

State Electricity Profiles 2005

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Contacts

Questions regarding this report may be directed to:
Energy Information Administration, EI-53
Electric Power Division
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington, D.C. 20585-0650

Questions of a general nature should be directed to:
Robert Schnapp (202/287-1787)
Director, Electric Power Division
E-mail: robert.schnapp@eia.doe.gov;

Contributions to this report were provided by the following employees of the Electric Power Division (fax number 202/287-1946):

Publication Coordinators:
Thomas Leckey

Generation:
Melvin E. Johnson (202/287-1754)
E-mail: melvin.johnson@eia.doe.gov;
Channele Wirman (202/287-1928)
E-mail: channele.wirman@eia.doe.gov;

Capacity:
Kenneth McClevey (202/287-1732)
E-mail: kenneth.mcclevey@eia.doe.gov;

Fuel:
Melvin E. Johnson (202/287-1754)
E-mail: melvin.johnson@eia.doe.gov;
Channele Wirman (202/287-1928)
E-mail: channele.wirman@eia.doe.gov;
Rebecca A McNerney (202/287-1913)
E-mail: rebecca.mcnerney@eia.doe.gov;
Stephen R. Scott (202/287-1737)
E-mail: stephen.scott@eia.doe.gov;

Emissions:
Kevin Lillis (202/287-1757)
E-mail: kevin.lillis@eia.doe.gov;

Retail Customers, Sales, and Revenue:
Karen McDaniel (202/287-1799)
E-mail: karen.mcdaniel@eia.doe.gov;

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The Energy Information Administration is committed to quality products and quality service. To ensure that this report meets the highest standards for quality, please forward your comments or suggestions about this publication to Robert Schnapp at (202-287-1787), or e-mail: robert.schnapp@eia.doe.gov

For general inquiries about energy data, please contact the National Energy Information Center at (202-586-8800). Internet users may contact the center at: infoctr@eia.doe.gov.

Preface

The State Electricity Profiles 2005 presents a summary of State statistics. The objective of the publication is to provide industry decision makers, government policymakers, analysts, and the general public with historical data that may be used in understanding U.S. electricity markets. The State Electricity Profiles is prepared by the Electric Power Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA); U.S. Department of Energy.

Data in this report can be used in analytic studies to evaluate new legislation and are used by analysts, researchers, statisticians, and other professionals with regulatory, policy, and program responsibilities for Federal, State, and local governments.

The State Electricity Profiles presents a summary of the key State statistics for the reporting year contrasted with 7 prior years since 1990. The tables present summary statistics; ten largest plants by generating capacity; top five entities ranked by retail sales; electric power industry generating capacity by primary energy source; electric power industry generation of electricity by primary energy source; utility delivered fuel prices for coal, petroleum, and natural gas; electric power emissions estimates; retail sales, revenue, and average revenue per kilowatthour by sector; and utility retail sales statistics. Monetary values in this publication are expressed in nominal terms.

Data published in the State Electricity Profiles are compiled from five forms filed annually by electric utilities and other electric power producers.

Data Sources

Table 1

Form EIA-767, "Steam-Electric Plant Operation and Design Report"
Form EIA-860, "Annual Electric Generation Report"
Form EIA-861, "Annual Electric Power Industry Report"
Form EIA-906, "Power Plant Report"
Form EIA-920, "Combined Heat and Power Plant Report"

Table 2

Form EIA-860, "Annual Electric Generation Report"

Table 3

Form EIA-861, "Annual Electric Power Industry Report"

Table 4

Form EIA-860, "Annual Electric Generation Report"

Table 5

Form EIA-906, "Power Plant Report"
Form EIA-920, "Combined Heat and Power Plant Report"

Table 6

FERC Form 423, "Cost and Quality of Fuels for Electric Plants"
Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report"

Table 7

Form EIA-767, "Steam-Electric Plant Operation and Design Report"
Form EIA-906, "Power Plant Report"
Form EIA-920, "Combined Heat and Power Plant Report"

Table 8

Form EIA-861, "Annual Electric Power Industry Report"

Table 9

Form EIA-861, "Annual Electric Power Industry Report"

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Alabama		
NERC Region(s).....		SERC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	30,694	9
Electric Utilities.....	23,092	8
Independent Power Producers & Combined Heat and Power.....	7,602	15
Net Generation (megawatthours).....	137,948,581	8
Electric Utilities.....	126,303,893	4
Independent Power Producers & Combined Heat and Power.....	11,644,688	26
Emissions (thousand metric tons)		
Sulfur Dioxide	456	8
Nitrogen Oxide	131	9
Carbon Dioxide.....	83,818	10
Sulfur Dioxide (lbs/MWh)	7.3	13
Nitrogen Oxide (lbs/MWh)	2.1	30
Carbon Dioxide (lbs/MWh).....	1,340	29
Total Retail Sales (megawatthours)	89,201,620	15
Full Service Provider Sales (megawatthours)	89,201,620	15
Direct Use (megawatthours)	4,284,503	7
Average Retail Price (cents/kWh).....	6.46	38

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Alabama			
1. Browns Ferry.....	Nuclear	Tennessee Valley Authority	3,297
2. James H Miller Jr.....	Coal	Alabama Power Co	2,750
3. Barry	Coal	Alabama Power Co	2,520
4. E C Gaston.....	Coal	Alabama Power Co	1,897
5. Joseph M Farley.....	Nuclear	Alabama Power Co	1,711
6. Widows Creek	Coal	Tennessee Valley Authority	1,605
7. Colbert	Coal	Tennessee Valley Authority	1,539
8. E B Harris Electric Generating Plant.....	Gas	Southern Power Co	1,254
9. Greene County.....	Coal	Alabama Power Co	1,249
10. Gorgas.....	Coal	Alabama Power Co	1,235

