968	VA	Prince William	22026
GT3	OP	S	GT	DFO	16.0	13.0	16.0	1968	VA	Prince William	22026
GT4	OP	S	GT	DFO	16.0	13.0	16.0	1968	VA	Prince William	22026
GT5	OP	S	GT	DFO	16.0	13.0	16.0	1968	VA	Prince William	22026
GT6	OP	S	GT	DFO	16.0	13.0	16.0	1968	VA	Prince William	22026

Remington (7838)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	CT	NG	169.9	145.0	178.0	2000	VA	Fauquier	22712
2	OP	S	CT	NG	169.9	145.0	178.0	2000	VA	Fauquier	22712
3	OP	S	CT	NG	169.9	145.0	178.0	2000	VA	Fauquier	22712
4	OP	S	CT	NG	169.9	145.0	178.0	2000	VA	Fauquier	22712

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

Richmond Electric (16987)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	IC	OBG	3.1	2.9	2.9	1993	VA	Henrico	

Roanoke Rapids (2758)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	25.0	24.5	24.5	1955	NC	Halifax	27870
2	OP	S	HY	WAT	25.0	25.0	25.0	1955	NC	Halifax	27870
3	OP	S	HY	WAT	25.0	25.0	25.0	1955	NC	Halifax	27870
4	OP	S	HY	WAT	25.0	24.5	24.5	1955	NC	Halifax	27870

Roanoke Valley (16986)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	BIT	182.9	165.0	167.2	1994	NC	Halifax	27890

Roanoke Valley II (16985)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	BIT	52.1	44.0	45.1	1995	NC	Halifax	27890

Schoolfield Dam (14655)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	HY	WAT	4.0	3.0	3.0	1990	VA	Danville (city)	

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

Scott Energy (10863)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	WDS	2.8	2.5	2.5	1986	VA	Amelia	

SEI - Birchwood (14304)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	BIT	258.3	237.8	242.2	1996	VA	King George	22485

Stone Container (10813)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	BIT	48.5	38.4	38.4	1981	VA	Hopewell (city)	

Suffolk Landfill (14781)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	IC	OBG	3.7	3.0	3.0	1994	VA	Suffolk (city)	

Surry (3806)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NUC	847.5	810.0	810.0	1972	VA	Surry	23883
2	OP	S	ST	NUC	847.5	815.0	815.0	1973	VA	Surry	23883

Westvaco (10900)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	WDS	68.0	70.0	70.0	1981	VA	Alleghany	24426

Existing Generators

VACAR Subregion

Dominion Virginia Power (19876)

William Byrd (16983)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	RE	S	IC	NG	3.2	0.0	0.0	1993	VA	Henrico	

Wythe Park Power #3 (16981)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
3	RE	W	IC	DFO	3.5	0.0	0.0	1991	VA		

Yorktown (3809)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	187.5	159.0	163.0	1957	VA	York	23690
2	OP	S	ST	BIT	187.5	167.0	172.0	1959	VA	York	23690
3	OP	S	ST	RFO	882.0	818.0	820.0	1974	VA	York	23690

Duke Power Company (5416)

99 Islands (3272)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	3.0	2.0	2.0	1910	SC	Cherokee	29702
2	OP	S	HY	WAT	3.0	2.0	2.0	1910	SC	Cherokee	29702
3	OP	S	HY	WAT	3.0	2.0	2.0	1910	SC	Cherokee	29702
4	OP	S	HY	WAT	3.0	2.0	2.0	1910	SC	Cherokee	29702
5	OP	S	HY	WAT	3.0	2.0	2.0	1910	SC	Cherokee	29702
6	OP	S	HY	WAT	3.0	2.0	2.0	1910	SC	Cherokee	29702

Existing Generators

VACAR Subregion

Duke Power Company (5416)

Bad Creek (7125)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	PS	WAT	266.3	266.3	266.3	1991	SC	Oconee	29676
2	OP	S	PS	WAT	266.3	266.3	266.3	1991	SC	Oconee	29676
3	OP	S	PS	WAT	266.3	266.3	266.3	1991	SC	Oconee	29676
4	OP	S	PS	WAT	266.3	266.3	266.3	1991	SC	Oconee	29676

Bear Creek (2741)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	9.0	9.5	9.5	1954	NC	Jackson	28783

Belews Creek (8042)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	1080.1	1120.0	1145.0	1974	NC	Stokes	27052
2	OP	S	ST	BIT	1080.1	1120.0	1145.0	1975	NC	Stokes	27052

Bridgewater (2719)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	10.0	11.5	11.5	1919	NC	Burke	28655
2	OP	S	HY	WAT	10.0	11.5	11.5	1919	NC	Burke	28655

Bryson (2742)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	0.5	0.5	0.5	1925	NC	Swain	28713
2	OP	S	HY	WAT	0.5	0.5	0.5	1929	NC	Swain	28713

Existing Generators

VACAR Subregion

Duke Power Company (5416)

Buck (2720)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
3	OP	S	ST	BIT	80.0	75.0	76.0	1941	NC	Rowan	28146
4	OP	S	ST	BIT	40.0	38.0	39.0	1942	NC	Rowan	28146
5	OP	S	ST	BIT	125.0	128.0	131.0	1953	NC	Rowan	28146
6	OP	S	ST	BIT	125.0	128.0	131.0	1953	NC	Rowan	28146
7	OP	S	GT	DFO	34.9	31.0	31.0	1970	NC	Rowan	28146
8	OP	S	GT	DFO	34.9	31.0	31.0	1970	NC	Rowan	28146
9	OP	S	GT	DFO	34.9	31.0	31.0	1970	NC	Rowan	28146

Buzzard Roost (3254)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
10	OP	S	GT	DFO	17.8	18.0	18.0	1971	SC	Greenwood	29037
11	OP	S	GT	DFO	17.8	18.0	18.0	1971	SC	Greenwood	29037
12	OP	S	GT	DFO	17.8	18.0	18.0	1971	SC	Greenwood	29037
13	OP	S	GT	DFO	17.8	18.0	18.0	1971	SC	Greenwood	29037
14	OP	S	GT	DFO	17.8	18.0	18.0	1971	SC	Greenwood	29037
15	OP	S	GT	DFO	17.8	18.0	18.0	1971	SC	Greenwood	29037
6	OP	S	GT	DFO	22.7	22.0	22.0	1971	SC	Greenwood	29037
7	OP	S	GT	DFO	22.7	22.0	22.0	1971	SC	Greenwood	29037
8	OP	S	GT	DFO	22.7	22.0	22.0	1971	SC	Greenwood	29037
9	OP	S	GT	DFO	22.7	22.0	22.0	1971	SC	Greenwood	29037
HC1	OP	S	HY	WAT	5.0	2.3	2.3	1940	SC	Greenwood	29037
HC2	OP	S	HY	WAT	5.0	2.3	2.3	1940	SC	Greenwood	29037
HC3	OP	S	HY	WAT	5.0	2.3	2.3	1940	SC	Greenwood	29037

Existing Generators

VACAR Subregion

Duke Power Company (5416)

Catawba (6036)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	NUC	1205.1	1129.0	1169.0	1985	SC	York	29745
2	OP	J	ST	NUC	1205.1	1129.0	1169.0	1986	SC	York	29745

Cedar Cliff (2743)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	6.4	6.4	6.4	1952	NC	Jackson	28783

Cedar Creek (3255)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	15.0	13.0	13.0	1926	SC	Greenwood	29055
2	OP	S	HY	WAT	15.0	15.0	15.0	1926	SC	Greenwood	29055
3	OP	S	HY	WAT	15.0	15.0	15.0	1926	SC	Greenwood	29055

Cliffside (2721)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	40.0	38.0	39.0	1940	NC	Cleveland	28024
2	OP	S	ST	BIT	40.0	38.0	39.0	1940	NC	Cleveland	28024
3	OP	S	ST	BIT	65.0	61.0	62.0	1948	NC	Cleveland	28024
4	OP	S	ST	BIT	65.0	61.0	62.0	1948	NC	Cleveland	28024
5	OP	S	ST	BIT	570.9	562.0	568.0	1972	NC	Cleveland	28024

Existing Generators

VACAR Subregion

Duke Power Company (5416)

Cowans Ford (2722)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	87.5	81.3	81.3	1963	NC	Lincoln	28164
2	OP	S	HY	WAT	87.5	81.3	81.3	1963	NC	Lincoln	28164
3	OP	S	HY	WAT	87.5	81.3	81.3	1963	NC	Lincoln	28164
4	OP	S	HY	WAT	87.5	81.3	81.3	1967	NC	Lincoln	28164

Dan River (2723)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	70.0	67.0	69.0	1949	NC	Rockingham	27288
2	OP	S	ST	BIT	70.0	67.0	69.0	1950	NC	Rockingham	27288
3	OP	S	ST	BIT	150.0	142.0	145.0	1955	NC	Rockingham	27288
4	OP	S	GT	DFO	35.2	30.0	30.0	1968	NC	Rockingham	27288
5	OP	S	GT	DFO	35.2	30.0	30.0	1968	NC	Rockingham	27288
6	OP	S	GT	DFO	27.5	25.0	25.0	1969	NC	Rockingham	27288

Dearborn (3256)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	15.0	14.0	14.0	1923	SC	Chester	29055
2	OP	S	HY	WAT	15.0	14.0	14.0	1923	SC	Chester	29055
3	OP	S	HY	WAT	15.0	14.0	14.0	1923	SC	Chester	29055

Existing Generators

VACAR Subregion

Duke Power Company (5416)

Dillsboro (2744)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	0.2	0.2	0.2	1931	NC	Jackson	28725
2	OP	S	HY	WAT	0.1	0.1	0.1	1931	NC	Jackson	28725

Fishing Creek (3257)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	9.4	11.0	11.0	1916	SC	Chester	29055
2	OP	S	HY	WAT	8.8	9.5	9.5	1916	SC	Chester	29055
3	OP	S	HY	WAT	8.8	9.5	9.5	1916	SC	Chester	29055
4	OP	S	HY	WAT	9.4	11.0	11.0	1916	SC	Chester	29055
5	OP	S	HY	WAT	6.0	8.0	8.0	1916	SC	Chester	29055

Franklin (2745)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	0.5	0.5	0.5	1925	NC	Macon	28734
2	OP	S	HY	WAT	0.5	0.5	0.5	1925	NC	Macon	28734

G G Allen (2718)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	165.0	165.0	170.0	1957	NC	Gaston	28012
2	OP	S	ST	BIT	165.0	165.0	170.0	1957	NC	Gaston	28012
3	OP	S	ST	BIT	275.0	265.0	274.0	1959	NC	Gaston	28012
4	OP	S	ST	BIT	275.0	275.0	286.0	1960	NC	Gaston	28012
5	OP	S	ST	BIT	275.0	270.0	279.0	1961	NC	Gaston	28012

Existing Generators

VACAR Subregion

Duke Power Company (5416)

Gaston Shoals (3258)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
3	OP	S	HY	WAT	1.4	1.0	1.0	1908	SC	Cherokee	29702
4	OP	S	HY	WAT	1.4	1.0	1.0	1908	SC	Cherokee	29702
5	OP	S	HY	WAT	1.4	1.0	1.0	1908	SC	Cherokee	29702
6	OP	S	HY	WAT	2.5	1.7	1.7	1927	SC	Cherokee	29702

