

Table 1. 2003 Summary Statistics

Item	Value	U.S. Rank
Mississippi		
NERC Region(s).....		SERC/SPP
Primary Energy Source		Coal
Net Summer Capability (megawatts).....	17,282	23
Electric Utilities	9,279	26
Independent Power Producers & Combined Heat and Power	8,005	11
Net Generation (megawatthours).....	40,148,278	34
Electric Utilities	31,358,938	31
Independent Power Producers & Combined Heat and Power	8,789,340	26
Emissions (thousand metric tons)		
Sulfur Dioxide	86	26
Nitrogen Oxide.....	47	32
Carbon Dioxide.....	23,428	34
Sulfur Dioxide (lbs/MWh).....	4.7	23
Nitrogen Oxide (lbs/MWh).....	2.6	26
Carbon Dioxide (lbs/MWh).....	1,286	32
Total Retail Sales (megawatthours).....	45,543,881	28
Full Service Provider Sales (megawatthours).....	45,543,881	28
Direct Use (megawatthours).....	2,382,755	21
Average Retail Price (cents/kWh).....	6.46	27

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2003

Plant	Energy Sources	Operating Company	Net Summer Capability (MW)
Mississippi			
1. Victor J Daniel Jr.....	Petroleum, Gas, Coal	Mississippi Power Co	2,136
2. Grand Gulf.....	Nuclear	Entergy Operations Inc	1,263
3. Baxter Wilson.....	Petroleum, Gas	Entergy Mississippi Inc	1,200
4. Jack Watson.....	Gas, Coal	Mississippi Power Co	1,074
5. Magnolia Power Plant.....	Gas	InterGen North America	863
6. Batesville Generation Facility.....	Gas	LSP Energy Ltd Partnership	858
7. Caledonia.....	Gas	Caledonia Operating Serv LLC	783
8. Southaven Energy LLC.....	Gas	Southaven Operating Services, LLC	783
9. Gerald Andrus.....	Gas, Petroleum	Entergy Mississippi Inc	741
10. Reliant Energy Choctaw County	Gas	Reliant Energy Power Gen Inc	726

See footnotes at end of tables.

Table 3. Top Five Providers of Retail Electricity, 2003
(Megawatthours)

Entity	Ownership Type	All Sectors	Residential	Commercial	Industrial	Transportation
Mississippi						
1. Entergy Mississippi Inc.....	Investor-Owned	12,891,221	5,091,849	4,860,291	2,939,081	0
2. Mississippi Power Co.....	Investor-Owned	9,320,667	2,255,445	2,954,023	4,111,199	0
3. Tennessee Valley Authority	Federal	3,212,150	0	0	3,212,150	0
4. Southern Pine Elec Pwr Assn	Cooperative	1,761,370	879,602	248,431	633,337	0
5. Coast Electric Power Assn.....	Cooperative	1,459,442	987,196	251,848	220,398	0
Total Sales, Top Five Providers.....		28,644,850	9,214,092	8,314,593	11,116,165	0
Percent of Total State Sales		63	52	66	73	0

See footnotes at end of tables.

Table 4. Electric Power Industry Net Summer Capability by Primary Energy Source, 1994, 1998, and 2003
(Megawatts)