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Alabama Power Co.....	Investor-Owned	55,683,916	18,073,783	14,254,346	23,355,787	0
2. Tennessee Valley Authority	Federal	6,176,285	0	0	6,176,285	0
3. Huntsville City of	Public	4,976,801	2,280,981	1,621,140	1,074,680	0
4. Decatur Utilities.....	Public	1,465,398	375,581	310,297	779,520	0
5. Florence City of	Public	1,217,521	640,455	400,404	176,662	0
Total Sales, Top Five Providers		69,519,921	21,370,800	16,586,187	31,562,934	0
Percent of Total State Sales		78	68	77	87	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	20,023	20,463	22,366	22,532	23,429	23,007	23,186	23,092	97.5	75.2
Coal.....	11,777	11,669	11,301	11,362	11,246	11,217	11,238	11,500	57.3	37.5
Petroleum.....	16	18	34	34	34	34	34	34	0.1	0.1
Natural Gas	449	987	3,041	3,157	4,182	3,550	3,627	3,311	2.2	10.8
Nuclear.....	4,847	4,835	4,976	4,966	4,966	4,972	5,008	5,008	23.6	16.3
Hydroelectric	2,934	2,955	3,014	3,014	3,002	3,234	3,280	3,240	14.3	10.6
Independent Power Producers and Combined Heat and Power	521	983	1,173	1,303	3,157	7,154	7,461	7,602	2.5	24.8
Coal.....	23	23	108	23	19	14	132	92	0.1	0.3
Petroleum.....	-	2	4	6	7	7	9	9	-	*
Natural Gas	54	165	523	842	2,585	6,585	6,681	6,848	0.3	22.3
Other Gases.....	90	122	80	-	4	4	84	100	0.4	0.3
Other Renewables.....	354	671	457	432	543	544	555	553	1.7	1.8
Total Electric Industry.....	20,544	21,446	23,539	23,835	26,586	30,162	30,647	30,694	100.0	100.0
Coal.....	11,800	11,692	11,409	11,385	11,265	11,231	11,370	11,592	57.4	37.8
Petroleum.....	16	20	38	39	41	41	43	43	0.1	0.1
Natural Gas	503	1,152	3,564	3,998	6,766	10,136	10,308	10,159	2.4	33.1
Other Gases.....	90	122	80	-	4	4	84	100	0.4	0.3
Nuclear.....	4,847	4,835	4,976	4,966	4,966	4,972	5,008	5,008	23.6	16.3
Hydroelectric	2,934	2,955	3,014	3,014	3,002	3,234	3,280	3,240	14.3	10.6
Other Renewables.....	354	671	457	432	543	544	555	553	1.7	1.8

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Alabama										
Electric Utilities.....	76,231,696	99,589,284	118,037,076	118,744,284	123,739,223	126,845,720	124,554,606	126,303,893	95.7	91.6
Coal.....	53,301,276	68,553,249	76,930,683	71,483,576	71,630,811	76,238,978	74,475,725	77,742,466	66.9	56.4
Petroleum.....	91,916	101,716	240,527	262,600	184,379	195,363	111,271	97,269	0.1	0.1
Natural Gas.....	420,115	680,468	3,679,672	8,284,663	11,242,320	6,069,559	7,705,600	6,625,354	0.5	4.8
Nuclear.....	12,051,882	20,752,341	31,368,563	30,357,063	31,856,926	31,676,953	31,635,789	31,694,223	15.1	23.0
Hydroelectric.....	10,366,507	9,501,510	5,817,631	8,356,382	8,824,787	12,664,867	10,626,221	10,144,581	13.0	7.4
Independent Power Producers and Combined Heat and Power.....	3,420,437	5,600,082	6,368,264	6,600,829	9,181,447	10,641,502	12,800,166	11,644,688	4.3	8.4
Coal.....	356,839	494,385	587,031	714,538	410,853	457,413	340,959	370,171	0.4	0.3
Petroleum.....	46,173	99,822	125,628	171,949	127,669	141,281	158,252	137,611	0.1	0.1
Natural Gas.....	600,599	852,916	1,348,539	1,328,019	4,661,745	6,174,039	8,340,232	7,245,961	0.8	5.3
Other Gases.....	269,476	347,027	230,143	189,147	112,541	170,368	181,942	107,088	0.3	0.1
Other Renewables.....	2,147,350	3,805,932	4,076,165	4,189,364	3,745,894	3,672,858	3,751,497	3,759,256	2.7	2.7
Other.....	-	-	758	7,812	122,745	25,543	27,284	24,601	-	*
Total Electric Industry.....	79,652,133	105,189,366	124,405,340	125,345,113	132,920,670	137,487,222	137,354,772	137,948,581	100.0	100.0
Coal.....	53,658,115	69,047,634	77,517,714	72,198,114	72,041,664	76,696,391	74,816,684	78,112,637	67.4	56.6
Petroleum.....	138,089	201,538	366,155	434,549	312,048	336,644	269,523	234,880	0.2	0.2
Natural Gas.....	1,020,714	1,533,384	5,028,211	9,612,682	15,904,065	12,243,598	16,045,832	13,871,315	1.3	10.1
Other Gases.....	269,476	347,027	230,143	189,147	112,541	170,368	181,942	107,088	0.3	0.1
Nuclear.....	12,051,882	20,752,341	31,368,563	30,357,063	31,856,926	31,676,953	31,635,789	31,694,223	15.1	23.0
Hydroelectric.....	10,366,507	9,501,510	5,817,631	8,356,382	8,824,787	12,664,867	10,626,221	10,144,581	13.0	7.4
Other Renewables.....	2,147,350	3,805,932	4,076,165	4,189,364	3,745,894	3,672,858	3,751,497	3,759,256	2.7	2.7
Other.....	-	-	758	7,812	122,745	25,543	27,284	24,601	-	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Alabama								
Coal (cents per million Btu)	184.3	156.0	141.0	141.1	W	W	W	W
Average heat value (Btu per pound)	12,094	11,861	10,951	10,990	10,828	10,977	10,878	10,950
Average sulfur Content (percent)	1.5	1.2	0.9	0.9	0.9	1.0	0.8	1.0
Petroleum (cents per million Btu)	506.6	375.6	651.7	552.1	W	W	W	W
Average heat value (Btu per gallon)	130,098	138,276	137,395	144,286	140,588	141,395	142,757	141,012
Average sulfur Content (percent)	0.9	0.2	0.1	0.1	0.2	0.1	0.1	0.1
Natural Gas (cents per million Btu)	215.6	197.7	437.5	505.5	345.7	561.5	606.3	925.3
Average heat value (Btu per cubic foot)	1,030	1,016	1,034	1,030	1,037	1,039	1,035	1,041