Great Falls (3259)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	3.0	3.0	3.0	1907	SC	Chester	29055
2	OP	S	HY	WAT	3.0	3.0	3.0	1907	SC	Chester	29055
3	OP	S	HY	WAT	3.0	3.0	3.0	1907	SC	Chester	29055
4	OP	S	HY	WAT	3.0	3.0	3.0	1907	SC	Chester	29055
5	OP	S	HY	WAT	3.0	3.0	3.0	1907	SC	Chester	29055
6	OP	S	HY	WAT	3.0	3.0	3.0	1907	SC	Chester	29055
7	OP	S	HY	WAT	3.0	3.0	3.0	1907	SC	Chester	29055
8	OP	S	HY	WAT	3.0	3.0	3.0	1907	SC	Chester	29055

Jocassee (3262)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	PS	WAT	153.0	152.5	152.5	1973	SC	Pickens	29676
2	OP	S	PS	WAT	153.0	152.5	152.5	1973	SC	Pickens	29676
3	OP	S	PS	WAT	153.0	152.5	152.5	1975	SC	Pickens	29676
4	OP	S	PS	WAT	153.0	152.5	152.5	1975	SC	Pickens	29676

Existing Generators

VACAR Subregion

Duke Power Company (5416)

Keowee (6517)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	78.8	80.0	80.0	1971	SC	Pickens	29672
2	OP	S	HY	WAT	78.8	80.0	80.0	1971	SC	Pickens	29672

Lincoln Combustion (7277)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	109.6	79.2	93.0	1995	NC	Lincoln	28164
10	OP	S	GT	NG	109.6	79.2	93.0	1995	NC	Lincoln	28164
11	OP	S	GT	NG	109.6	79.2	93.0	1995	NC	Lincoln	28164
12	OP	S	GT	NG	109.6	79.2	93.0	1995	NC	Lincoln	28164
13	OP	S	GT	NG	109.6	79.2	93.0	1996	NC	Lincoln	28164
14	OP	S	GT	NG	109.6	79.2	93.0	1996	NC	Lincoln	28164
15	OP	S	GT	NG	109.6	79.2	93.0	1996	NC	Lincoln	28164
16	OP	S	GT	NG	109.6	79.2	93.0	1996	NC	Lincoln	28164
2	OP	S	GT	NG	109.6	79.2	93.0	1995	NC	Lincoln	28164
3	OP	S	GT	NG	109.6	79.2	93.0	1995	NC	Lincoln	28164
4	OP	S	GT	NG	109.6	79.2	93.0	1995	NC	Lincoln	28164
5	OP	S	GT	NG	109.6	79.2	93.0	1995	NC	Lincoln	28164
6	OP	S	GT	NG	109.6	79.2	93.0	1995	NC	Lincoln	28164
7	OP	S	GT	NG	109.6	79.2	93.0	1995	NC	Lincoln	28164
8	OP	S	GT	NG	109.6	79.2	93.0	1995	NC	Lincoln	28164
9	OP	S	GT	NG	109.6	79.2	93.0	1995	NC	Lincoln	28164

Existing Generators

VACAR Subregion

Duke Power Company (5416)

Lookout Shoals (2726)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	8.6	9.3	9.3	1915	NC	Iredell	28625
2	OP	S	HY	WAT	8.6	9.3	9.3	1915	NC	Iredell	28625
3	OP	S	HY	WAT	8.6	9.3	9.3	1915	NC	Iredell	28625

Marshall (2727)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	350.0	385.0	385.0	1965	NC	Catawba	28682
2	OP	S	ST	BIT	350.0	385.0	385.0	1966	NC	Catawba	28682
3	OP	S	ST	BIT	648.0	660.0	665.0	1969	NC	Catawba	28682
4	OP	S	ST	BIT	648.0	660.0	665.0	1970	NC	Catawba	28682

McGuire (6038)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NUC	1220.3	1100.0	1158.0	1981	NC	Mecklenburg	28078
2	OP	S	ST	NUC	1220.3	1100.0	1158.0	1984	NC	Mecklenburg	28078

Mill Creek Station (7981)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	99.9	70.9	95.9	2002	SC	Cherokee	29702
2	OP	S	GT	NG	99.9	70.9	95.9	2002	SC	Cherokee	29702
3	OP	S	GT	NG	99.9	70.9	95.9	2002	SC	Cherokee	29702
4	OP	S	GT	NG	99.9	70.9	95.9	2002	SC	Cherokee	29702

Existing Generators

VACAR Subregion

Duke Power Company (5416)

Mission (2746)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	0.6	0.6	0.6	1924	NC	Clay	28906
2	OP	S	HY	WAT	0.6	0.6	0.6	1924	NC	Clay	28906
3	OP	S	HY	WAT	0.6	0.6	0.6	1943	NC	Clay	28906

Mountain Island (2728)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	15.0	14.0	14.0	1923	NC	Gaston	28120
2	OP	S	HY	WAT	15.0	14.0	14.0	1923	NC	Gaston	28120
3	OP	S	HY	WAT	15.0	14.0	14.0	1923	NC	Gaston	28120
4	OP	S	HY	WAT	15.0	14.0	14.0	1923	NC	Gaston	28120

Nantahala (2747)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	43.2	43.2	43.2	1942	NC	Macon	28719

Oconee (3265)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	NUC	886.7	846.0	865.0	1973	SC	Oconee	29672
2	OP	S	ST	NUC	886.7	846.0	865.0	1974	SC	Oconee	29672
3	OP	S	ST	NUC	893.3	846.0	865.0	1974	SC	Oconee	29672

Existing Generators

VACAR Subregion

Duke Power Company (5416)

Oxford (2729)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	18.0	20.0	20.0	1928	NC	Catawba	28613
2	OP	S	HY	WAT	18.0	20.0	20.0	1928	NC	Catawba	28613

Queens Creek (6438)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	1.4	1.4	1.4	1949	NC	Macon	28781

Rhodhiss (2730)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	8.5	9.7	9.7	1925	NC	Caldwell	28667
2	OP	S	HY	WAT	8.5	9.7	9.7	1925	NC	Caldwell	28667
3	OP	S	HY	WAT	8.5	9.7	9.7	1925	NC	Caldwell	28667

Riverbend (2732)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
10	OP	S	GT	DFO	33.8	30.0	30.0	1969	NC	Gaston	28120
11	OP	S	GT	DFO	33.8	30.0	30.0	1969	NC	Gaston	28120
4	OP	S	ST	BIT	100.0	94.0	96.0	1952	NC	Gaston	28120
5	OP	S	ST	BIT	100.0	94.0	96.0	1952	NC	Gaston	28120
6	OP	S	ST	BIT	133.0	133.0	136.0	1954	NC	Gaston	28120
7	OP	S	ST	BIT	133.0	133.0	136.0	1954	NC	Gaston	28120
8	OP	S	GT	DFO	33.8	30.0	30.0	1969	NC	Gaston	28120
9	OP	S	GT	DFO	33.8	30.0	30.0	1969	NC	Gaston	28120

Existing Generators

VACAR Subregion

Duke Power Company (5416)

Rocky Creek (3266)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	3.0	2.9	2.9	1909	SC	Fairfield	29055
2	OP	S	HY	WAT	3.0	2.9	2.9	1909	SC	Fairfield	29055
3	OP	S	HY	WAT	3.0	2.9	2.9	1909	SC	Fairfield	29055
4	OP	S	HY	WAT	3.0	2.9	2.9	1909	SC	Fairfield	29055
5	OP	S	HY	WAT	5.0	4.8	4.8	1909	SC	Fairfield	29055
6	OP	S	HY	WAT	5.0	4.8	4.8	1909	SC	Fairfield	29055
7	OP	S	HY	WAT	3.0	2.9	2.9	1909	SC	Fairfield	29055
8	OP	S	HY	WAT	3.0	2.9	2.9	1909	SC	Fairfield	29055

Tennessee Creek (2749)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	10.8	10.8	10.8	1955	NC	Jackson	28783

Thorpe (2750)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	21.6	21.6	21.6	1941	NC	Jackson	28783

Tuckasegee (2751)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	3.0	3.0	3.0	1950	NC	Jackson	28783

Existing Generators

VACAR Subregion

Duke Power Company (5416)

Tuxedo (2736)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	2.5	3.2	3.2	1920	NC	Henderson	28731
2	OP	S	HY	WAT	2.5	3.2	3.2	1920	NC	Henderson	28731

W S Lee (3264)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	90.0	100.0	100.0	1951	SC	Anderson	29697
2	OP	S	ST	BIT	90.0	100.0	102.0	1951	SC	Anderson	29697
3	OP	S	ST	BIT	175.0	170.0	170.0	1958	SC	Anderson	29697
4	OP	S	GT	DFO	35.1	30.0	30.0	1978	SC	Anderson	29697
5	OP	S	GT	DFO	35.1	30.0	30.0	1968	SC	Anderson	29697
6	OP	S	GT	DFO	35.1	30.0	30.0	1968	SC	Anderson	29697

Wateree (3270)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	11.2	17.0	17.0	1919	SC	Kershaw	29130
2	OP	S	HY	WAT	11.2	17.0	17.0	1919	SC	Kershaw	29130
3	OP	S	HY	WAT	11.2	17.0	17.0	1919	SC	Kershaw	29130
4	OP	S	HY	WAT	11.2	17.0	17.0	1919	SC	Kershaw	29130
5	OP	S	HY	WAT	11.2	17.0	17.0	1919	SC	Kershaw	29130

Existing Generators

VACAR Subregion

Duke Power Company (5416)

Wylie (3271)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	15.0	18.0	18.0	1925	SC	York	29715
2	OP	S	HY	WAT	15.0	18.0	18.0	1925	SC	York	29715
3	OP	S	HY	WAT	15.0	18.0	18.0	1925	SC	York	29715
4	OP	S	HY	WAT	15.0	18.0	18.0	1925	SC	York	29715

Fayetteville Public Works Comm (6235)

Butler Warner Gen (1016)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	CT	NG	28.8	27.0	27.0	1976	NC	Cumberland	28301
2	OP	S	CT	NG	28.8	27.0	27.0	1976	NC	Cumberland	28301
3	OP	S	CT	NG	28.8	26.0	26.0	1976	NC	Cumberland	28301
4	OP	S	GT	NG	28.8	27.0	27.0	1976	NC	Cumberland	28301
5	OP	S	GT	NG	28.8	27.0	27.0	1977	NC	Cumberland	28301
6	OP	S	CT	NG	28.8	27.0	27.0	1978	NC	Cumberland	28301
7	OP	S	CT	NG	28.8	27.0	27.0	1979	NC	Cumberland	28301
8	OP	S	CT	NG	28.8	27.0	27.0	1980	NC	Cumberland	28301
9	OP	S	CA	NG	73.0	68.0	63.0	1988	NC	Cumberland	28301

Existing Generators

VACAR Subregion

North Carolina Electric Membership Corp. (13683)

Buxton (2783)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1A	OP	S	IC	DFO	3.0	3.0	3.0	1991	NC	Dare	27920
2A	OP	S	IC	DFO	3.0	3.0	3.0	1991	NC	Dare	27920
3A	OP	S	IC	DFO	3.0	3.0	3.0	1991	NC	Dare	27920
4A	OP	S	IC	DFO	3.0	3.0	3.0	1991	NC	Dare	27920
5A	OP	S	IC	DFO	3.0	3.0	3.0	1991	NC	Dare	27920

Ocracoke (6377)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	IC	DFO	3.0	3.0	3.0	1990	NC	Hyde	27960

North Carolina Municipal Power Agency 1 (13630)

Gastonia, Duke Street (-903)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	IC	DFO	1.8	1.8	1.8	2002	NC	Gaston	28052

Gastonia, Rankin Lake (-902)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	IC	DFO	1.8	1.8	1.8	2002	NC	Gaston	28056