Energy Source	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
Mississippi							
Electric Utilities	7,114	7,157	9,279	3.0	95.2	94.9	53.7
Coal.....	2,228	2,136	2,231	*	29.8	28.3	12.9
Petroleum.....	31	40	36	1.7	.4	.5	.2
Natural Gas.....	593	665	2,570	17.7	7.9	8.8	14.9
Dual Fired.....	3,119	3,112	3,179	.2	41.7	41.3	18.4
Nuclear.....	1,143	1,204	1,263	1.1	15.3	16.0	7.3
Independent Power Producers and Combined							
Heat and Power	363	383	8,005	41.0	4.9	5.1	46.3
Coal.....	0	0	440	NM	.0	.0	2.5
Petroleum.....	1	1	0	NM	*	*	.0
Natural Gas.....	68	119	7,282	68.1	.9	1.6	42.1
Other Gases.....	0	0	4	NM	.0	.0	*
Other Renewables.....	294	263	279	-6	3.9	3.5	1.6
Total Electric Industry							
Coal	2,228	2,136	2,671	2.0	29.8	28.3	15.5
Petroleum	32	42	36	1.3	.4	.6	.2
Natural Gas	660	783	9,850	35.0	8.8	10.4	57.0
Other Gases	0	0	4	NM	.0	.0	*
Dual Fired	3,119	3,112	3,179	.2	41.7	41.3	18.4
Nuclear	1,143	1,204	1,263	1.1	15.3	16.0	7.3
Other Renewables	294	263	279	-6	3.9	3.5	1.6

See footnotes at end of tables.

Table 5. Electric Power Industry Generation by Primary Energy Source, 1994, 1998, and 2003
(Megawatthours)

Energy Source	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
Mississippi							
Electric Utilities	26,222,313	31,991,676	31,358,938	2.0	91.5	93.0	78.1
Coal.....	8,889,624	11,747,963	13,742,273	5.0	31.0	34.1	34.2
Petroleum.....	1,106,209	5,417,924	1,620,395	4.3	3.9	15.7	4.0
Natural Gas.....	6,611,781	5,635,261	5,093,814	-2.9	23.1	16.4	12.7
Nuclear.....	9,614,699	9,190,528	10,902,456	1.4	33.5	26.7	27.2
Independent Power Producers and Combined							
Heat and Power	2,448,185	2,417,380	8,789,340	15.3	8.5	7.0	21.9
Coal.....	57,350	31,580	3,340,331	57.1	.2	.1	8.3
Petroleum.....	17,946	7,298	11,461	-4.9	.1	*	*
Natural Gas.....	611,603	941,711	4,383,419	24.5	2.1	2.7	10.9
Other Gases.....	0	0	31,799	NM	.0	.0	.1
Other Renewables.....	1,761,286	1,436,791	1,022,331	-5.9	6.1	4.2	2.5
Total Electric Industry							
Coal	8,946,974	11,779,543	17,082,604	7.5	31.2	34.2	42.5
Petroleum	1,124,155	5,425,222	1,631,856	4.2	3.9	15.8	4.1
Natural Gas	7,223,384	6,576,972	9,477,233	3.1	25.2	19.1	23.6
Other Gases	0	0	31,799	NM	.0	.0	.1
Nuclear	9,614,699	9,190,528	10,902,456	1.4	33.5	26.7	27.2
Other Renewables	1,761,286	1,436,791	1,022,331	-5.9	6.1	4.2	2.5

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1994, 1998, and 2003

Fuel, Quality	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)
Mississippi				
Coal (cents per million Btu).....	157.1	153.8	W	W
Average heat value (Btu per pound).....	11,312	10,569	9,235	-2.2
Average sulfur Content (percent).....	1.0	.7	.6	-5.9
Petroleum (cents per million Btu).....	164.1	199.2	411.9	10.8
Average heat value (Btu per gallon).....	152,706	157,170	155,337	.2
Average sulfur Content (percent).....	2.4	2.8	2.8	1.8
Natural Gas (cents per million Btu).....	189.8	222.1	556.5	12.7
Average heat value (Btu per cubic foot).....	1,043	1,039	1,036	-1

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1994, 1998, and 2003
(Thousand Metric Tons)

Emission Type	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)
Mississippi				
Sulfur Dioxide				
Coal	70	68	62	-1.4
Petroleum	14	65	12	-1.8
Natural Gas	*	*	*	.4
Other.....	16	9	12	-3.2
Total	100	143	86	-1.7
Nitrogen Oxide				
Coal	35	27	32	-7
Petroleum	2	15	6	16.6
Gas.....	14	17	5	-10.6
Other.....	4	3	3	-3.0
Total	54	61	47	-1.6
Carbon Dioxide				
Coal	8,488	11,446	16,428	7.6
Petroleum	901	4,329	1,326	4.4
Gas.....	5,696	5,493	5,673	*
Geothermal.....	—	—	—	NM
Other.....	—	—	1	NM
Total	15,085	21,268	23,428	5.0