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Alabama								
Sulfur Dioxide								
Coal.....	485	458	485	435	417	425	385	428
Petroleum.....	1	1	2	2	1	1	1	1
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	19	25	23	26	28	26	23	26
Total.....	506	483	509	462	447	453	409	456
Nitrogen Oxide								
Coal.....	210	252	169	147	140	136	120	118
Petroleum.....	*	*	*	2	1	1	*	1
Natural Gas.....	2	4	7	13	13	8	9	6
Other.....	6	9	8	10	11	7	7	7
Total.....	218	266	185	171	165	152	136	131
Carbon Dioxide								
Coal.....	50,994 ^R	65,276 ^R	75,086 ^R	70,648	71,121	73,360	71,254	75,644
Petroleum.....	226 ^R	397 ^R	668 ^R	676	443	515	1,217	1,376
Natural Gas.....	1,107 ^R	2,170 ^R	4,720 ^R	6,490	8,383	6,365	7,845	6,766
Other Renewables.....	16 ^R	10 ^R	38 ^R	29	11	59	39	32
Total.....	52,342 ^R	67,853 ^R	80,512 ^R	77,843	79,958	80,300	80,354	83,818

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Alabama										
Retail Sales (thousand megawatthours)										
Residential.....	20,719	24,314	28,756	27,802	30,022	29,416	30,109	31,315	34.6	35.1
Commercial.....	10,979	12,284	19,057	18,868	19,666	20,411	21,166	21,608	18.3	24.2
Industrial.....	27,618	32,847	35,034	31,949	32,615	34,017	35,595	36,279	46.1	40.7
Other.....	610	561	677	739	764	NA	NA	NA	1.0	NA
All Sectors.....	59,926	70,007	83,524	79,358	83,067	83,844	86,871	89,202	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	1,366	1,631	2,028	1,950	2,138	2,175	2,295	2,504	40.9	43.4
Commercial.....	738	827	1,254	1,233	1,305	1,399	1,506	1,620	22.1	28.1
Industrial.....	1,199	1,332	1,357	1,212	1,244	1,355	1,477	1,641	35.9	28.5
Other.....	34	41	48	53	57	NA	NA	NA	1.0	NA
All Sectors.....	3,338	3,831	4,687	4,448	4,745	4,929	5,278	5,765	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	6.59	6.71	7.05	7.01	7.12	7.39	7.62	8.00	NA	NA
Commercial.....	6.72	6.73	6.58	6.53	6.63	6.85	7.12	7.50	NA	NA
Industrial.....	4.34	4.05	3.87	3.79	3.82	3.98	4.15	4.52	NA	NA
Other.....	5.61	7.35	7.12	7.11	7.46	NA	NA	NA	NA	NA
All Sectors.....	5.57	5.47	5.61	5.60	5.71	5.88	6.08	6.46	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	1	36	1	24	NA	NA	NA	62
Number of Retail Customers	1,394,751	490,893	22	512,726	NA	NA	NA	2,398,392
Retail Sales (thousand megawatthours)	55,684	16,480	6,176	10,861	NA	NA	NA	89,202
Percentage of Retail Sales	62.42	18.48	6.92	12.18	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	3,621	1,048	224	871	NA	NA	NA	5,765
Percentage of Revenue	62.82	18.19	3.88	15.11	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	6.50	6.36	3.62	8.02	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 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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Alaska		
NERC Region(s).....		ASCC
Primary Energy Source.....		Gas
Net Summer Capability (megawatts).....	1,890	48
Electric Utilities.....	1,742	40
Independent Power Producers & Combined Heat and Power.....	148	48
Net Generation (megawatthours).....	6,576,659	47
Electric Utilities.....	5,946,148	41
Independent Power Producers & Combined Heat and Power.....	630,511	46
Emissions (thousand metric tons)		
Sulfur Dioxide	4	48
Nitrogen Oxide	17	41
Carbon Dioxide.....	4,323	46
Sulfur Dioxide (lbs/MWh)	1.4	43
Nitrogen Oxide (lbs/MWh)	5.6	3
Carbon Dioxide (lbs/MWh).....	1,449	21
Total Retail Sales (megawatthours).....	5,912,571	50
Full Service Provider Sales (megawatthours)	5,912,571	48
Direct Use (megawatthours)	329,542	37
Average Retail Price (cents/kWh).....	11.72	7

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Alaska			
1. Beluga.....	Gas	Chugach Electric Assn Inc	344
2. George M Sullivan Generation Plant 2	Gas	Municipality of Anchorage	220
3. Bradley Lake.....	Hydroelectric	Homer Electric Assn Inc	126
4. North Pole.....	Petroleum	Golden Valley Elec Assn Inc	96
5. Snettisham	Hydroelectric	Alaska Electric Light&Power Co	78
6. Bernice Lake.....	Gas	Chugach Electric Assn Inc	62
7. Anchorage 1.....	Gas	Municipality of Anchorage	62
9. Eklutna Hydro Project	Hydroelectric	Municipality of Anchorage	44
10. International.....	Gas	Chugach Electric Assn Inc	42