High Point, Fairfield (-901)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	IC	DFO	1.8	1.8	1.8	2002	NC	Guilford	27263

Existing Generators

VACAR Subregion

North Carolina Municipal Power Agency 1 (13630)

High Point, Jackson Lake (-900)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	IC	DFO	1.8	1.8	1.8	2002	NC	Guilford	27263

Lexington, Health Center (-909)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	IC	DFO	1.8	1.8	1.8	2002	NC	Davidson	27292

Lexington, Hickory Street (-908)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	IC	DFO	1.8	1.8	1.8	2002	NC	Davidson	27292

Maiden, Finger Street (-907)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	IC	DFO	1.8	1.8	1.8	2002	NC	Catawba	28650

Morganton, Parker Road (-906)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	IC	DFO	1.8	1.8	1.8	2002	NC	Burke	28655

Shelby, Toms Street (-905)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	IC	DFO	1.8	1.8	1.8	2002	NC	Cleveland	28150

Existing Generators

VACAR Subregion

North Carolina Municipal Power Agency 1 (13630)

Statesville, Highway 64 (-904)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	IC	DFO	1.8	1.8	1.8	2002	NC	Iredell	28677

Old Dominion Electric Cooperative, Inc. (40229)

Diesel Group 1 (7939)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	SB	S	IC	DFO	12.0	12.0	12.0	2002	VA	Accomac	23421

Diesel Group 2 (7940)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	SB	S	IC	DFO	4.0	4.0	4.0	2002	VA	Amelia	23002

Diesel Group 3 (7941)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	SB	S	IC	DFO	4.0	4.0	4.0	2002	VA	Southampton	23837

South Carolina Electric & Gas Company (17539)

Burton (3277)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	11.5	9.0	10.0	1961	SC	Beaufort	29902
2	OP	S	GT	NG	11.5	9.0	10.0	1963	SC	Beaufort	29902
3	OP	S	GT	NG	11.5	9.0	10.0	1963	SC	Beaufort	29902

Existing Generators

VACAR Subregion

South Carolina Electric & Gas Company (17539)

Canadys Steam (3280)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	136.0	105.0	105.0	1962	SC	Colleton	29433
2	OP	S	ST	BIT	136.0	116.0	116.0	1964	SC	Colleton	29433
3	OP	S	ST	BIT	217.6	175.0	175.0	1967	SC	Colleton	29433

Cogen South (7737)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	99.2	90.0	90.0	1999	SC	Charleston	10708

Coit GT (3281)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	19.6	16.0	16.0	1969	SC	Richland	29201
2	OP	S	GT	NG	19.6	16.0	20.0	1964	SC	Richland	29201

Columbia (3283)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	1.6	1.3	1.3	1929	SC	Richland	29202
2	OP	S	HY	WAT	1.6	1.3	1.3	1929	SC	Richland	29202
3	OP	S	HY	WAT	1.6	1.3	1.3	1929	SC	Richland	29202
4	OP	S	HY	WAT	1.3	1.3	1.3	1953	SC	Richland	29202
5	OP	S	HY	WAT	1.3	1.3	1.3	1953	SC	Richland	29202
6	OP	S	HY	WAT	1.6	1.3	1.3	1928	SC	Richland	29202
7	OP	S	HY	WAT	1.6	1.3	1.3	1927	SC	Richland	29202

Existing Generators

VACAR Subregion

South Carolina Electric & Gas Company (17539)

Cope (7210)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
ST1	OP	S	ST	BIT	417.4	410.0	410.0	1996	SC	Orangeburg	29038

Faber Place (3284)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	11.5	8.0	9.0	1961	SC	Charleston	29405

Fairfield PS (6126)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	PS	WAT	63.9	64.0	64.0	1978	SC	Fairfield	29065
2	OP	S	PS	WAT	63.9	64.0	64.0	1978	SC	Fairfield	29065
3	OP	S	PS	WAT	63.9	72.0	72.0	1978	SC	Fairfield	29065
4	OP	S	PS	WAT	63.9	72.0	72.0	1978	SC	Fairfield	29065
5	OP	S	PS	WAT	63.9	64.0	64.0	1978	SC	Fairfield	29065
6	OP	S	PS	WAT	63.9	64.0	64.0	1978	SC	Fairfield	29065
7	OP	S	PS	WAT	63.9	72.0	72.0	1978	SC	Fairfield	29065
8	OP	S	PS	WAT	63.9	72.0	72.0	1978	SC	Fairfield	29065

Hagood (3285)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
4	OP	S	GT	NG	122.0	86.0	99.0	1991	SC	Charleston	29402

Existing Generators

VACAR Subregion

South Carolina Electric & Gas Company (17539)

Hardeeville (3286)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	DFO	16.3	12.0	15.0	1968	SC	Jasper	29927

McMeekin (3287)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	146.9	125.0	125.0	1958	SC	Lexington	29212
2	OP	S	ST	BIT	146.9	125.0	125.0	1958	SC	Lexington	29212

Neal Shoals (3289)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	1.1	1.3	1.3	1966	SC	Union	29379
2	OP	S	HY	WAT	1.1	1.3	1.3	1966	SC	Union	29379
3	OP	S	HY	WAT	1.1	1.3	1.3	1966	SC	Union	29379
4	OP	S	HY	WAT	1.1	1.3	1.3	1966	SC	Union	29379

Parr (3290)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	2.5	2.5	2.5	1914	SC	Fairfield	29065
2	OP	S	HY	WAT	2.5	2.5	2.5	1914	SC	Fairfield	29065
3	OP	S	HY	WAT	2.5	2.5	2.5	1914	SC	Fairfield	29065
4	OP	S	HY	WAT	2.5	2.5	2.5	1914	SC	Fairfield	29065
5	OP	S	HY	WAT	2.5	2.5	2.5	1914	SC	Fairfield	29065
6	OP	S	HY	WAT	2.5	2.5	2.5	1921	SC	Fairfield	29065

Existing Generators

VACAR Subregion

South Carolina Electric & Gas Company (17539)

Parr GT (3291)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
GT1	OP	S	GT	NG	17.6	15.5	18.5	1970	SC	Fairfield	29065
GT2	OP	S	GT	NG	17.6	15.5	18.5	1970	SC	Fairfield	29065
GT3	OP	S	GT	NG	19.6	19.0	22.0	1971	SC	Fairfield	29065
GT4	OP	S	GT	NG	19.6	19.0	22.0	1971	SC	Fairfield	29065

Saluda (3293)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	32.5	34.0	34.0	1930	SC	Lexington	29212
2	OP	S	HY	WAT	32.5	34.0	34.0	1930	SC	Lexington	29212
3	OP	S	HY	WAT	32.5	34.0	34.0	1930	SC	Lexington	29212
4	OP	S	HY	WAT	32.5	34.0	34.0	1930	SC	Lexington	29212
5	OP	S	HY	WAT	67.5	70.0	70.0	1971	SC	Lexington	29212

Stevens Creek (736)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	2.2	1.5	1.9	1914	SC	Oconee	30907
2	OP	S	HY	WAT	2.2	1.5	1.9	1914	SC	Oconee	30907
3	OP	S	HY	WAT	2.2	1.5	1.9	1914	SC	Oconee	30907
4	OP	S	HY	WAT	2.2	1.5	1.9	1914	SC	Oconee	30907
5	OP	S	HY	WAT	2.2	1.5	1.9	1914	SC	Oconee	30907
6	OP	S	HY	WAT	2.2	1.5	1.9	1925	SC	Oconee	30907
7	OP	S	HY	WAT	2.2	1.5	1.9	1926	SC	Oconee	30907
8	OP	S	HY	WAT	2.2	1.5	1.9	1926	SC	Oconee	30907

Existing Generators

VACAR Subregion

South Carolina Electric & Gas Company (17539)

Summer (6127)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	J	ST	NUC	953.9	966.0	975.0	1984	SC	Fairfield	29065

Urquhart (3295)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	CA	NG	75.0	69.0	69.0	1953	SC	Aiken	29841
2	OP	S	CA	NG	75.0	69.0	69.0	1954	SC	Aiken	29841
3	OP	S	ST	BIT	100.0	94.0	94.0	1955	SC	Aiken	29841
CT5	OP	S	CT	NG	198.9	165.0	187.0	2002	SC	Aiken	29841
CT6	OP	S	CT	NG	198.9	173.0	187.0	2002	SC	Aiken	29841
GT1	OP	S	GT	NG	19.6	15.0	20.0	1969	SC	Aiken	29841
GT2	OP	S	GT	NG	16.3	14.0	17.0	1969	SC	Aiken	29841
GT3	OP	S	GT	NG	16.3	11.0	15.0	1969	SC	Aiken	29841
GT4	OP	S	GT	NG	48.8	51.0	51.0	1999	SC	Aiken	29841

USDOE SRS (D-Area) (7652)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	63.5	35.0	20.0	1995	SC	Aiken	29831

Wateree (3297)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	385.9	350.0	355.0	1970	SC	Richland	29044
2	OP	S	ST	BIT	385.9	350.0	355.0	1971	SC	Richland	29044

Existing Generators

VACAR Subregion

South Carolina Generating Co Inc (17554)

Williams (3298)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	NG	26.9	20.0	26.0	1972	SC	Berkeley	29445
2	OP	S	GT	NG	26.9	20.0	26.0	1972	SC	Berkeley	29445
ST1	OP	S	ST	BIT	632.7	615.0	615.0	1973	SC	Berkeley	29445

South Carolina Public Service Authority (17543)

Cross (130)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	590.9	620.0	620.0	1995	SC	Berkeley	29436
2	OP	S	ST	BIT	556.2	540.0	540.0	1984	SC	Berkeley	29436

Dolphus M Grainger (3317)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	ST	BIT	81.6	85.0	85.0	1966	SC	Horry	29526
2	OP	W	ST	BIT	81.6	85.0	85.0	1966	SC	Horry	29526

Hilton Head (3318)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	GT	DFO	26.6	20.0	25.0	1973	SC	Beaufort	29928
2	OP	S	GT	DFO	26.6	20.0	25.0	1974	SC	Beaufort	29928
3	OP	S	GT	DFO	64.7	57.0	70.0	1979	SC	Beaufort	29928

Existing Generators

VACAR Subregion

South Carolina Public Service Authority (17543)

Horry LFG Site (7958)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
HG1	OP	S	IC	OBG	1.1	1.1	1.1	2001	SC	Horry	29526
HG2	OP	S	IC	OBG	1.1	1.1	1.1	2001	SC	Horry	29526

Jefferies (3319)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	RFO	50.0	46.0	46.0	1954	SC	Berkeley	29461
2	OP	S	ST	RFO	50.0	46.0	46.0	1954	SC	Berkeley	29461
3	OP	S	ST	BIT	172.8	153.0	153.0	1970	SC	Berkeley	29461
4	OP	S	ST	BIT	172.8	153.0	153.0	1970	SC	Berkeley	29461
H1	OP	S	HY	WAT	30.6	29.3	29.3	1942	SC	Berkeley	29461
H2	OP	S	HY	WAT	30.6	29.3	29.3	1942	SC	Berkeley	29461
H3	OP	S	HY	WAT	30.6	29.3	29.3	1942	SC	Berkeley	29461
H4	OP	S	HY	WAT	30.6	29.3	29.3	1942	SC	Berkeley	29461
H6	OP	S	HY	WAT	10.2	11.0	11.0	1942	SC	Berkeley	29461

