

Table 1. 2006 Summary Statistics

Item	Value	U.S. Rank
Mississippi		
NERC Region(s).....		SERC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	16,620	23
Electric Utilities.....	9,407	27
Independent Power Producers & Combined Heat and Power.....	7,212	16
Net Generation (megawatthours).....	46,228,847	30
Electric Utilities.....	34,158,706	31
Independent Power Producers & Combined Heat and Power.....	12,070,141	24
Emissions (thousand metric tons)		
Sulfur Dioxide	82	27
Nitrogen Oxide	45	33
Carbon Dioxide.....	25,802	33
Sulfur Dioxide (lbs/MWh)	3.9	24
Nitrogen Oxide (lbs/MWh)	2.2	27
Carbon Dioxide (lbs/MWh).....	1,230	33
Total Retail Sales (megawatthours)	46,936,437	29
Full Service Provider Sales (megawatthours)	46,936,437	27
Direct Use (megawatthours)	1,963,919	18
Average Retail Price (cents/kWh).....	8.33	19

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capacity, 2006

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Mississippi			
1. Victor J Daniel Jr.....	Coal	Mississippi Power Co	1,979
2. Grand Gulf.....	Nuclear	System Energy Resources, Inc	1,266
3. Baxter Wilson.....	Gas	Entergy Mississippi Inc	1,246
4. Jack Watson	Coal	Mississippi Power Co	998
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 Power LLC.....	Gas	Southaven Operating Services, LLC	759
9. Choctaw Gas Generation Project.....	Gas	Choctaw Gas Generating Pro LLC	735
10. Reliant Energy Choctaw County.....	Gas	Reliant Energy Wholesale Generation LLC	726

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2006
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Mississippi						
1. Entergy Mississippi Inc	Investor-Owned	13,477,107	5,386,994	5,162,628	2,927,485	-
2. Mississippi Power Co	Investor-Owned	8,973,957	2,118,106	2,712,904	4,142,947	-
3. Tennessee Valley Authority	Federal	3,139,788	-	-	3,139,788	-
4. Southern Pine Elec Power Assn	Cooperative	1,901,551	952,999	301,275	647,277	-
5. Coast Electric Power Assn	Cooperative	1,550,464	1,018,981	286,350	245,133	-
Total Sales, Top Five Providers		29,042,867	9,477,080	8,463,157	11,102,630	-
Percent of Total State Sales		62	52	65	71	-

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatts)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Mississippi										
Electric Utilities.....	7,016	7,170	7,964	8,888	9,279	9,015	8,904	9,407	95.2	56.6
Coal.....	2,244	2,255	2,208	2,225	2,231	2,220	2,123	2,108	30.4	12.7
Petroleum.....	894 ^R	31	54	36	36	32	34	36	12.1	0.2
Natural Gas	2,736 ^R	3,711	4,492	5,396	5,749	5,493	5,481	5,997	37.1	36.1
Nuclear.....	1,142	1,173	1,210	1,231	1,263	1,270	1,266	1,266	15.5	7.6
Independent Power Producers and Combined Heat and Power	355	366	3,121	4,803	8,004	8,004	7,980	7,212	4.8	43.4
Coal.....	-	-	-	440	440	440	440	440	-	2.6
Petroleum.....	-	1	6	-	-	-	-	-	-	-
Natural Gas	61	71	2,860	4,080	7,281	7,331	7,307	6,539	0.8	39.3
Other Gases.....	-	-	-	4	4	4	4	4	-	*
Other Renewables.....	294	294	255	279	279	229	229	229	4.0	1.4
Total Electric Industry.....	7,371	7,536	11,084	13,691	17,282	17,019	16,885	16,620	100.0	100.0
Coal.....	2,244	2,255	2,208	2,665	2,671	2,660	2,563	2,548	30.4	15.3
Petroleum.....	894 ^R	32	60	36	36	32	34	36	12.1	0.2
Natural Gas	2,797 ^R	3,782	7,352	9,476	13,029	12,824	12,789	12,537	37.9	75.4
Other Gases.....	-	-	-	4	4	4	4	4	-	*
Nuclear.....	1,142	1,173	1,210	1,231	1,263	1,270	1,266	1,266	15.5	7.6
Other Renewables.....	294	294	255	279	279	229	229	229	4.0	1.4