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Chugach Electric Assn Inc	Cooperative	1,216,808	559,744	619,507	37,557	0
2. Golden Valley Electric Assn Inc	Cooperative	1,173,337	318,085	142,695	712,557	0
3. Anchorage Municipality of.....	Public	1,000,409	147,171	853,238	0	0
4. Matanuska Electric Assn Inc	Cooperative	644,410	406,770	237,640	0	0
5. Homer Electric Assn Inc.....	Cooperative	503,309	170,004	170,239	163,066	0
Total Sales, Top Five Providers		4,538,273	1,601,774	2,023,319	913,180	0
Percent of Total State Sales		77	78	75	79	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Alaska										
Electric Utilities.....	1,542	1,732	1,794	1,770	1,740	1,753	1,722	1,742	84.4	92.2
Coal.....	56	54	25	25	25	25	25	25	3.0	1.3
Petroleum.....	456	534	610	527	522	529	517	526	25.0	27.8
Natural Gas	794	792	762	819	796	803	785	785	43.5	41.5
Hydroelectric	236	353	396	399	396	396	395	397	12.9	21.0
Other Renewables.....	*	*	*	-	-	1	1	10	*	0.5
Independent Power Producers and Combined Heat and Power	284	277	315	305	267	142	129	148	15.6	7.8
Coal.....	61	57	83	60	60	60	60	80	3.3	4.2
Petroleum.....	85	46	58	56	55	50	48	48	4.6	2.6
Natural Gas	137	137	173	189	152	32	20	20	7.5	1.1
Other Renewables.....	2	37	-	-	-	-	-	-	0.1	-
Total Electric Industry.....	1,826	2,009	2,108	2,075	2,006	1,895	1,851	1,890	100.0	100.0
Coal.....	117	110	108	85	85	85	85	105	6.4	5.5
Petroleum.....	541	581	669	583	577	579	565	574	29.6	30.4
Natural Gas	931	930	936	1,008	948	835	805	805	51.0	42.6
Hydroelectric	236	353	396	399	396	396	395	397	12.9	21.0
Other Renewables.....	2	37	*	-	-	1	1	10	0.1	0.5

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Alaska										
Electric Utilities.....	4,493,024	4,846,922	4,937,687	5,416,191	5,471,990	5,673,462	5,866,420	5,946,148	80.2	90.4
Coal.....	311,960	309,232	184,901	194,008	204,490	167,555	211,075	219,320	5.6	3.3
Petroleum.....	336,905	486,640	557,013	847,761	875,153	775,374	681,848	685,559	6.0	10.4
Natural Gas.....	2,869,638	2,678,935	3,193,954	3,027,807	2,952,996	3,147,997	3,475,477	3,576,738	51.2	54.4
Hydroelectric.....	974,521	1,372,115	1,001,819	1,345,665	1,439,351	1,582,536	1,498,020	1,463,942	17.4	22.3
Other Renewables.....	-	-	-	950	-	-	-	589	-	*
Independent Power Producers and Combined Heat and Power.....	1,106,482	1,179,194	1,218,838	1,327,575	1,295,336	665,270	660,297	630,511	19.8	9.6
Coal.....	198,613	219,698	353,772	370,585	370,798	382,109	437,352	403,810	3.5	6.1
Petroleum.....	160,211	133,924	83,188	89,228	87,217	70,900	65,775	74,559	2.9	1.1
Natural Gas.....	596,623	700,638	781,878	867,762	825,166	206,485	147,954	146,888	10.7	2.2
Other Renewables.....	151,035	124,934	-	-	12,155	5,777	9,215	5,254	2.7	0.1
Total Electric Industry.....	5,599,506	6,026,116	6,156,525	6,743,766	6,767,326	6,338,732	6,526,717	6,576,659	100.0	100.0
Coal.....	510,573	528,930	538,673	564,593	575,288	549,664	648,427	623,130	9.1	9.5
Petroleum.....	497,116	620,564	640,201	936,989	962,370	846,274	747,623	760,118	8.9	11.6
Natural Gas.....	3,466,261	3,379,573	3,975,832	3,895,569	3,778,162	3,354,482	3,623,431	3,723,626	61.9	56.6
Hydroelectric.....	974,521	1,372,115	1,001,819	1,345,665	1,439,351	1,582,536	1,498,020	1,463,942	17.4	22.3
Other Renewables.....	151,035	124,934	-	950	12,155	5,777	9,215	5,843	2.7	0.1

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Alaska								
Petroleum (cents per million Btu)	-	-	-	-	-	-	-	1,025.8
Average heat value (Btu per gallon)	-	-	-	-	-	-	-	138,800
Average sulfur Content (percent)	-	-	-	-	-	-	-	0.2
Natural Gas (cents per million Btu)	-	128.6	177.1	236.1	W	229.0	278.6	341.5
Average heat value (Btu per cubic foot)	-	1,002	1,000	1,010	1,001	1,000	1,000	1,000

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Alaska								
Sulfur Dioxide								
Coal.....	14	10	4	4	4	2	2	2
Petroleum.....	4	*	1	4	3	3	2	2
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	1	1	-	-	-	-	-	-
Total.....	19	11	5	8	7	4	4	4
Nitrogen Oxide								
Coal.....	6	6	6	4	4	2	2	3
Petroleum.....	1	1	1	8	8	7	7	7
Natural Gas.....	6	5	6	6	6	6	15	7
Other.....	*	*	-	-	*	*	*	*
Total.....	13	12	13	18	19	16	25	17
Carbon Dioxide								
Coal.....	1,450 ^R	1,522 ^R	1,456 ^R	1,401	1,250	1,222	1,296	1,269
Petroleum.....	334 ^R	445 ^R	587 ^R	797	819	717	650	637
Natural Gas.....	2,391 ^R	2,095 ^R	2,475 ^R	2,392	2,344	2,009	2,785	2,418
Total.....	4,175 ^R	4,062 ^R	4,518 ^R	4,591	4,413	3,947	4,731	4,323