John S Rainey (7834)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
CT1A	OP	S	GT	NG	175.0	146.0	168.0	2002	SC	Anderson	29684
CT1B	OP	S	GT	NG	175.0	146.0	168.0	2002	SC	Anderson	29684
CT2A	OP	S	GT	NG	175.0	146.0	168.0	2002	SC	Anderson	29684
CT2B	OP	S	GT	NG	175.0	146.0	168.0	2002	SC	Anderson	29684
ST1S	OP	S	CA	NG	194.4	160.0	179.0	2002	SC	Anderson	29684

Existing Generators

VACAR Subregion

South Carolina Public Service Authority (17543)

Myrtle Beach (3320)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	GT	DFO	11.5	10.0	11.0	1972	SC	Horry	29577
2	OP	S	GT	DFO	11.5	10.0	11.0	1962	SC	Horry	29577
3	OP	S	GT	DFO	26.6	20.0	25.0	1962	SC	Horry	29577
4	OP	S	GT	DFO	26.6	20.0	25.0	1972	SC	Horry	29577
5	OP	S	GT	DFO	35.3	30.0	35.0	1976	SC	Horry	29577

Spillway (3321)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	2.0	2.0	2.0	1950	SC	Berkeley	29468

St Stephen (6789)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	W	HY	WAT	28.0	28.0	28.0	1985	SC	Berkeley	29479
2	OP	W	HY	WAT	28.0	28.0	28.0	1985	SC	Berkeley	29479
3	OP	W	HY	WAT	28.0	28.0	28.0	1985	SC	Berkeley	29479

Winyah (6249)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	ST	BIT	315.0	295.0	295.0	1975	SC	Georgetown	29440
2	OP	S	ST	BIT	315.0	295.0	295.0	1977	SC	Georgetown	29440
3	OP	S	ST	BIT	315.0	295.0	295.0	1980	SC	Georgetown	29440
4	OP	S	ST	BIT	315.0	270.0	270.0	1981	SC	Georgetown	29440

Existing Generators

VACAR Subregion

USCE - Savannah District (19375)

Hartwell Lake (754)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	85.0	85.0	85.0	1962	GA	Hart	30643
2	OP	S	HY	WAT	85.0	85.0	85.0	1962	GA	Hart	30643
3	OP	S	HY	WAT	85.0	85.0	85.0	1962	GA	Hart	30643
4	OP	S	HY	WAT	85.0	85.0	85.0	1962	GA	Hart	30643
5	OP	S	HY	WAT	80.0	92.0	92.0	1983	GA	Hart	30643

J Strom Thurmond (3323)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	52.0	52.0	52.0	1953	SC	McCormick	29821
2	OP	S	HY	WAT	52.0	52.0	52.0	1953	SC	McCormick	29821
3	OP	S	HY	WAT	52.0	52.0	52.0	1953	SC	McCormick	29821
4	OP	S	HY	WAT	52.0	52.0	52.0	1953	SC	McCormick	29821
5	OP	S	HY	WAT	52.0	52.0	52.0	1954	SC	McCormick	29821
6	OP	S	HY	WAT	52.0	52.0	52.0	1954	SC	McCormick	29821
7	OP	S	HY	WAT	52.0	52.0	52.0	1954	SC	McCormick	29821

Existing Generators

VACAR Subregion

USCE - Savannah District (19375)

Richard Russell (6132)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	75.0	82.0	82.0	1985	GA	Elbert	30635
2	OP	S	HY	WAT	75.0	82.0	82.0	1985	GA	Elbert	30635
3	OP	S	HY	WAT	75.0	82.0	82.0	1985	GA	Elbert	30635
4	OP	S	HY	WAT	75.0	82.0	82.0	1986	GA	Elbert	30635
5	OP	S	PS	WAT	75.0	80.0	80.0	2001	GA	Elbert	30635
6	OP	S	PS	WAT	75.0	80.0	80.0	2001	GA	Elbert	30635
7	OP	S	PS	WAT	75.0	80.0	80.0	2001	GA	Elbert	30635
8	OP	S	PS	WAT	75.0	80.0	80.0	2001	GA	Elbert	30635

USCE - Wilmington District (18574)

John H Kerr (3833)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	12.0	14.0	14.0	1952	VA	Mecklenburg	23917
2	OP	S	HY	WAT	32.0	37.0	37.0	1952	VA	Mecklenburg	23917
3	OP	S	HY	WAT	32.0	37.0	37.0	1953	VA	Mecklenburg	23917
4	OP	S	HY	WAT	32.0	37.0	37.0	1953	VA	Mecklenburg	23917
5	OP	S	HY	WAT	32.0	37.0	37.0	1953	VA	Mecklenburg	23917
6	OP	S	HY	WAT	32.0	37.0	37.0	1953	VA	Mecklenburg	23917
7	OP	S	HY	WAT	32.0	37.0	37.0	1953	VA	Mecklenburg	23917

Existing Generators

VACAR Subregion

USCE - Wilmington District (18574)

Philpott Lake (3834)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			in-service year	location		
					nameplate	summer	winter		state	county	zip code
1	OP	S	HY	WAT	6.7	7.5	7.5	1953	VA	Henry	24055
2	OP	S	HY	WAT	6.8	7.5	7.5	1953	VA	Henry	24055
3	OP	S	HY	WAT	600.0	600.0	600.0	1953	VA	Henry	24055

Planned Generators

VACAR Subregion

Carolina Power & Light (3046)

Brunswick (6014)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	A	J	ST	NUC	895.0	42.0	42.0	06/2003	NC	Brunswick	28461
1	A	J	ST	NUC	895.0	47.0	47.0	06/2004	NC	Brunswick	28461
2	A	J	ST	NUC	895.0	54.0	54.0	06/2003	NC	Brunswick	28461
2	A	J	ST	NUC	895.0	40.0	40.0	06/2005	NC	Brunswick	28461

Cogentrix-Roxboro (-4)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	OT	S	ST	BIT	0.0	56.0	56.0	12/2002			

Cogentrix-Southport (-5)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	OT	S	ST	BIT	0.0	107.0	107.0	12/2002			

Future Gen Plant (7727)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	IP	S	CC	NG	211.8	162.0	180.0	06/2004			

Planned Generators

VACAR Subregion

Carolina Power & Light (3046)

Future Gen Plant (7728)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
1	IP	S	CC	NG	612.0	480.0	552.0	06/2011			

Future Gen Plant (7729)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
1	IP	S	CC	NG	700.0	500.0	650.0	06/2005			

NA 1 (7539)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	location		
					nameplate	summer	winter		state	county	zip code
10	IP	S	CA	NG	195.3	162.0	182.0	06/2008			
11	L	S	GT	NG	195.0	145.0	186.0	06/2008			
12	L	S	GT	NG	612.0	432.0	552.0	06/2009			
13	L	S	GT	NG	195.0	145.0	186.0	06/2007			
14	T	S	CA	NG	195.0	145.0	186.0	06/2005			
6	L	S	GT	NG	195.0	167.0	145.0	06/2007			
7	L	S	CA	NG	612.0	483.0	432.0	06/2010			
9	T	S	GT	NG	195.3	155.0	180.0	06/2005			

Planned Generators

VACAR Subregion

Carolina Power & Light (3046)

Wayne County (7538)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
10	IP	S	GT	NG	125.0	116.7	134.2	01/1998	NC	Wayne	27530
5	IP	S	GT	NG	125.0	116.7	134.2	01/1998	NC	Wayne	27530
6	IP	S	GT	NG	125.0	116.7	134.2	01/1998	NC	Wayne	27530
7	IP	S	GT	NG	125.0	116.7	134.2	01/1998	NC	Wayne	27530
8	IP	S	GT	NG	125.0	116.7	134.2	01/1998	NC	Wayne	27530
9	IP	S	GT	NG	125.0	116.7	134.2	01/1998	NC	Wayne	27530

Dominion Virginia Power (19876)

Cogentrix-Portsmouth (10071)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	RT	W	ST	BIT	114.8	-115.0	-115.0	06/2008	VA	Portsmouth (city)	23703

Four Rivers One (12175)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	RT	W	GT	NG	163.6	-155.0	-182.0	12/2005	VA	Richmond	23005

Lakeview Hydro (16993)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	RT	W	HY	WAT	0.4	-0.1	-0.1	12/2008	VA	Suffolk (city)	

Planned Generators

VACAR Subregion

Dominion Virginia Power (19876)

Park 500 (10275)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	RT	W	ST	BIT	19.6	-11.5	-11.5	12/2003	VA	Hopewell (city)	23836

Possum Point (3804)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	RT	S	ST	BIT	69.0	-74.0	-74.0	03/2002	VA	Prince William	22026
2	RT	S	ST	BIT	69.0	-69.0	-71.0	03/2002	VA	Prince William	22026
3	FC	S	ST	NG	0.0	0.0	0.0	05/2003	VA	Prince William	22026
4	FC	S	ST	NG	0.0	0.0	0.0	05/2003	VA	Prince William	22026
6	U	S	CC	NG	608.0	462.0	536.0	05/2003	VA	Prince William	22026

Stone Container (10813)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	RT	W	ST	BIT	48.5	-38.4	-38.4	10/2004	VA	Hopewell (city)	

Westvaco (10900)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	RT	W	ST	WDS	68.0	-69.0	-69.0	12/2003	VA	Alleghany	24426

Planned Generators

VACAR Subregion

Duke Power Company (5416)

Buck (2720)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
7	RT	S	GT	DFO	34.9	-31.0	-31.0	12/2008	NC	Rowan	28146
8	RT	S	GT	DFO	34.9	-31.0	-31.0	12/2008	NC	Rowan	28146
9	RT	S	GT	DFO	34.9	-31.0	-31.0	12/2008	NC	Rowan	28146

Buzzard Roost (3254)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
10	RT	S	GT	DFO	17.8	-18.0	-18.0	06/2006	SC	Greenwood	29037
11	RT	S	GT	DFO	17.8	-18.0	-18.0	06/2006	SC	Greenwood	29037
12	RT	S	GT	DFO	17.8	-18.0	-18.0	06/2006	SC	Greenwood	29037
13	RT	S	GT	DFO	17.8	-18.0	-18.0	06/2006	SC	Greenwood	29037
14	RT	S	GT	DFO	17.8	-18.0	-18.0	06/2006	SC	Greenwood	29037
15	RT	S	GT	DFO	17.8	-18.0	-18.0	06/2006	SC	Greenwood	29037
6	RT	S	GT	DFO	22.7	-22.0	-22.0	06/2006	SC	Greenwood	29037
7	RT	S	GT	DFO	22.7	-22.0	-22.0	06/2006	SC	Greenwood	29037
8	RT	S	GT	DFO	22.7	-22.0	-22.0	06/2006	SC	Greenwood	29037
9	RT	S	GT	DFO	22.7	-22.0	-22.0	06/2006	SC	Greenwood	29037

Planned Generators

VACAR Subregion

Duke Power Company (5416)

Dan River (2723)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
4	RT	S	GT	DFO	35.2	-30.0	-30.0	12/2008	NC	Rockingham	27288
5	RT	S	GT	DFO	35.2	-30.0	-30.0	12/2008	NC	Rockingham	27288
6	RT	S	GT	DFO	27.5	-25.0	-25.0	12/2008	NC	Rockingham	27288

Mill Creek Station (7981)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
5	V	S	GT	NG	99.9	70.9	95.9	05/2003	SC	Cherokee	29702
6	V	S	GT	NG	99.9	70.9	95.9	05/2003	SC	Cherokee	29702
7	V	S	GT	NG	99.9	70.9	95.9	05/2003	SC	Cherokee	29702
8	V	S	GT	NG	99.9	70.9	95.9	05/2003	SC	Cherokee	29702