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatthours)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Mississippi										
Electric Utilities.....	22,923,971	26,395,165	47,550,273	35,099,283	31,358,938	32,838,145	30,619,168	34,158,706	91.0	73.9
Coal.....	9,445,584	9,259,980	19,196,065	12,483,658	13,742,273	14,274,786	13,389,906	14,907,777	37.5	32.2
Petroleum.....	705,474	23,738	5,120,602	26,357	1,620,395	2,763,630	1,432,077	395,330	2.8	0.9
Natural Gas.....	5,350,782	9,098,126	13,309,724	12,529,809	5,093,814	5,566,963	5,719,339	8,437,013	21.2	18.3
Nuclear.....	7,422,131	8,013,321	9,923,882	10,059,459	10,902,456	10,232,766	10,077,846	10,418,586	29.5	22.5
Independent Power Producers and Combined Heat and Power.....	2,277,446	2,585,696	5,896,179	7,801,658	8,789,340	10,824,468	14,448,285	12,070,141	9.0	26.1
Coal.....	80,943	64,972	-	2,369,485	3,340,331	3,202,897	3,245,982	3,197,561	0.3	6.9
Petroleum.....	33,497	14,042	23,088	3,945	11,461	34,038	12,771	3,378	0.1	*
Natural Gas.....	568,882	623,044	4,440,828	4,441,588	4,383,419	6,065,043	9,637,410	7,268,829	2.3	15.7
Other Gases.....	-	-	-	37,916	31,799	40,760	19,886	43,723	-	0.1
Hydroelectric.....	-	-	-	12,129	-	-	-	-	-	-
Other Renewables.....	1,594,124	1,883,638	1,432,117	936,595	1,022,175	1,478,056	1,525,285	1,541,083	6.3	3.3
Other.....	-	-	146	-	156	3,674	6,952	15,568	-	*
Total Electric Industry.....	25,201,417	28,980,861	53,446,452	42,900,941	40,148,278	43,662,613	45,067,453	46,228,847	100.0	100.0
Coal.....	9,526,527	9,324,952	19,196,065	14,853,143	17,082,604	17,477,683	16,635,888	18,105,338	37.8	39.2
Petroleum.....	738,971	37,780	5,143,690	30,302	1,631,856	2,797,668	1,444,848	398,708	2.9	0.9
Natural Gas.....	5,919,664	9,721,170	17,750,552	16,971,397	9,477,233	11,632,006	15,356,749	15,705,842	23.5	34.0
Other Gases.....	-	-	-	37,916	31,799	40,760	19,886	43,723	-	0.1
Nuclear.....	7,422,131	8,013,321	9,923,882	10,059,459	10,902,456	10,232,766	10,077,846	10,418,586	29.5	22.5
Hydroelectric.....	-	-	-	12,129	-	-	-	-	-	-
Other Renewables.....	1,594,124	1,883,638	1,432,117	936,595	1,022,175	1,478,056	1,525,285	1,541,083	6.3	3.3
Other.....	-	-	146	-	156	3,674	6,952	15,568	-	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2001 Through 2006

Fuel, Quality	1990	1995	2001	2002	2003	2004	2005	2006
Mississippi								
Coal (cents per million Btu)	165	153	163	W	W	W	W	W
Average heat value (Btu per pound)	12,543	11,221	11,670	9,723	9,235	9,087	8,993	8,961
Average sulfur Content (percent)	1.64	1.04	0.70	0.63	0.59	0.57	0.57	0.60
Petroleum (cents per million Btu)	243	374	377	428	412	465	651	830
Average heat value (Btu per gallon)	151,229	139,507	154,524	145,986	155,336	155,638	155,064	155,619
Average sulfur Content (percent)	2.82	0.23	2.96	1.36	2.79	2.83	2.86	2.83
Natural Gas (cents per million Btu)	176	171	345	346	557	594	911	695
Average heat value (Btu per cubic foot)	1,036	1,039	1,020	1,030	1,036	1,033	1,034	1,036

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2001 Through 2006
(Thousand Metric Tons)

Emission Type	1990	1995	2001	2002	2003	2004	2005	2006
Mississippi								
Sulfur Dioxide								
Coal.....	96	72	63	60	62	62	60	69
Petroleum.....	11	*	64	1	12	16	8	3
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	12	15	11	11	12	12	11	11
Total.....	120	87	138	72	86	90	79	82
Nitrogen Oxide								
Coal.....	37	49	25	26	32	30	28	34
Petroleum.....	1	*	17	*	6	10	5	3
Natural Gas.....	11	16	12	16	6	5	7	5
Other.....	4	4	4	4	4	4	4	4
Total.....	53	70	59	47	48	50	44	45
Carbon Dioxide								
Coal.....	9,168	9,160	17,936	14,006	16,411	16,897	16,177	17,380
Petroleum.....	684	49	4,333	35	1,328	2,249	1,255	344
Natural Gas.....	4,789	7,228	8,965	9,297	5,678	6,201	7,694	8,055
Other Renewables.....	-	4	1	-	1	7	21	23
Total.....	14,641	16,440	31,235	23,337	23,418	25,354	25,146	25,802