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Alaska										
Retail Sales (thousand megawatthours)										
Residential.....	1,661	1,713	1,855	1,891	1,932	1,987	2,062	2,062	39.1	34.9
Commercial.....	1,972	2,200	2,236	2,289	2,238	2,473	2,601	2,695	46.4	45.6
Industrial.....	459	546	1,037	1,079	1,088	1,104	1,126	1,156	10.8	19.6
Other.....	161	172	182	194	207	NA	NA	NA	3.8	NA
All Sectors.....	4,254	4,632	5,310	5,454	5,465	5,564	5,788	5,913	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	168	192	212	229	233	238	256	274	41.7	39.6
Commercial.....	178	210	219	235	227	259	286	311	44.1	44.9
Industrial.....	36	46	78	82	83	87	94	107	9.0	15.5
Other.....	21	23	26	28	29	NA	NA	NA	5.3	NA
All Sectors.....	403	471	535	575	572	584	636	693	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	10.11	11.24	11.45	12.12	12.05	11.98	12.44	13.30	NA	NA
Commercial.....	9.01	9.54	9.77	10.29	10.13	10.49	10.99	11.56	NA	NA
Industrial.....	7.91	8.38	7.56	7.61	7.65	7.86	8.33	9.29	NA	NA
Other.....	13.22	13.26	14.17	14.37	14.04	NA	NA	NA	NA	NA
All Sectors.....	9.48	10.17	10.08	10.54	10.46	10.50	10.99	11.72	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	20	34	NA	18	NA	NA	NA	72
Number of Retail Customers	26,988	57,360	NA	218,326	NA	NA	NA	302,674
Retail Sales (thousand megawatthours)	463	1,506	NA	3,944	NA	NA	NA	5,913
Percentage of Retail Sales	7.83	25.47	NA	66.70	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	65	166	NA	462	NA	NA	NA	693
Percentage of Revenue	9.43	23.91	NA	66.66	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	14.11	11.00	NA	11.71	NA	NA	NA	11.72

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Arizona		
NERC Region(s).....		WECC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	24,904	15
Electric Utilities.....	17,732	14
Independent Power Producers & Combined Heat and Power.....	7,172	16
Net Generation (megawatthours).....	101,478,654	15
Electric Utilities.....	82,914,964	15
Independent Power Producers & Combined Heat and Power.....	18,563,691	17
Emissions (thousand metric tons)		
Sulfur Dioxide	48	34
Nitrogen Oxide	75	23
Carbon Dioxide.....	51,357	20
Sulfur Dioxide (lbs/MWh)	1.0	44
Nitrogen Oxide (lbs/MWh)	1.6	36
Carbon Dioxide (lbs/MWh).....	1,116	39
Total Retail Sales (megawatthours)	69,390,686	22
Full Service Provider Sales (megawatthours)	69,390,686	21
Direct Use (megawatthours)	501,869	34
Average Retail Price (cents/kWh).....	7.79	19

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Arizona			
1. Palo Verde	Nuclear	Arizona Public Service Co	3,875
2. Navajo.....	Coal	Salt River Proj Ag I & P Dist	2,250
3. Gila River Power Station.....	Gas	Panda Gila River LP	2,060
4. Glen Canyon Dam	Hydroelectric	U S Bureau of Reclamation	1,312
5. Mesquite Generating Station	Gas	Mesquite Power LLC	1,073
6. Harquahala Generating Project.....	Gas	New Harquahala Generating Co, LLC	1,054
7. Hoover Dam	Hydroelectric	U S Bureau of Reclamation	1,040
8. Cholla.....	Coal	Arizona Public Service Co	1,021
9. Red Hawk	Gas	Arizona Public Service Co	948
10. West Phoenix.....	Gas	Arizona Public Service Co	939

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Arizona						
1. Arizona Public Service Co	Investor-Owned	26,477,586	12,223,613	11,842,700	2,411,273	0
2. Salt River Project.....	Public	24,656,337	11,924,760	10,072,634	2,658,943	0
3. Tucson Electric Power Co.....	Investor-Owned	8,874,985	3,633,226	2,096,550	3,145,209	0
4. Morenci Water & Electric Co.....	Investor-Owned	1,623,032	10,731	15,413	1,596,888	0
5. UNS Electric Inc.....	Investor-Owned	1,520,948	745,166	594,361	181,421	0
Total Sales, Top Five Providers		63,152,888	28,537,496	24,621,658	9,993,734	0
Percent of Total State Sales.....		91	93	90	88	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Arizona										
Electric Utilities.....	14,906	15,222	15,140	15,284	15,699	16,193	16,141	17,732	99.3	71.2
Coal.....	5,116	5,159	5,336	5,336	5,336	5,336	5,336	5,362	34.1	21.5
Petroleum.....	75	92	244	243	263	191	108	108	0.5	0.4
Natural Gas.....	3,309	3,276	2,939	3,080	3,444	3,908	3,955	5,438	22.0	21.8
Nuclear.....	3,663	3,810	3,733	3,733	3,733	3,825	3,804	3,875	24.4	15.6
Hydroelectric.....	2,595	2,699	2,705	2,705	2,703	2,706	2,710	2,720	17.3	10.9
Other Renewables.....	-	-	1	5	5	11	12	13	-	0.1
Pumped Storage.....	148	185	182	182	216	216	216	216	1.0	0.9
Independent Power Producers and Combined Heat and Power	105	160	171	1,437	3,743	7,316	8,162	7,172	0.7	28.8
Coal.....	51	51	65	68	68	68	68	68	0.3	0.3
Petroleum.....	8	7	4	4	4	4	4	4	0.1	*
Natural Gas.....	46	103	102	1,365	3,672	7,245	8,091	7,097	0.3	28.5
Other Renewables.....	-	-	-	-	-	-	-	3	-	*
Total Electric Industry.....	15,011	15,382	15,311	16,721	19,442	23,510	24,303	24,904	100.0	100.0
Coal.....	5,167	5,210	5,401	5,404	5,404	5,404	5,404	5,430	34.4	21.8
Petroleum.....	83	99	248	247	267	195	112	112	0.6	0.4
Natural Gas.....	3,355	3,379	3,041	4,446	7,115	11,152	12,046	12,535	22.4	50.3
Nuclear.....	3,663	3,810	3,733	3,733	3,733	3,825	3,804	3,875	24.4	15.6
Hydroelectric.....	2,595	2,699	2,705	2,705	2,703	2,706	2,710	2,720	17.3	10.9
Other Renewables.....	-	-	1	5	5	11	12	16	-	0.1
Pumped Storage.....	148	185	182	182	216	216	216	216	1.0	0.9