Riverbend (2732)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
10	RT	S	GT	DFO	33.8	-30.0	-30.0	12/2006	NC	Gaston	28120
11	RT	S	GT	DFO	33.8	-30.0	-30.0	12/2006	NC	Gaston	28120
8	RT	S	GT	DFO	33.8	-30.0	-30.0	12/2006	NC	Gaston	28120
9	RT	S	GT	DFO	33.8	-30.0	-30.0	12/2006	NC	Gaston	28120

Planned Generators

VACAR Subregion

Duke Power Company (5416)

W S Lee (3264)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
4	RT	S	GT	DFO	35.1	-30.0	-30.0	12/2008	SC	Anderson	29697
5	RT	S	GT	DFO	35.1	-30.0	-30.0	12/2008	SC	Anderson	29697
6	RT	S	GT	DFO	35.1	-30.0	-30.0	12/2008	SC	Anderson	29697

Old Dominion Electric Cooperative, Inc. (40229)

Louisa Generation Facility (7837)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	U	S	GT	NG	198.9	195.5	195.5	07/2003	VA	Louisa	22942
2	U	S	GT	NG	86.7	100.7	100.7	07/2003	VA	Louisa	22942
3	U	S	GT	NG	86.7	100.7	100.7	07/2003	VA	Louisa	22942
4	U	S	GT	NG	86.7	100.7	100.7	07/2003	VA	Louisa	22942
5	U	S	GT	NG	86.7	100.7	100.7	07/2003	VA	Louisa	22942

Marsh Run Generation Facility (7836)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	P	S	GT	NG	198.9	195.5	195.5	05/2004	VA	Fauquier	22734
2	P	S	GT	NG	198.9	195.5	195.5	05/2004	VA	Fauquier	22734
3	P	S	GT	NG	198.9	195.5	195.5	05/2004	VA	Fauquier	22734

Planned Generators

VACAR Subregion

Old Dominion Electric Cooperative, Inc. (40229)

Rock Springs Generation Facility (7835)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	V	S	GT	NG	198.9	195.5	195.5	06/2003	MD	Cecil	21918
2	V	S	GT	NG	198.9	195.5	195.5	06/2003	MD	Cecil	21918

South Carolina Electric & Gas Company (17539)

Fairfield PS (6126)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	A	S	PS	WAT	63.9	8.0	8.0	06/2003	SC	Fairfield	29065
2	A	S	PS	WAT	63.9	8.0	8.0	06/2003	SC	Fairfield	29065
5	A	S	PS	WAT	63.9	8.0	8.0	06/2004	SC	Fairfield	29065
6	A	S	PS	WAT	63.9	8.0	8.0	06/2004	SC	Fairfield	29065

Jasper (55927)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	U	S	CC	NG	875.0	875.0	875.0	05/2004	SC	Jasper	29927

South Carolina Public Service Authority (17543)

Aiken (7747)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	IP	S	GT	NG	83.0	80.0	80.0	02/2000	SC		
2	IP	S	GT	NG	83.0	80.0	80.0	02/2000	SC		

Planned Generators

VACAR Subregion

South Carolina Public Service Authority (17543)

Cross (130)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
3	P	S	ST	BIT	610.0	590.0	590.0	09/2006	SC	Berkeley	29436

Horry LFG Site (7958)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
HG3	TS	S	IC	OBG	1.1	1.1	1.1	03/2003	SC	Horry	29526

John S Rainey (7834)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
CT3	TS	S	GT	NG	84.0	70.0	100.0	01/2004	SC	Anderson	29684
CT4	TS	S	GT	NG	84.0	70.0	100.0	01/2004	SC	Anderson	29684
CT4B	IP	S	GT	NG	170.0	146.0	168.0	01/2006	SC	Anderson	29684
CT5	TS	S	GT	NG	84.0	70.0	100.0	01/2004	SC	Anderson	29684
CT5A	IP	S	CT	NG	170.0	146.0	168.0	01/2008	SC	Anderson	29684
CT5B	IP	S	CT	NG	170.0	146.0	168.0	01/2009	SC	Anderson	29684
ST2S	P	S	CA	NG	194.4	160.0	179.0	01/2009	SC	Anderson	29684

Planned Generators

VACAR Subregion

South Carolina Public Service Authority (17543)

Unsited, Committed (7814)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
1	IP	S	CT	NG	150.0	150.0	170.0	01/2002	SC		
2	IP	S	CT	NG	150.0	150.0	170.0	01/2002	SC		
3	IP	S	CA	NG	150.0	150.0	170.0	01/2002	SC		
CT1A	IP	S	GT	NG	165.0	146.0	168.0	01/2004	SC		
CT1B	IP	S	GT	NG	165.0	146.0	168.0	01/2004	SC		

Unsited, Uncommitted (7957)

gen id	status	ownership	prime mover	primary energy source	unit capacity, in MW			current effective date	state	location	
					nameplate	summer	winter			county	zip code
CT2A	IP	S	GT	NG	165.0	146.0	168.0	01/2005	SC		
CT2B	IP	S	GT	NG	165.0	146.0	168.0	01/2006	SC		
ST1S	IP	S	CA	NG	190.0	160.0	179.0	01/2009	SC		

Jointly Owned Existing Generating Units **VACAR Subregion**

Carolina Power & Light (3046)

Brunswick (6014) Unit 1

NamePlate: 895.00

owner			owner		
	percent ownership	summer capacity owned		percent ownership	summer capacity owned
3046 Carolina Power & Light	81.67	712.16	13687 North Carolina Eastern M P A	18.33	159.84

Brunswick (6014) Unit 2

NamePlate: 895.00

owner			owner		
	percent ownership	summer capacity owned		percent ownership	summer capacity owned
3046 Carolina Power & Light	81.67	662.34	13687 North Carolina Eastern M P A	18.33	148.66

Harris (6015) Unit 1

NamePlate: 951.00

owner			owner		
	percent ownership	summer capacity owned		percent ownership	summer capacity owned
3046 Carolina Power & Light	83.83	754.47	13687 North Carolina Eastern M P A	16.17	145.53

Jointly Owned Existing Generating Units **VACAR Subregion**

Carolina Power & Light (3046)

Mayo (6250) Unit 1

NamePlate: 735.80

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
3046 Carolina Power & Light	83.83	624.53	13687 North Carolina Eastern M P A	16.17	120.47

Roxboro (2712) Unit 4

NamePlate: 745.20

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
3046 Carolina Power & Light	87.06	609.42	13687 North Carolina Eastern M P A	12.94	90.58

Dominion Virginia Power (19876)

Bath County (6167) Unit 1

NamePlate: 400.00

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
19876 Dominion Virginia Power	60.00	240.00	499 Allegheny Energy	40.00	160.00

Jointly Owned Existing Generating Units **VACAR Subregion**

Dominion Virginia Power (19876)

Bath County (6167) Unit 2

NamePlate: 400.00

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
19876 Dominion Virginia Power	60.00	240.00	499 Allegheny Energy	40.00	160.00

Bath County (6167) Unit 3

NamePlate: 400.00

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
19876 Dominion Virginia Power	60.00	240.00	499 Allegheny Energy	40.00	160.00

Bath County (6167) Unit 4

NamePlate: 400.00

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
19876 Dominion Virginia Power	60.00	240.00	499 Allegheny Energy	40.00	160.00

Jointly Owned Existing Generating Units **VACAR Subregion**

Dominion Virginia Power (19876)

Bath County (6167) Unit 5

NamePlate: 400.00

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
19876 Dominion Virginia Power	60.00	240.00	499 Allegheny Energy	40.00	160.00

Bath County (6167) Unit 6

NamePlate: 400.00

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
19876 Dominion Virginia Power	60.00	240.00	499 Allegheny Energy	40.00	160.00

Clover (7213) Unit 1

NamePlate: 424.00

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
19876 Dominion Virginia Power	50.00	220.50	40229 Old Dominion Electric Cooperative	50.00	220.50

Jointly Owned Existing Generating Units

VACAR Subregion

Dominion Virginia Power (19876)

Clover (7213) Unit 2

NamePlate: 424.00

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
19876 Dominion Virginia Power	50.00	220.50	40229 Old Dominion Electric Cooperative	50.00	220.50

North Anna (6168) Unit 1

NamePlate: 979.70

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
19876 Dominion Virginia Power	88.40	817.70	40229 Old Dominion Electric Cooperative	11.60	107.30

North Anna (6168) Unit 2

NamePlate: 979.70

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
19876 Dominion Virginia Power	88.40	810.63	40229 Old Dominion Electric Cooperative	11.60	106.37

Jointly Owned Existing Generating Units
VACAR Subregion

Duke Power Company (5416)

Catawba (6036) Unit 1

NamePlate: 1205.10

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
13683 North Carolina Electric Membership Corp.	56.25	635.06	5416 Duke Power Company	25.00	282.25
40217 Saluda River Electric Coop Inc	18.75	211.69			

Catawba (6036) Unit 2

NamePlate: 1205.10

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
13630 North Carolina Municipal Power Agency 1	75.00	846.75	15028 Piedmont Municipal Power Agny	25.00	282.25

South Carolina Electric & Gas Company (17539)

Summer (6127) Unit 1

NamePlate: 953.90

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
17539 South Carolina Electric & Gas Company	66.67	644.03	17543 South Carolina Public Service Authority	33.33	321.97

Jointly Owned Existing Generating Units **VACAR Subregion**

South Carolina Public Service Authority (17543)

Dolphus M Grainger (3317) Unit 1

NamePlate: 81.60

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
40218 Central Electric Power Cooperative, Inc.	100.00	85.00			

Dolphus M Grainger (3317) Unit 2

NamePlate: 81.60

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
40218 Central Electric Power Cooperative, Inc.	100.00	85.00			

Hilton Head (3318) Unit 1

NamePlate: 26.60

owner	percent ownership	summer capacity owned	owner	percent ownership	summer capacity owned
40218 Central Electric Power Cooperative, Inc.	100.00	20.00			

Jointly Owned Existing Generating Units **VACAR Subregion**

South Carolina Public Service Authority (17543)

St Stephen (6789) Unit 1

NamePlate: 28.00

owner			owner		
	percent ownership	summer capacity owned		percent ownership	summer capacity owned
4384 U.S. Army Corps of Engineers	100.00	28.00			

St Stephen (6789) Unit 2

NamePlate: 28.00

owner			owner		
	percent ownership	summer capacity owned		percent ownership	summer capacity owned
4384 U.S. Army Corps of Engineers	100.00	28.00			

St Stephen (6789) Unit 3

NamePlate: 28.00

owner			owner		
	percent ownership	summer capacity owned		percent ownership	summer capacity owned
4384 U.S. Army Corps of Engineers	100.00	28.00			

- Sales and Purchases -

VACAR Subregion	Purchase										Summer
Other Party Name	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
AEP Generating Co	250	250	250	250	250	250	250	250	0	0	0
American Electric Power Co Inc	205	305	355	355	355	355	355	355	355	150	150
Aquila Energy Marketing Corp	50	0	0	0	0	0	0	0	0	0	0
Broad River Electric Coop Inc	757	782	782	782	782	782	782	782	782	782	782
Entergy Power Marketing Corp	50	0	0	0	0	0	0	0	0	0	0
Georgia Power Co	121	121	121	121	0	0	0	0	0	0	0
Other or Undesignated	566	566	566	566	566	566	566	566	566	566	566
Other or Undesignated	116	181	149	149	104	104	104	97	88	88	88
Other or Undesignated	0	0	100	150	300	350	400	400	450	450	450
Other or Undesignated	3,689	3,417	3,232	3,184	3,026	3,006	2,811	2,811	2,811	2,811	2,811
PECO Energy Co	0	300	0	0	0	0	0	0	0	0	0
Progress Ventures	303	303	456	456	305	153	0	0	0	0	0
Rockingham Power LLC	600	600	0	0	0	0	0	0	0	0	0
Southeastern Power Admin	61	61	61	61	61	61	61	61	61	61	61
Southern Co Services Inc	0	0	100	100	0	0	0	0	0	0	0
USCE-Nashville District	14	14	14	14	14	14	14	14	14	14	14
USCE-Wilmington District	14	14	14	14	14	14	14	14	14	14	14