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2001 Through 2006

Sector	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Mississippi										
Retail Sales (thousand megawatthours)										
Residential.....	12,266	14,181	16,856	17,844	17,670	17,580	17,953	18,276	38.2	38.9
Commercial.....	6,746	7,539	11,357	11,773	12,593	12,750	12,666	12,949	21.0	27.6
Industrial.....	12,454	15,477	15,268	15,021	15,281	15,702	15,282	15,712	38.8	33.5
Other.....	661	671	805	815	NA	NA	NA	NA	2.1	NA
All Sectors.....	32,127	37,868	44,287	45,452	45,544	46,033	45,901	46,936	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	845	991	1,243	1,299	1,343	1,444	1,564	1,765	43.0	45.1
Commercial.....	486	529	788	804	913	1,019	1,075	1,213	24.8	31.0
Industrial.....	579	688	672	661	684	759	821	934	29.5	23.9
Other.....	53	57	72	71	NA	NA	NA	NA	2.7	NA
All Sectors.....	1,963	2,265	2,775	2,835	2,940	3,221	3,460	3,912	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	6.89	6.99	7.37	7.28	7.60	8.21	8.71	9.66	NA	NA
Commercial.....	7.21	7.01	6.94	6.83	7.25	7.99	8.48	9.37	NA	NA
Industrial.....	4.65	4.44	4.40	4.40	4.48	4.83	5.37	5.94	NA	NA
Other.....	8.03	8.56	8.95	8.76	NA	NA	NA	NA	NA	NA
All Sectors.....	6.11	5.98	6.26	6.24	6.46	7.00	7.54	8.33	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2006

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	2	23	1	25	NA	NA	NA	51
Number of Retail Customers	609,244	133,722	7	695,781	NA	NA	NA	1,438,754
Retail Sales (thousand megawatthours)	22,451	4,326	3,140	17,019	NA	NA	NA	46,936
Percentage of Retail Sales	47.83	9.22	6.69	36.26	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	1,979	330	114	1,488	NA	NA	NA	3,912
Percentage of Revenue	50.60	8.45	2.92	38.03	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	8.82	7.64	3.64	8.74	NA	NA	NA	8.33

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 services. 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.

Table 10. Supply and Disposition of Electricity, 1990, 1995, and 2001 Through 2006
(Million Kilowatthours)

Category	1990	1995	2001	2002	2003	2004	2005	2006
Supply								
Generation								
Electric Utilities	22,924	26,395	47,550	35,099	31,359	32,838	30,619	34,159
Independent Power Producers	-	3	2,277	5,040	7,308	9,060	12,704	10,182
Combined Heat and Power, Electric	-	-	1,440	1,366	-	-	-	-
Electric Power Sector Generation Subtotal	22,924	26,398	51,267	41,505	38,667	41,898	43,323	44,341
Combined Heat and Power, Commercial	-	23	23	26	26	25	19	7
Combined Heat and Power, Industrial	2,277	2,560	2,156	1,370	1,455	1,740	1,725	1,881
Industrial and Commercial Generation Subtotal	2,277	2,583	2,179	1,396	1,482	1,764	1,745	1,888
Total Net Generation	25,201	28,981	53,446	42,901	40,148	43,663	45,067	46,229
Total Supply	25,201	28,981	53,446	42,901	40,148	43,663	45,067	46,229
Disposition								
Retail Sales								
Full Service Providers	32,127	37,868	44,287	45,452	45,544	46,033	45,901	46,936
Total Electric Industry Retail Sales	32,127	37,868	44,287	45,452	45,544	46,033	45,901	46,936
Direct Use	2,205	2,554	2,303	2,353	2,383	2,385	1,166	1,964
Estimated Losses	2,409	2,875	3,061	2,634	2,944	3,471	3,705	3,729
Total Disposition	36,741	43,297	49,650	50,439	50,870	51,888	50,773	52,629
Net Interstate Trade	-11,540	-14,316	3,796	-7,538	-10,722	-8,226	-5,705	-6,401
Net Trade Index (ratio)	0.69	0.67	1.08	0.85	0.79	0.84	0.89	0.88

R = Revised.

NA = Not applicable; NM = Not meaningful.

W = Withheld to avoid disclosure of individual company data.

- = Data not available.

* = 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 10 Notes: Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. Net Interstate Trade represents the difference between the amount of electricity produced in the State and consumed in the State. Positive values indicate a State that is a net interstate exporter of electricity; negative values indicate a State that is a net interstate importer of electricity. The Net Trade Index represents a State's electricity self-sufficiency. Values greater than 1 indicate that, on an annual net basis, the State supplied electricity consumed outside the State; values less than 1 indicate that, on an annual net basis, the State consumed electricity produced outside the State.

General Notes: Table 4 "Other Renewables" includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. The "Other" category includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. However, Table 5 "Other Renewables" includes only biogenic municipal solid waste, in addition to wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. In Table 5 "Other" includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. In Table 7, "Other Renewables" emissions include biogenic municipal solid waste, and other renewable 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.