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Arizona										
Electric Utilities.....	62,288,980	68,966,538	88,149,792	85,807,868	81,710,063	80,348,246	81,351,521	82,914,964	99.2	81.7
Coal.....	31,636,037	31,710,476	40,662,627	39,731,623	37,957,468	37,739,559	39,419,177	39,750,729	50.4	39.2
Petroleum.....	116,407	63,610	189,396	311,787	51,061	46,706	39,414	41,127	0.2	*
Natural Gas.....	2,271,504	1,729,497	8,274,026	9,106,433	5,238,416	6,580,927	6,812,355	10,739,962	3.6	10.6
Nuclear.....	20,597,689	26,984,507	30,380,571	28,724,076	30,861,911	28,581,053	28,112,609	25,807,446	32.8	25.4
Hydroelectric.....	7,417,576	8,288,419	8,354,216	7,623,565	7,427,180	7,074,984	6,973,147	6,410,064	11.8	6.3
Other Renewables.....	-	-	-	34,090	50,063	41,426	48,259	58,271	-	0.1
Pumped Storage.....	249,767	190,029	288,956	276,294	123,964	283,590	-53,440	107,365	0.4	0.1
Independent Power Producers and Combined Heat and Power.....	485,317	814,401	796,785	4,103,404	12,421,603	14,047,972	23,212,622	18,563,690	0.8	18.3
Coal.....	279,573	241,183	330,502	329,871	269,163	351,850	394,690	392,581	0.4	0.4
Petroleum.....	35,460	18,947	927	2,419	6,385	1,970	1,102	2,081	0.1	*
Natural Gas.....	62,396	463,450	460,773	3,765,767	12,054,599	12,351,714	21,449,276	18,153,305	0.1	17.9
Other Renewables.....	107,888	90,821	4,583	5,347	3,742	3,843	4	15,724	0.2	*
Other.....	-	-	-	-	87,714	1,338,595	1,367,550	-	-	-
Total Electric Industry.....	62,774,297	69,780,939	88,946,577	89,911,272	94,131,666	94,396,218	104,564,143	101,478,654	100.0	100.0
Coal.....	31,915,610	31,951,659	40,993,129	40,061,494	38,226,631	38,091,409	39,813,867	40,143,310	50.8	39.6
Petroleum.....	151,867	82,557	190,323	314,206	57,446	48,676	40,516	43,208	0.2	*
Natural Gas.....	2,333,900	2,192,947	8,734,799	12,872,200	17,293,015	18,932,641	28,261,631	28,893,267	3.7	28.5
Nuclear.....	20,597,689	26,984,507	30,380,571	28,724,076	30,861,911	28,581,053	28,112,609	25,807,446	32.8	25.4
Hydroelectric.....	7,417,576	8,288,419	8,354,216	7,623,565	7,427,180	7,074,984	6,973,147	6,410,064	11.8	6.3
Other Renewables.....	107,888	90,821	4,583	39,437	53,805	45,269	48,263	73,995	0.2	0.1
Pumped Storage.....	249,767	190,029	288,956	276,294	123,964	283,590	-53,440	107,365	0.4	0.1
Other.....	-	-	-	-	87,714	1,338,595	1,367,550	-	-	-

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Arizona								
Coal (cents per million Btu)	143.0	139.5	123.8	125.0	W	W	W	W
Average heat value (Btu per pound)	10,482	10,274	10,229	10,145	10,232	10,081	10,211	10,088
Average sulfur Content (percent)	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
Petroleum (cents per million Btu)	446.1	510.2	859.9	706.3	W	W	W	1,403.0
Average heat value (Btu per gallon)	142,831	139,933	138,607	143,333	139,567	139,550	133,595	140,912
Average sulfur Content (percent)	0.5	0.3	0.1	0.8	0.1	0.2	0.3	0.3
Natural Gas (cents per million Btu)	236.9	172.9	477.9	460.4	320.1	506.1	572.1	803.9
Average heat value (Btu per cubic foot)	1,034	1,022	1,016	1,020	1,021	1,021	1,021	1,025

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Arizona								
Sulfur Dioxide								
Coal.....	113	124	67	66	64	63	55	48
Petroleum.....	*	*	*	1	*	*	*	*
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	1	1	-	-	-	-	-	-
Total.....	115	125	67	67	64	63	55	48
Nitrogen Oxide								
Coal.....	145	141	80	76	74	73	73	71
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	3	3	13	12	9	10	4	4
Other.....	*	*	*	*	*	*	*	*
Total.....	149	144	93	89	83	83	78	75
Carbon Dioxide								
Coal.....	31,336 ^R	31,622 ^R	39,896 ^R	39,107	37,404	37,538	39,225	39,507
Petroleum.....	111 ^R	62 ^R	174 ^R	299	51	43	40	35
Natural Gas.....	1,265 ^R	1,199 ^R	5,180 ^R	6,988	7,858	9,077	12,992	11,814
Other Renewables.....	-	-	-	-	108	-	-	-
Total.....	32,712 ^R	32,884 ^R	45,250 ^R	46,394	45,421	46,657	52,257	51,357