- Sales and Purchases -

VACAR Subregion	Purchase										Winter
Other Party Name	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
AEP Generating Co	250	0	0	0	0	0	0	0	0	0	0
American Electric Power Co Inc	305	355	355	355	355	355	355	355	150	150	0
Broad River Electric Coop Inc	169	850	850	850	850	850	850	850	850	850	850
Georgia Power Co	121	121	121	121	0	0	0	0	0	0	0
Other or Undesignated	4,000	3,752	3,619	3,571	3,387	3,366	3,366	3,171	3,171	3,168	3,136
Other or Undesignated	0	0	0	0	0	50	50	100	100	100	100
Other or Undesignated	566	566	566	566	566	566	566	566	566	566	566
Other or Undesignated	118	178	146	101	101	101	93	88	88	88	88
PECO Energy Co	100	0	0	0	0	0	0	0	0	0	0
Progress Ventures	303	303	456	305	305	153	0	0	0	0	0
Rockingham Power LLC	600	0	0	0	0	0	0	0	0	0	0
Southeastern Power Admin	61	61	61	61	61	61	61	61	61	61	61
Southern Co Services Inc	0	100	100	0	0	0	0	0	0	0	0
USCE-Nashville District	28	28	28	28	28	28	28	28	28	28	28

- Sales and Purchases -

VACAR Subregion	Sale										Summer
Other Party Name	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Associated Electric Coop Inc	0	276	276	0	0	0	0	0	0	0	0
Dynegy Power Services Inc	120	120	120	120	120	120	120	120	0	0	0
Enfield Town of	8	10	11	12	12	12	0	0	0	0	0
Entergy Services, Inc.	20	0	0	0	0	0	0	0	0	0	0
Other or Undesignated	18	19	20	20	21	21	0	0	0	0	0
Other or Undesignated	0	100	100	100	100	0	0	0	0	0	0
SEPA-SOU	558	558	558	558	558	558	558	558	558	558	558

- Sales and Purchases -

VACAR Subregion	Sale										Winter
Other Party Name	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Associated Electric Coop Inc	0	276	276	0	0	0	0	0	0	0	0
Dynegy Power Services Inc	120	120	120	120	120	120	120	0	0	0	0
Other or Undesignated	0	100	100	100	0	0	0	0	0	0	0
SEPA-SOU	558	558	558	558	558	558	558	558	558	558	558

- Transmission Additions -

VACAR Subregion

<u>Subregion</u>		Line Length (Miles)	Voltage, kV		In-Service Date
Terminal Locations			Operating	Design	
<u>Dominion Virginia Power</u>					
AEP Joshua Falls	DVP Ladysmith	85.00	500	500	12/2009
Brambleton	Beaumead	11.00	230	230	05/2005
Chickahamony	Lanexa	14.00	230	230	05/2005
Clark	Idylwood	4.00	230	230	05/2006
Fentress	Shawboro	28.00	230	230	06/2004
Fredericksburg	Possum Point (conversion)	24.00	230	230	12/2006
Landstown	West Landing	8.00	230	230	05/2004
Marsh Run	Morrisville	4.00	230	230	05/2004
Midlothian	Trabue	6.00	230	230	11/2005
Midlothian	Winterpock	8.00	230	230	11/2006
Navy South	Navy North	1.50	230	230	05/2004
Navy South	Sewell	1.00	230	230	05/2003
Pleasant View	Hamilton	5.00	230	230	11/2008
<u>Progress Energy Carolinas</u>					
Cape Fear	Siler City	30.00	230	230	06/2006
Clinton	Lee	26.00	230	230	06/2006
Darlington County	Florence	32.00	230	230	06/2005
Florence	Marion	26.00	230	230	06/2006
Marion	Whiteville	42.50	230	230	06/2007
Richmond	Rockingham	7.50	230	230	06/2005
Rockingham	Wadesboro Bowman School	20.00	230	230	06/2007
Rocky Mount	Wilson	13.00	230	230	06/2003

- Transmission Additions -

VACAR Subregion

<u>Subregion</u>		Line Length (Miles)	Voltage, kV		In-Service Date
Terminal Locations			Operating	Design	
<u>S.Carolina Electric & Gas Co</u>					
Columbia Energy	Columbia Energy Tap	2.85	230	230	12/2003
Hopkins	Hopkins Tap	1.00	230	230	05/2004
Jasper County	Purrysburg	1.00	230	230	01/2004
Yemassee	Jasper County	37.30	230	230	09/2003
Yemassee	Jasper County	37.30	230	230	01/2004
Yemassee	Yemassee	2.00	230	230	01/2004
<u>S.Carolina Public Service Authority</u>					
Cross	Kingstree#2	35.00	230	230	01/2006
Dalzell	Camden	20.00	230	230	01/2006
Hemingway	Red Bluff	43.00	230	230	06/2006
Kingstree	Lake City	13.00	230	230	06/2008
Rainey	Anderson #1	9.70	230	230	06/2003
Rainey	Anderson #2	9.70	230	230	06/2003
Varnville	Sycamore	25.00	230	230	06/2005

- NERC Form 5 (Transmission Mileage) -

VACAR Subregion	230kV	345kV	500kV	765kV	Total
Existing	10,065	0	2,002	0	12,067
Transmission Additions - 1st Five Years	540	0	0	0	540
Transmission Additions - 2nd Five Years	51	0	85	0	136
Total	10,656	0	2,087	0	12,743

Note: Existing data is "as of 01/01/03"

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APPENDIX

APPENDIX A

DEFINITIONS

Bundling Arrangement: Identifies the conductor configuration for each phase of a transmission line, when more than one conductor per phase is used.

Bus Name: Unique name of a specific electrical connection point, as used by the respondent.

Bus Number: Unique number assigned to a specific electrical connection point by the respondent.

Case Name: Unique name assigned to the electronic data file that is used to track respondent's data filings.

Circuits Per Structure, Present: Current number of circuits on supporting structures of designated line.

Circuits Per Structure, Ultimate: Planned number of circuits on supporting structures of designated line.

Conductor Material Type: Identifies the type of material used to conduct electricity.

Configuration Maps: Geographic information containing transmission line, substation, and terminal information. It shows the normal operating voltages and includes information about other operational and political boundaries.

Cogenerator: A generating facility that produces electricity and another form of useful thermal energy (such as heat or steam) used for industrial, commercial, heating, or cooling purposes. To receive status as a qualifying facility (QF) under the Public Utility Regulatory Policies Act (PURPA), the facility must produce electric energy and "another form of useful thermal energy through the sequential use of energy" and meet certain ownership, operating, and efficiency criteria established by the Federal Energy Regulatory Commission (FERC). (See the code of Federal Regulations, Title 18, Part 292.)

Combined Cycle: A cogeneration technology in which additional electricity is produced sequentially from the otherwise lost waste heat exiting from one of more gas-fired turbines. The exiting heat flow is routed to an exhaust-fired conventional boiler or to a steam turbine in the production of electricity. This process increases the efficiency of an electric generating system by turning the rejected heat into thermal steam rather than discharging it into the atmosphere.

Committed Resources: All existing capacity and all committed, planned capacity for the specified year. Existing capacity shall include all existing generators regardless of physical location. Committed, planned capacity shall include both capacity that is under construction and existing units that are to be retired and deactivated or reactivated during the specified year.

Conductor: The portion of a transmission line that carries the electrical current.

Direct Control Load Management: The magnitude of customer demand that can be interrupted at the time of the seasonal peak load by direct control of the system operator by interrupting power supply to individual appliances or equipment on customer premises. This type of control usually reduces the demand of residential customers.

Distributed Generator: Distributed generators (DGs) are grid-connected units that are typically located close to customer loads and are connected to the utility grid at distribution voltages (i.e. voltages less than 69 kV).

EIA Company Code: Unique identification number assigned by EIA to companies and entities operating in

APPENDIX A

DEFINITIONS

the electric power industry.

APPENDIX A

DEFINITIONS

Electric Power: The rate at which electric energy is transferred. Electric power is measured by capacity and is commonly expressed in megawatts (MW).

Electricity: A form of energy characterized by the presence and motion of elementary charged particles generated by friction, induction, or chemical change.

Electricity Generation: The process of producing electric energy or the amount of electric energy produced by transforming other forms of energy, commonly expressed in kilowatthours (kWh) or megawatthours (MWh).

Energy Source: The primary source that provides the power that is converted to electricity through chemical, mechanical, or other means. Energy sources include coal, petroleum, and petroleum products, gas, water, uranium, wind, sunlight, geothermal, and other sources.

File Name: The alpha-numeric name that identifies the electronic data file.

Full Responsibility Purchases: Total of all purchases for which the seller is contractually obligated to deliver power and energy to the purchaser with the same degree of reliability as provided to the seller's own native load (customers). Each purchaser and seller must agree on which of their transactions are reported under this heading.

Full Responsibility Sales: Total of all sales for which the seller is contractually obligated to deliver power and energy to the purchaser with the same degree of reliability as provided to the seller's own native load (customers). Each purchaser and seller must agree on which of their transactions are reported under this heading.

Generator Nameplate Capacity (Installed): The maximum rated output of a generator, prime mover, or other electric power production equipment under specific conditions designated by the manufacturer. Installed generator nameplate capacity is commonly expressed in megawatts (MW) and is usually indicated on a nameplate physically attached to the generator.

Gross Generation: The total amount of electric energy produced by generating units and measured at the generating terminal in kilowatthours or megawatthours.

Inoperable Capacity: Generating capacity that is totally or partially out of service at the time of system peak load, either for scheduled outages (see GADS definition of "scheduled outages." These include both maintenance outages and planned outages.) or for reasons such as: environmental restrictions; extensive modifications or repair; or capacity specified as being in a mothballed state.

Internal Demand: Peak hour integrated megawatt demand is defined as the sum of the demands of all customers that a system serves, including the demands of the organization providing the electric service, plus the losses incidental to that service. Total Internal Demand is the sum of the metered (net) outputs of all generators within the system and the metered line flows into the system, less the metered line flows out of the system. The demand of station service or auxiliary needs (such as fan motors, pump motors, and other equipment essential to the operation of the generating units) is not included.

APPENDIX A

DEFINITIONS

Interruptible Demand: The magnitude of customer demand that, in accordance with contractual arrangements, can be interrupted at the time of the NERC Council or Reporting Party seasonal peak by direct control of the System Operator or by action of the customer at the direct request of the System Operator. In some instances, the demand reduction may be effected by direct action of the System Operator (remote tripping) after notice to the customer in accordance with contractual provisions. For example, demands that can be interrupted to fulfill planning or operating reserve requirements normally should be reported as Interruptible Demand. Interruptible Demand as reported here does not include Direct Control Load Management.

Kilowatt (kW): One thousand watts.

Kilowatthour (kWh): One thousand watthours.

Line Length: Number of miles between beginning and ending terminal points of the line, regardless of conductors or circuits carried.

Megawatt (MW): One million watts.

Megawatthour (MWh): One million watthours.

