

Table 1. 2002 Summary Statistics

Item	Value	U.S. Rank
Georgia		
NERC Region(s).....		SERC
Primary Energy Source		Coal
Net Summer Capability (megawatts).....	34,601	7
Electric Utilities	25,821	4
Independent Power Producers & Combined Heat and Power	8,780	10
Net Generation (megawatthours)	126,512,216	9
Electric Utilities	111,855,967	7
Independent Power Producers & Combined Heat and Power	14,656,249	16
Emissions (thousand short tons)		
Sulfur Dioxide	566	5
Nitrogen Oxide.....	165	10
Carbon Dioxide.....	83,943	10
Sulfur Dioxide/sq. mile.....	10	11
Nitrogen Oxide/sq. mile.....	3	17
Carbon Dioxide/sq. mile.....	1,449	18
Utility and ESP Retail Electricity Sales (megawatthours).....	123,789,078	8
Utility Retail Electricity Sales (megawatthours)	123,789,078	7
Direct Use (megawatthours).....	5,455,994	8
Average Retail Price (cents/kWh).....	6.24	28

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2002

Plant	Energy Sources	Operating Company	Net Capability (MW)
Georgia			
1. Scherer	Petroleum, Coal	Georgia Power Co	3,430
2. Bowen	Petroleum, Coal	Georgia Power Co	3,294
3. Wansley.....	Petroleum, Coal	Georgia Power Co	2,805
4. Vogtle.....	Nuclear	Georgia Power Co	2,297
5. Edwin I Hatch.....	Nuclear	Georgia Power Co	1,726
6. Harlee Branch.....	Petroleum, Coal	Georgia Power Co	1,607
7. Yates.....	Petroleum, Gas, Coal	Georgia Power Co	1,295
8. Murray Energy Facilit	Gas	Duke Energy North Amer-Murray	1,244
9. Wansley.....	Gas	Southern Power Co	973
10. Tenaska Georgia Gener	Petroleum, Gas	Tenaska Georgia Partners LP	933

See footnotes at end of tables.

Table 3. Top Five Utilities Ranked by Retail Sales, 2002
(Megawatthours)

Utility	All Sectors	Residential	Commercial	Industrial	Other
Georgia					
A. Georgia Power Company	75,432,469	22,144,559	26,954,922	25,739,785	593,203
B. Savannah Electric & Power Co.....	4,203,626	1,793,330	1,477,224	793,181	139,891
C. Jackson Electric Member Corp	3,823,910	2,205,407	986,068	489,439	142,996
D. Cobb Electric Membership Corp	3,362,087	2,120,993	908,281	197,389	135,424
E. North Georgia Elec Member Corp.....	2,550,739	1,358,670	443,663	729,134	19,272
Total	89,372,831	29,622,959	30,770,158	27,948,928	1,030,786
Percentage of Utility Sales.....	72	61	79	81	61

See footnotes at end of tables.

Table 4. Electric Power Industry Generating Capability by Primary Energy Source, 1993, 1997, and 2002
(Megawatts)

Energy Source	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
Georgia							
Coal	13,115	13,222	13,498	0.3	58.2	53.2	39.0
Petroleum	1,057	1,061	991	-7	4.7	4.3	2.9
Natural Gas	33	33	2,315	60.3	.1	.1	6.7
Dual Fired	622	1,415	1,225	7.8	2.8	5.7	3.5
Nuclear	3,825	3,955	4,023	.6	17.0	15.9	11.6
Hydroelectric	2,853	3,461	3,769	3.1	12.7	13.9	10.9
Total Electric Utilities	21,504	23,147	25,821	2.1	95.5	93.1	74.6
Coal	64	51	317	19.4	.3	.2	.9
Petroleum	150	185	253	6.0	.7	.7	.7
Natural Gas	23	161	4,185	78.5	.1	.6	12.1
Dual Fired	87	582	3,613	51.3	.4	2.3	10.4
Hydroelectric	13	14	10	-3.0	.1	.1	.0
Other Renewables	679	715	402	-5.6	3.0	2.9	1.2
Total IPP's & Combined Heat and Power	1,015	1,707	8,780	27.1	4.5	6.9	25.4
Coal	13,179	13,273	13,815	.5	58.5	53.4	39.9
Petroleum	1,206	1,246	1,243	.3	5.4	5.0	3.6
Natural Gas	56	194	6,500	69.6	.2	.8	18.8
Dual Fired	710	1,997	4,838	23.8	3.2	8.0	14.0
Nuclear	3,825	3,955	4,023	.6	17.0	15.9	11.6
Hydroelectric	2,865	3,474	3,779	3.1	12.7	14.0	10.9
Other Renewables	679	715	402	-5.6	3.0	2.9	1.2
Total Electric Industry	22,519	24,854	34,601	4.9	100.0	100.0	100.0

See footnotes at end of tables.

Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1993, 1997, and 2002
(Megawatthours)

Energy Source	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
Georgia							
Coal	63,295,811	66,179,551	77,288,328	2.2	62.4	61.5	61.1
Petroleum	237,473	200,873	233,940	-.2	.2	.2	.2
Natural Gas	218,218	567,727	1,189,392	20.7	.2	.5	.9
Nuclear	27,233,352	30,414,494	31,107,735	1.5	26.8	28.3	24.6
Hydroelectric	4,752,651	4,417,788	2,036,572	-9.0	4.7	4.1	1.6
Total Electric Utilities	95,737,505	101,780,433	111,855,967	1.7	94.4	94.6	88.4
Coal	956,755	996,020	1,539,796	5.4	.9	.9	1.2
Petroleum	900,439	730,296	970,625	.8	.9	.7	.8
Natural Gas	477,995	648,381	5,699,758	31.7	.5	.6	4.5
Hydroelectric	48,444	51,420	30,982	-4.8	.0	.0	.0
Other Renewables	3,326,431	3,415,216	6,415,087	7.6	3.3	3.2	5.1
Other	0	4,194	0	NM	.0	.0	.0
Total IPP's & Combined Heat and Power	5,710,064	5,845,526	14,656,249	11.0	5.6	5.4	11.6
Coal	64,252,566	67,175,571	78,828,124	2.3	63.3	62.4	62.3
Petroleum	1,137,912	931,169	1,204,565	.6	1.1	.9	1.0
Natural Gas	696,213	1,216,108	6,889,150	29.0	.7	1.1	5.4
Nuclear	27,233,352	30,414,494	31,107,735	1.5	26.8	28.3	24.6
Hydroelectric	4,801,095	4,469,208	2,067,554	-8.9	4.7	4.2	1.6
Other Renewables	3,326,431	3,415,216	6,415,087	7.6	3.3	3.2	5.1
Other	0	4,194	0	NM	.0	.0	.0
Total Electric Industry	101,447,569	107,625,959	126,512,216	2.5	100.0	100.0	100.0

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1993, 1997, and 2002

Fuel	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)
Georgia				
Coal (2002 cents per million Btu)	198.6	163.0	167.7	-1.9
Average heat value (Btu per pound)	12,148	11,755	11,698	-.4
Average sulfur Content(percent)	1.4	.8	.8	-6.0
Petroleum (2002 cents per million Btu)	386.7	432.5	548.6	4.0
Average heat value (Btu per gallon)	142,391	140,473	140,850	-.1
Average sulfur Content(percent)	1.2	.5	.4	-11.8
Gas (2002 cents per million Btu)	360.8	272.8	362.3	*
Average heat value (Btu per cubic foot)	1,023	1,024	1,022	.0

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1993, 1997, and 2002
(Thousand Short Tons)

Emission Type	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)
Georgia				
Sulfur Dioxide				
Coal	696	519	524	-3.1
Petroleum	4	7	24	23.0
Gas	0	0	*	NM
Other	12	10	18	4.5
Total	712	535	566	-2.5
Nitrogen Oxide				
Coal	186	183	152	-2.2
Petroleum	2	2	2	-5
Gas	1	2	5	23.3
Other	4	3	5	4.4
Total	193	189	165	-1.8
Carbon Dioxide				
Coal	63,347	73,610	78,752	2.4
Petroleum	1,485	1,076	1,149	-2.8
Gas	449	1,185	4,041	27.6
Other	0	3	1	NM
Total	65,281	75,874	83,943	2.8

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Revenue per Kilowatthour by Sector, 1993, 1997, and 2001

Sector	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
Georgia							
Retail Sales (thousand megawatthours)							
Residential	33,867	36,831	48,600	4.1	38.0	36.0	39.3
Commercial	25,169	30,200	38,887	4.9	28.2	29.5	31.4
Industrial	29,084	33,957	34,603	1.9	32.6	33.2	27.9
Other	1,071	1,262	1,699	5.3	1.2	1.2	1.4
Total	89,191	102,250	123,789	3.7	100.0	100.0	100.0
Retail Sales Revenue (million 2002 dollars)							
Residential	2,940	2,931	3,706	2.6	44.1	43.8	48.0
Commercial	2,087	2,207	2,513	2.1	31.3	33.0	32.5
Industrial	1,536	1,441	1,366	-1.3	23.0	21.5	17.7
Other	101	117	141	3.8	1.5	1.8	1.8
Total	6,664	6,695	7,726	1.7	100.0	100.0	100.0
Average Revenue per Kilowatthour (2002 cents/kWh)							
Residential	8.68	7.96	7.63	-1.4	NA	NA	NA
Commercial	8.29	7.31	6.46	-2.7	NA	NA	NA
Industrial	5.28	4.24	3.95	-3.2	NA	NA	NA
Other	9.47	9.30	8.31	-1.4	NA	NA	NA
Total	7.47	6.55	6.24	-2.0	NA	NA	NA

See footnotes at end of tables.

Table 9. Utility Retail Sales Statistics, 2002

Item	Investor-Owned	Public	Federal	Cooperative	Energy Service Providers	Total
Georgia						
Number of Entities	2	55	0	41	0	98
Number of Retail Customers	2,115,664	374,809	0	1,581,011	0	4,071,484
Retail Sales (thousand megawatthours).....	79,636	12,342	0	31,811	0	123,789
Percentage of Retail Sales.....	64.33	9.97	.00	25.70	.00	100.00
Revenue from Retail Sales (million 2002 dollars)	4,574	807	0	2,344	0	7,726
Percentage of Revenue.....	59.20	10.45	.00	30.35	.00	100.00
Revenue per Kilowatthour (2002 cents/kWh).....	5.74	6.54	.00	7.37	0	6.24

IPP = Independent Power Producer.

NA = Not available.

NM = Not meaningful.

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "**".)