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Arizona										
Retail Sales (thousand megawatthours)										
Residential.....	15,378	18,036	24,844	26,200	26,413	27,742	28,921	30,544	37.1	44.0
Commercial.....	13,731	16,290	21,411	22,045	22,371	25,425	26,106	27,468	33.1	39.6
Industrial.....	10,034	11,992	11,975	11,377	11,026	10,914	11,906	11,379	24.2	16.4
Other.....	2,327	2,272	2,900	2,652	2,791	NA	NA	NA	5.6	NA
All Sectors.....	41,470	48,589	61,130	62,274	62,601	64,080	66,933	69,391	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	1,390	1,640	2,096	2,174	2,185	2,316	2,447	2,707	43.2	50.1
Commercial.....	1,139	1,313	1,572	1,624	1,629	1,803	1,901	2,032	35.4	37.6
Industrial.....	560	631	631	597	573	587	637	665	17.4	12.3
Other.....	126	117	131	131	127	NA	NA	NA	3.9	NA
All Sectors.....	3,215	3,700	4,431	4,526	4,514	4,706	4,985	5,404	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	9.04	9.09	8.44	8.30	8.27	8.35	8.46	8.86	NA	NA
Commercial.....	8.29	8.06	7.34	7.37	7.28	7.09	7.28	7.40	NA	NA
Industrial.....	5.58	5.26	5.27	5.24	5.20	5.37	5.35	5.85	NA	NA
Other.....	5.41	5.15	4.53	4.93	4.56	NA	NA	NA	NA	NA
All Sectors.....	7.75	7.62	7.25	7.27	7.21	7.34	7.45	7.79	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	5	28	3	9	NA	NA	NA	45
Number of Retail Customers	1,587,495	966,789	18,391	163,704	NA	NA	NA	2,736,379
Retail Sales (thousand megawatthours)	38,510	26,973	1,378	2,529	NA	NA	NA	69,391
Percentage of Retail Sales	55.50	38.87	1.99	3.65	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	3,106	2,027	47	225	NA	NA	NA	5,404
Percentage of Revenue	57.47	37.50	0.86	4.17	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	8.07	7.51	3.38	8.91	NA	NA	NA	7.79

Arizona

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Arkansas		
NERC Region(s).....		SERC/SPP
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	14,059	26
Electric Utilities.....	9,866	25
Independent Power Producers & Combined Heat and Power.....	4,193	22
Net Generation (megawatthours).....	47,794,508	29
Electric Utilities.....	40,545,220	26
Independent Power Producers & Combined Heat and Power.....	7,249,290	32
Emissions (thousand metric tons)		
Sulfur Dioxide	97	26
Nitrogen Oxide	44	33
Carbon Dioxide.....	26,360	33
Sulfur Dioxide (lbs/MWh)	4.5	22
Nitrogen Oxide (lbs/MWh)	2.0	31
Carbon Dioxide (lbs/MWh).....	1,216	36
Total Retail Sales (megawatthours).....	46,164,923	29
Full Service Provider Sales (megawatthours)	46,164,923	27
Direct Use (megawatthours)	2,066,336	17
Average Retail Price (cents/kWh).....	6.30	41

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Arkansas			
1. Union Power Partners LP	Gas	Union Power Partners LP	2,020
2. Arkansas Nuclear One	Nuclear	Entergy Arkansas Inc	1,834
3. Independence.....	Coal	Entergy Arkansas Inc	1,678
4. White Bluff	Coal	Entergy Arkansas Inc	1,635
5. Robert E Ritchie	Gas	Entergy Arkansas Inc	863
6. Lake Catherine.....	Gas	Entergy Arkansas Inc	751
7. KGen Hot Spring Generating Facility	Gas	Cinergy Solutions O&M LLC	652
9. Flint Creek	Coal	Southwestern Electric Power Co	480
10. Hot Spring Power Project.....	Gas	Hot Spring Power Co LLC	433

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Entergy Arkansas Inc.....	Investor-Owned	21,004,868	7,653,243	6,017,984	7,333,641	0
2. Southwestern Electric Power Co.....	Investor-Owned	4,218,428	1,126,814	1,350,839	1,740,775	0
3. Mississippi County Electric Coop.....	Cooperative	3,280,144	59,821	17,882	3,202,441	0
4. Oklahoma Gas & Electric Co.....	Investor-Owned	2,745,056	699,835	860,281	1,184,940	0
5. First Electric Coop Corp.....	Cooperative	1,620,426	1,062,754	160,892	396,780	0
Total Sales, Top Five Providers.....		32,868,922	10,602,467	8,407,878	13,858,577	0
Percent of Total State Sales.....		71	62	74	78	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Arkansas										
Electric Utilities.....	9,641	9,639	9,330	9,615	9,551	9,777	9,772	9,866	96.7	70.2
Coal.....	3,817	3,817	3,680	3,741	3,757	3,745	3,745	3,793	38.3	27.0
Petroleum.....	202	206	29	29	25	25	25	23	2.0	0.2
Natural Gas.....	2,638	2,596	2,504	2,645	2,578	2,752	2,750	2,801	26.5	19.9
Nuclear.....	1,694	1,694	1,695	1,782	1,776	1,840	1,837	1,834	17.0	13.0
Hydroelectric.....	1,262	1,298	1,394	1,391	1,387	1,387	1,387	1,387	12.7	9.9
Pumped Storage.....	28	28	28	28	28	28	28	28	0.3	0.2
Independent Power Producers and Combined Heat and Power.....	326	432	392	505	1,750	3,772	3,766	4,193	3.3	29.8
Petroleum.....	1	4	-	-	-	-	-	-	*	-
Natural Gas.....	89	91	43	234	1,448	3,468	3,468	3,895	0.9	27.7
Hydroelectric.....	-	1	1	1	1	1	1	1	-	*
Other Renewables.....	236	335	348	270	301	303	297	297	2.4	2.1
Total Electric Industry.....	9,967	10,071	9,722	10,120	11,300	13,549	13,538	14,059	100.0	100.0
Coal.....	3,817	3,817	3,680	3,741	3,757	3,745	3,745	3,793	38.3	27.0
Petroleum.....	204	210	29	29	25	25	25	23	2.0	0.2
Natural Gas.....	2,727	2,687	2,547	2,878	4,026	6,220	6,218	6,696	27.4	47.6
Nuclear.....	1,694	1,694	1,695	1,782	1,776	1,840	1,837	1,834	17.0	13.0
Hydroelectric.....	1,262	1,299	1,395	1,392	1,388	1,388	1,388	1,388	12.7	9.9
Other Renewables.....	236	335	348	270	301	303	297	297	2.4	2.1
Pumped Storage.....	28	28	28	28	28	28	28	28	0.3	0.2