Miles of Line by Voltage (Size): Length of transmission lines by voltage for the electrical system.

Net Capacity: The maximum load that a generating unit, generating station, or other electrical apparatus can carry, exclusive of station use, under specified conditions for a given period of time without exceeding approved limits of temperature and stress.

Net Energy: The net electrical energy requirements of an electric system are defined as system net generation plus energy received from others, less energy delivered to others through interchange. It includes system losses but excludes energy required for storage at energy storage facilities.

Net Generation: The amount of gross generation less the electrical energy consumed at the generating station(s) for station service or auxiliaries. Note: Electricity required for pumping at pumped-storage plants is regarded as electricity for station service and is deducted from gross generation.

Net Internal Demand: Internal Demand less Direct Control Load Management and Interruptible Demand.

Net Operable Capacity: Total owned capacity less inoperable capacity.

Net Summer Capacity: The steady hourly output, which generating equipment is expected to supply to system load exclusive of auxiliary power, as demonstrated by tests at the time of summer peak demand.

Net Winter Capacity: The steady hourly output, which generating equipment is expected to supply to system load exclusive of auxiliary power, as demonstrated by tests at the time of winter peak demand.

Nonutility Power Producer: A corporation, person, agency, authority, or other legal entity or instrumentality that owns electric generating capacity and is not an electric utility. Nonutility power producers include qualifying cogenerators, qualifying small power producers, and other nonutility generators (including independent power producers) without a designated franchised service area, and which do not file forms listed in the Code of Federal Regulations, Title 18, Part 141.

APPENDIX A

DEFINITIONS

North American Industry Classification System (NAICS): A set of codes that describes the possible purposes of a facility.

Ownership (Name of Company): The entity or entities that own(s) the generator. The entity or entities that own(s) the transmission line. Ownership may be single, joint, or held by an entity other than the respondent.

Peak Hour Demand: The maximum load in megawatts during the specified reporting period.

Pole/Tower Type: Identifies the type of transmission line supporting structure.

Prime Mover: The motive force that drives an electric generator (e.g. steam engine, turbine, or water wheel).

Projected In-service Date: The projected date the line will be energized under the control of the system operator, including month and year.

Qualifying Facility (QF): A cogeneration or small power production facility that meets certain ownership, operating, and efficiency criteria established by the Federal Energy Regulatory Commission (FERC) pursuant to the Public Utility Regulatory Policies Act (PURPA). (See the Code of Federal Regulations, Title 18, Part 292.)

Rated Capacity: The maximum utilization level of transmission line, or other electrical device in millions of volt-amperes, or mega-volt amperes (MVA).

Regulated Entity: For the purpose of EIA's data collection efforts, entities that either provide electricity within a designated franchised service area and/or file forms listed in the Code of Federal Regulations, Title 18, part 141 are considered regulated entities. This includes investor-owned electric utilities that are subject to rate regulation, municipal utilities, federal and state power authorities, and rural electric cooperatives. Facilities that qualify as cogenerators or small power producers under the Public Utility Regulatory Power Act (PURPA) are not considered regulated entities.

Renewable Resource: An energy resource that is naturally replenishing but flow-limited. It is virtually inexhaustible in duration, but limited in the amount of energy that is available per unit of time. Renewable resources include: biomass, hydroelectric, geothermal, solar, and wind power.

Size of Conductor: Identifies either the diameter or the cross-sectional area of a transmission line conductor.

Standby Demand: The demand specified by contractual arrangement with a customer to provide power and energy to that customer as a secondary source or backup for an outage of the customer's primary source. Standby Demand is intended to be used infrequently by any one customer.

Summer Peak Hour Demand: The maximum load in megawatts during the period June through September.

Tested Heat Rate: The fuel consumed in British thermal units (Btu) necessary to generate one net kilowatthour of electric energy, reported based on primary energy source under full load conditions. Reported in Btu per kilowatthour.

APPENDIX A

DEFINITIONS

Terminal Location: Identifies the physical location of one end of a transmission line segment.

Total Internal Demand: The sum of internal demand plus standby demand.

Type of Facility: A descriptive identification of what the facility does, highlighting the associated functional activity (e.g., transformer, transmission line, phase-shifter).

Type of Line: Identifies the physical location of the conductor (overhead, underground, or submarine).

Type of Organization: Identifies the type of organization that best represents the line owner including the following types of utilities – Investor-owned (I), Municipality (M), Cooperative (C), State-owned (S), Federally-owned (F), or other (O).

Uncommitted Resources: All proposed generating capacity that is either not under construction or is of “unknown” status.

Unit Code: Multi-generator code that identifies all generators that are operated with others as a single unit. Such generators should report a single heat rate.

Unregulated Entity: For the purpose of EIA’s data collection efforts, entities that do not have a designated franchised service area and that do not file forms listed in the Code of Federal Regulations, Title 18, part 141 are considered unregulated entities. This includes qualifying cogenerators, qualifying small power producers, and other generators that are not subject to rate regulation such as independent power producers.

Voltage, Designed: Voltage at which a designated transmission facility was designed to operate.

Voltage, Operating: Voltage at which a designated transmission facility currently operates.

Voltage Type: With respect to transmission facilities, voltage type identifies whether the line is designed to operate at alternating current (a.c.) or direct current (d.c.) voltages.

Winter Peak Hour Demand: The maximum load in megawatts during the period December through March.

Year of Study: Identification of the projected years covered by a specified study.

Years Projected: Identification of the specific time period for which the projection applies.

APPENDIX B

Principles and Guides for Reliability in System Planning

Southeastern Electric Reliability Council

Principles and Guides for Reliability in System Planning

INTRODUCTION

The purpose of SERC is to augment the reliability of bulk power supply in the areas served by the member systems. This can be best accomplished by promoting maximum coordination of planning, construction and utilization of generation and transmission facilities involved in interconnected operations.

To assist in achieving these objectives, the member organizations of SERC recognize the need for regional criteria to be used in the planning of their systems for adequate and reliable bulk power supply.

It is recognized that the reliability of power supply in local areas is the responsibility of the individual SERC members and that each system has internal criteria relating to load forecasting, resource planning, and transmission planning. The criteria outlined in this document are a resource to be used in conjunction with local area criteria.

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Principles and Guides for Reliability in System Planning

I. FORECASTS

Principle

Electricity demand and energy forecasts must project far enough into the future to allow timely development, design, and implementation of electric system plans needed to reliably supply customer requirements.

Guides

1. Forecasts should generally include such factors as economic, demographic, and customer trends; conservation, improvements in the efficiency of electrical energy use, and other changes in the end uses of electricity; and weather effects.
2. Assumptions, methodologies, and forecast uncertainties should be documented.
3. Forecasts should clearly document how the effects of utility-sponsored demand-side management programs (e.g., conservation, interruptible demand, direct control load management) are treated.
4. Load forecasts based upon the hourly integrated net peak demand for normal weather conditions shall be used for SERC reports. However, other forecasts may be used for purposes other than SERC reporting.
5. Forecasts should state how the electricity demand and energy projections of interconnected entities that are within the boundaries of the SERC region but not members of SERC are addressed.

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II. RESOURCES

Principle

Adequate resources must be planned, designed, and implemented to reliably meet projected customer electricity demand and energy requirements.

Guides

A. General

1. Assessments of future resource adequacy should generally include the following:
 - a. Electricity demand and energy forecasts, including uncertainties
 - b. Existing and planned demand- and supply-side resources
 - c. Availability and performance of all resources
 - d. Limited-energy resources
 - e. Delays in resource in-service dates
 - f. Resource life cycle
 - g. Environmental or regulatory imitations
 - h. Availability of emergency assistance
2. Measurable levels of resource adequacy should be defined, and may be based on any one of several evaluation methodologies or criteria, as appropriate.
3. Adequate margins should be provided in both active (real) and reactive power resources.
4. Resources not under a system's control should be addressed in the planning process as to availability, capacity value, emergency assistance, scheduling, and deliverability.
5. A balanced relationship should be maintained among the type, size, capacity, and location of all electric system resources.

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B. Demand-Side Resources

1. The characteristics of utility-sponsored demand-side resources used in assessing future resource adequacy should generally include the following:
 - a. Consistent demand-side management (DSM) program ratings, including seasonal variations
 - b. Effect on annual system load shape
 - c. Availability, effectiveness, and diversity of DSM programs
 - d. Contractual arrangements
 - e. Expected program duration
 - f. Aggregate effects of multiple DSM programs
2. The effects of utility-sponsored DSM programs (e.g., conservation, interruptible demand, direct control load management) should be documented and should be verified.

C. Supply-Side Resources

1. Supply-side resource characteristics used in assessing future resource adequacy should generally include the following:
 - a. Consistent Generator Unit Ratings, Including Seasonal Variations

Each SERC member shall establish Seasonal Net Capability ratings for each generating unit. The Seasonal Net Capability ratings are intended to reflect such seasonal variations as ambient temperature, condensing water temperature and availability, fuels, steam heating loads, reservoir levels and scheduled reservoir discharge.
 - b. Availability of utility and non-utility generator units
 - c. Dependability of and contractual obligations for capacity and energy purchases and sales, including assignment of system losses
 - d. Fuel availability, deliverability, and diversity
 - e. Retirement of resources

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- f. Changes in unit capability and or availability due to major modifications required for compliance with environmental regulations.
- 2. Supply-side resource capability shall be tested to demonstrate and verify that the Seasonal Net Capability ratings can be achieved in the respective season. The reported capability is, therefore, a figure which should not be altered until the accumulated evidence of tests and/or analyses of operating experience indicate that a long-term change has taken place. The Seasonal Net Capability ratings shall be confirmed annually.
- 3. Non-utility generator facilities should be planned and integrated with the bulk electric systems in accordance with all applicable planning principles, criteria, and guides.
- 4. Purchasers, transmitters, and sellers of electricity should coordinate and agree with each other on the characteristics and level of dependability of their electricity transactions for reliability assessment purposes, including such factors as:
 - a. Contractual commitments
 - b. Duration of the transaction
 - c. Dependability of the transaction
 - d. Availability of dedicated generator units
 - e. Availability of transmission capacity
 - f. Effect of firm transactions on deliverability of emergency assistance
- 5. The system should be planned so that operating procedures can be developed for the timely restoration of supply-side resources following a system disturbance, including coordination with neighboring systems, if necessary.

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Principles and Guides for Reliability in System Planning

III. TRANSMISSION

Principle

Transmission systems that are part of an interconnected network must be planned, designed, and constructed to operate reliably within thermal, voltage, and stability limits.

Guides

A. Adequacy

1. Transmission systems should be capable of delivering generator unit output to meet projected customer demands during normal and probable contingency conditions.
2. Transmission interconnections between electric systems should have sufficient capability to accommodate projected electricity transfers while not burdening neighboring electric systems.
3. An adequate supply of reactive power should be located throughout the electric systems to accommodate projected customer demands and electricity transfers while maintaining system voltages within acceptable limits during normal and probable contingency conditions.
4. A balanced relationship among transmission system elements should be maintained, if practical, to avoid excessive dependence on any one transmission circuit, structure, right-of-way, or substation.
5. Transmission systems should allow for maintenance of generation and transmission equipment without unacceptable loss of system reliability.
6. Transmission systems should provide flexibility in switching arrangements, voltage control, and other control measures to ensure reliable system operation.
7. The system should be planned so that operating procedures can be developed for the timely restoration of electric system elements following a system disturbance, including coordination with neighboring systems, if necessary.
8. The transmission facilities and electricity transfers of interconnected entities that are not members of SERC should be addressed in the transmission planning process.