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Price by Sector, 1994, 1998, and 2003

Sector	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
Mississippi							
Retail Sales (thousand megawatthours)							
Residential.....	13,642	16,392	17,670	2.9	37.3	38.6	38.8
Commercial.....	7,094	10,781	12,593	6.6	19.4	25.4	27.6
Industrial.....	15,256	14,599	15,281	*	41.6	34.3	33.5
Other.....	635	738	NA	NM	1.7	1.7	NA
Total.....	36,627	42,510	45,544	2.4	100.0	100.0	100.0
Retail Revenue (million dollars)							
Residential.....	964	1,152	1,343	3.8	43.5	45.3	45.7
Commercial.....	512	713	913	6.6	23.1	28.0	31.0
Industrial.....	684	616	684	.0	30.9	24.2	23.3
Other.....	55	62	NA	NM	2.5	2.4	NA
Total.....	2,215	2,543	2,940	3.2	100.0	100.0	100.0
Average Retail Price (cents/kWh)							
Residential.....	7.06	7.03	7.60	.8	NA	NA	NA
Commercial.....	7.22	6.62	7.25	*	NA	NA	NA
Industrial.....	4.48	4.22	4.48	.0	NA	NA	NA
Other.....	8.60	8.45	NA	NM	NA	NA	NA
Total.....	6.05	5.98	6.46	.7	NA	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2003

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Mississippi								
Number of Entities.....	2	23	1	25	NA	NA	NA	51
Number of Retail Customers.....	605,653	131,787	7	683,124	NA	NA	NA	1,420,571
Retail Sales (thousand megawatthours).....	22,212	4,192	3,212	15,928	NA	NA	NA	45,544
Percentage of Retail Sales.....	48.77	9.20	7.05	34.97	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars).....	1,475	265	95	1,106	NA	NA	NA	2,940
Percentage of Revenue.....	50.15	9.01	3.23	37.61	NA	NA	NA	100.00
Average Retail Price (cents/kWh).....	6.64	6.32	2.96	6.94	NA	NA	NA	6.46

Table 9 Notes: Data are shown for All Sectors. **Full Service Providers** sell bundled electricity services (e.g., both energy and delivery) to end users. Full Service Providers may purchase electricity from others (such as Independent Power Producers or other full service providers) prior to delivery. **Other Providers** sell either the energy or the delivery services, but not both. Sales volumes and customer counts shown for Other Providers refer to delivered electricity, which is a joint activity of both energy and delivery providers; for clarity, they are reported only in the Energy column in this table. The revenue shown under Other Providers represents the revenue realized from the sale of the energy and the delivery services distinctly. "Public" entities include municipalities, State power agencies, and municipal marketing authorities. "Federal" entities are either owned or financed by the Federal Government. "Cooperatives" are electric utilities legally established to be owned by and operated for the benefit of those using its service. The cooperative will generate, transmit, and/or distribute supplies of electric energy to a specified area not being serviced by another utility. "Facility" sales represent direct electricity transactions from independent generators to end use consumers.

Other Notes: NA = Not applicable; NM = Not meaningful;

W = Withheld to avoid disclosure of individual company data;

* = 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 '*'.)

Totals may not equal sum of components because of independent rounding;

Table 4 "Other Renewables" includes generation from municipal solid waste; Table 7 "Other" includes emissions from municipal solid waste.

Direct Use is commercial or industrial use of electricity that 1) is self-generated, 2) is produced by either the same entity that consumes the power or an affiliate, and 3) is used in direct support of a service or industrial process located within the same facility or group of facilities that houses the generating equipment. Direct use is exclusive of station use.