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B. Security

1. Electric systems should be planned to withstand probable contingencies at projected customer demand levels and electricity transfers.
2. It is recognized that there are credible, less probable contingencies which may result in islanding and/or loss of firm load. These conditions are considered acceptable as long as the adverse impact is limited and rapid load restoration is possible. Credible, less probable contingencies should be evaluated for risks, consequences, and corrective actions to avoid cascading outages or voltage collapse resulting in uncontrolled interruptions to customer electric supply.
3. Each of the SERC member systems should be planned to avoid cascading and should generally consider the following contingencies:
 - a. Sudden loss of entire generating capability in any one plant.
 - b. Sudden loss of a large load or major load center.
 - c. The outage of the most critical transmission line caused by a three-phase fault during the outage of any other critical transmission line.
 - d. Sudden loss of all lines on a common right-of-way.
 - e. Sudden loss of a substation (limited to a single voltage level within the substation plus transformation from that voltage level), including any generating capacity connected thereto.
 - f. Delayed clearing of a three-phase fault at any point on the system due to failure of a breaker to open.

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Principles and Guides for Reliability in System Planning

C. Coordination

1. The planning and development of electric systems should be coordinated with other interconnected systems to preserve the reliability benefits of interconnected operations.
2. Data that is essential for electric system analysis should be shared on a timely basis. Such data generally includes:
 - a. System characteristics for modeling, including transmission, resources, and customer demands
 - b. Resource plans and facility locations
 - c. Electricity transactions
 - d. Special controls and procedures that affect transmission capability, resources, or operations
3. Coordinated system studies should be conducted as required.

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D. Protection Systems

1. Protection systems for interconnected electric systems should be planned to isolate only the faulted electric system element(s), except in those circumstances where additional elements must be removed from service intentionally to preserve electric system integrity.
2. Protection systems should be planned to include the following general characteristics:
 - a. Single-contingency redundancy
 - b. Minimal complexity
 - c. Reliable communication systems, when used
 - d. Selectivity of operation
 - e. Capability of being periodically tested and maintained
3. Special protection systems (or remedial action schemes) should be planned to generally achieve the same level of operational reliability as that provided by traditional protection systems.
4. Automatic load shedding (interruption of electric supply to customers) equipment should be coordinated among electric system elements and with neighboring electric systems to preserve electric system integrity.
5. Protection system designs and their modifications should be coordinated with all applicable planning and operating principles, criteria, guides and with neighboring electric systems as necessary.
6. Protection system applications, settings, and coordination should be reviewed periodically and whenever major changes are anticipated in resources, transmission, substations, operating conditions, or customer demand.

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Principles and Guides for Reliability in System Planning

DEFINITIONS

1. **Adequate/Adequacy** - The ability of a bulk electric system to supply the aggregate electrical demand (power) and energy requirements of the consumers at all times, taking into account scheduled and (reasonably expected) unscheduled outages of system components.
2. **Cascading** - The uncontrolled successive loss of system elements triggered by an incident at any location. Cascading results in an uncontrolled, widespread collapse of system power which cannot be restrained from sequentially spreading beyond an area predetermined by appropriate studies.
3. **Contingency** - The unexpected loss of a system element.

Probable Contingency - The loss of any single element (generating unit, transmission line or transformer).

Credible, Less Probable Contingency - The loss of two or more elements in a single substation, generating plant, or on a transmission right-of-way.

Severe Contingency - The loss of all elements in a single substation at one voltage level plus transformation or the entire substation, all generation at a plant, or all lines on a common transmission line right-of-way.
4. **Emergency Assistance** - Power flow utilizing the interconnected transmission network resulting from a request for assistance by a utility with deficient generation.
5. **Forecast Uncertainty** - The probable deviations from the expected values of factors considered in a forecast.
6. **Integrated Net Peak Demand** - Peak demand calculated by dividing the energy used over a short period of time by the time period.
7. **Limited Energy Resource** - Resources that are dependent on a limited fuel supply, other operating restrictions, or are dispatched to optimize either cost, reliability or other criteria.
8. **Normal Weather** - Typical seasonal weather based on historical actual weather data over a reasonable time period, typically twenty years.
9. **Seasonal Net Capability** - The gross capacity of a generating unit as measured at the generator terminals less the power required for the auxiliary equipment. This value can vary with ambient temperature.

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10. **Net Capacity** - The maximum capacity (or effective rating), modified for ambient limitations, that a generating unit, power plant, or electric system can sustain over a specified period of time, less the capacity used to supply the demand of station service or auxiliary needs (such as fan motors, pump motors, and other equipment essential to operation of the generating units).
11. **Reliability** - In a bulk power system, this is the degree to which the performance of the elements of that system results in power being delivered to consumers within accepted standards and in the amount desired. The degree of reliability may be measured by the frequency, duration, and magnitude of adverse effects on consumer service.
12. **Special Protective System** - A relay system designed to remove electrical elements from the network for conditions other than electrical system faults.
13. **System Disturbance** - An unplanned event that causes widespread variations in system parameters on the bulk electric system.
14. **Security** - The ability of the bulk (power) electric system to withstand sudden disturbances such as electric short circuits or unanticipated loss of system components (or switching operations).

APPENDIX C

CONTROL AREAS

Entergy Subregion

Associate Electric Cooperative, Inc.
Duke Energy North America
Entergy Corporation
 Entergy Arkansas, Inc.
 Entergy Gulf States, Inc.
 Entergy Louisiana, Inc.
 Entergy Mississippi, Inc.
 Entergy New Orleans, Inc.
Louisiana Generating, LLC
Virginia Power - Batesville

Southern Subregion

Alabama Electric Cooperative, Inc.
Duke Energy North America
South Mississippi Electric Power Association
Southeastern Power Administration
Southern Control Area
 Alabama Power Company
 Georgia Power Company
 Gulf Power Company
 Mississippi Power Company
 Municipal Electric Authority of Georgia
 Oglethorpe Power Corporation
 Savannah Electric and Power Company

TVA Subregion

Allegheny Energy Supply
Duke Energy North America
Southeastern Power Administration
Tennessee Valley Authority
 Tapoco

VACAR Subregion

Progress Energy - Carolinas East
Progress Energy - Carolinas West
Dominion Virginia Power
Duke Power Company
South Carolina Electric and Gas Company
South Carolina Public Service Authority
Southeastern Power Administration
Yadkin (Alcoa Power Gen., Inc.)

APPENDIX D

Record Codes for Existing and Planned Units

<u>Prime Mover</u>	<u>Prime Mover Description</u>
ST	Steam Turbine, including nuclear, geothermal and solar steam (does not include Combined Cycle)
GT	Combustion (Gas) Turbine
IC	Internal Combustion (diesel, piston) Engine
CA	Combined Cycle Steam Part
CC	Combined Cycle Total Unit (use only for plants/generators that are in planning stage, for which specific generator details cannot be provided)
CS	Combined Cycle Single Shaft (combustion turbine and steam turbine share a single generator)
CT	Combined Cycle Combustion Turbine Part (type of coal must be reported as energy source for integrated coal)
HY	Hydraulic Turbine (includes turbines associated with delivery of water by pipeline)
PS	Hydraulic Turbine – Reversible (pumped storage)
PV	Photovoltaic
WT	Wind Turbine
CE	Compressed Air Energy Storage
FC	Fuel Cell
OT	Other
NA	Unknown at this time (use only for plants/generators that are in planning stage, for which specific generator details cannot be provided)
<u>Ownership</u>	<u>Ownership Description</u>
S	Single Ownership by Respondent
J	Jointly Owned with another entity
W	Wholly owned by an entity other than respondent
<u>Status (Existing)</u>	<u>Status Code Description</u>
OP	Operating - in service and producing some electricity.
SB	Standby - available for service but not normally used (has little or no generation during the year).
OS	Out of service - units that could not be used for the reporting year, but are expected to be returned to service in the future.
RE	Retired - no longer in service and not expected to be returned to service.
<u>Status (Planned)</u>	<u>Status Code Description</u>
FC	Existing generator planned for conversion to another fuel or energy source
RP	Proposed for life extension or repowering
A	Proposed generator capability increase (rerating or relicensing)
D	Proposed generator capability decrease (rerating or relicensing)
M	Generator to be put in deactivated shutdown status
RA	Previously retired or deactivated generator planned for reactivation
RT	Existing generator scheduled for retirement
CO	Proposed change of ownership (including change of shares of jointly-owned units)
IP	Planned new generator canceled, indefinitely postponed, or no longer in resource plan
TS	Construction complete, but not yet in commercial operation (including lower power testing of nuclear units)
P	Planned for installation but not under construction
L	Regulatory approval pending. Not under construction (started site preparation)
T	Regulatory approval received but not under construction
U	Under construction, less than or equal to 50 percent complete (based on construction time to date of operation)
V	Under construction, more than 50 percent complete (based on construction time to date of operation)
OT	Other (describe under "Notes")

APPENDIX D

Record Codes for Existing and Planned Units

<u>Energy Source</u>	<u>Energy Source Description</u>
BIT	Bituminous Coal
LIG	Lignite Coal
SUB	Subbituminous Coal
WC	Waste/Other Coal (Anthracite Coal, Anthracite Culm, Bituminous Gob, Fine Coal, Lignite Waste, Waste Coal)
SC	Coal-based Synfuel and include briquettes, pellets, or extrusions, which are formed by binding materials and processes that recycle material
DFO	Distillate Fuel Oil (includes all Diesel and No. 1, No. 2, and No. 4 Fuel Oils)
JF	Jet Fuel
KER	Kerosene
RFO	Residual Fuel Oil (includes No. 5 and No. 6 Fuel Oils and Bunker C Fuel Oil)
WO	Oil-Other and Waste Oil (Butane (Liquid), Crude Oil, Liquid Byproducts, Oil Waste, Propane (Liquid), Refined Motor Oil, Sludge Oil, Tar Oil)
PC	Petroleum Coke
NG	Natural Gas
BFG	Blast-Furnace Gas
OG	Other Gas (Butane, Coal Processes, Coke-Oven, Refinery, and other processes)
PG	Propane
NUC	Nuclear (Uranium, Plutonium, Thorium)
AB	Agriculture Crop Byproducts/Straw/Energy Crops
BLQ	Black Liquor
GEO	Geothermal
LFG	Landfill Gas
MSW	Municipal Solid Waste
OBS	Other Biomass Solids (Animal Manure and Waste, Solid Byproducts, and other solid biomass not specified)
OBL	Other Biomass Liquids (Ethanol, Fish Oil, Liquid Acetonitrile Waste, Medical Waste, Tall Oil, Waste Alcohol, and other biomass liquids not specified)
OBG	Other Biomass Gases (Digester Gas, Methane, and other biomass gases)
OTH	Other (Batteries, Chemicals, Coke Breeze, Hydrogen, Pitch, Sulfur, Tar Coal, and miscellaneous technologies)
PUR	Purchased Steam
SLW	Sludge Waste
SUN	Solar (Photovoltaic, Thermal)
TDF	Tires
WAT	Water (Conventional, Pumped Storage)
WDS	Wood/Wood Waste Solids (Paper Pellets, Railroad Ties, Utility Poles, Wood Chips, and other wood solids)
WDL	Wood Waste Liquids (Red Liquor, Sludge Wood, Spent Sulfite Liquor, and other wood related liquids not specified)
WND	Wind
NA	Not Available

APPENDIX E

Bulk Electric System Transmission Maps

Insert Entergy Subregion Map Here

Insert Southern Subregion Map Here

Insert TVA Subregion Map Here

Insert VACAR Subregion Map Here