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Arkansas										
Electric Utilities.....	37,053,436	39,526,825	41,486,451	44,728,133	42,873,364	41,636,514	45,055,455	40,545,220	94.8	84.8
Coal.....	19,160,989	21,506,397	24,073,573	24,678,344	22,986,650	23,422,401	25,248,810	22,940,659	49.0	48.0
Petroleum.....	73,856	53,208	206,991	846,105	136,134	263,982	476,133	162,961	0.2	0.3
Natural Gas.....	2,838,913	3,091,957	3,183,788	1,874,675	1,755,867	597,283	208,148	645,578	7.3	1.4
Nuclear.....	11,282,053	11,657,549	11,651,772	14,780,789	14,558,884	14,689,416	15,449,851	13,689,571	28.9	28.6
Hydroelectric.....	3,654,653	3,217,714	2,370,327	2,548,220	3,435,829	2,653,347	3,647,768	3,085,749	9.3	6.5
Pumped Storage.....	42,972	-	-	-	-	10,085	24,745	20,702	0.1	*
Independent Power Producers and Combined Heat and Power.....	2,046,162	2,445,263	2,389,315	2,463,902	4,738,281	8,764,588	6,872,178	7,249,288	5.2	15.2
Coal.....	46,946	49,039	94,126	86,127	111,720	81,765	106,722	96,480	0.1	0.2
Petroleum.....	6,123	14,446	14,737	33,288	23,572	24,924	53,683	43,714	*	0.1
Natural Gas.....	739,660	817,393	678,721	832,225	2,847,091	6,703,577	4,844,084	5,362,347	1.9	11.2
Hydroelectric.....	-	-	156	30	-	1,271	-4,329	-3,233	-	*
Other Renewables.....	1,253,433	1,560,734	1,594,036	1,511,997	1,585,266	1,843,889	1,758,503	1,734,690	3.2	3.6
Other.....	-	3,651	7,539	235	170,631	109,161	113,513	15,292	-	*
Total Electric Industry.....	39,099,598	41,972,088	43,875,766	47,192,035	47,611,645	50,401,102	51,927,633	47,794,508	100.0	100.0
Coal.....	19,207,935	21,555,436	24,167,699	24,764,471	23,098,370	23,504,166	25,355,532	23,037,139	49.1	48.2
Petroleum.....	79,979	67,654	221,728	879,393	159,706	288,906	529,816	206,675	0.2	0.4
Natural Gas.....	3,578,573	3,909,350	3,862,509	2,706,900	4,602,958	7,300,860	5,052,232	6,007,925	9.2	12.6
Nuclear.....	11,282,053	11,657,549	11,651,772	14,780,789	14,558,884	14,689,416	15,449,851	13,689,571	28.9	28.6
Hydroelectric.....	3,654,653	3,217,714	2,370,483	2,548,250	3,435,829	2,654,618	3,643,439	3,082,516	9.3	6.4
Other Renewables.....	1,253,433	1,560,734	1,594,036	1,511,997	1,585,266	1,843,889	1,758,503	1,734,690	3.2	3.6
Pumped Storage.....	42,972	-	-	-	-	10,085	24,745	20,702	0.1	*
Other.....	-	3,651	7,539	235	170,631	109,161	113,513	15,292	-	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Arkansas								
Coal (cents per million Btu)	161.1	161.1	142.1	87.5	83.6	119.5	122.6	146.2
Average heat value (Btu per pound)	8,740	8,687	8,681	8,715	8,685	8,758	8,761	8,745
Average sulfur Content (percent)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Petroleum (cents per million Btu)	470.4	417.5	465.7	626.4	550.0	645.5	726.0	1,001.1
Average heat value (Btu per gallon)	138,864	137,714	140,488	150,952	140,726	140,479	140,321	140,450
Average sulfur Content (percent)	0.3	0.2	0.5	0.5	0.4	0.4	0.5	0.5
Natural Gas (cents per million Btu)	154.1	169.7	437.5	429.0	351.4	423.4	602.0	834.0
Average heat value (Btu per cubic foot)	1,018	1,023	1,020	1,030	1,020	1,033	1,029	1,031

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Arkansas								
Sulfur Dioxide								
Coal.....	67	70	69	68	64	65	71	60
Petroleum.....	*	*	2	4	1	2	3	1
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	11	12	13	12	12	13	13	36
Total.....	77	82	84	84	77	79	87	97
Nitrogen Oxide								
Coal.....	99	100	41	41	37	37	37	32
Petroleum.....	*	*	*	1	*	*	1	*
Natural Gas.....	7	8	10	4	4	6	2	2
Other.....	3	4	3	4	4	5	5	10
Total.....	109	111	54	50	45	49	44	44
Carbon Dioxide								
Coal.....	20,007 ^R	22,112 ^R	24,968 ^R	25,434	23,892	23,564	25,182	23,016
Petroleum.....	80 ^R	96 ^R	231 ^R	743	207	263	554	274
Natural Gas.....	2,963 ^R	3,210 ^R	3,416 ^R	1,854	2,844	3,415	2,649	3,026
Other Renewables.....	16 ^R	64 ^R	* ^R	*	-	-	2	44
Total.....	23,066 ^R	25,481 ^R	28,615 ^R	28,032	26,943	27,242	28,388	26,360

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Arkansas										
Retail Sales (thousand megawatthours)										
Residential.....	10,558	12,417	14,871	15,104	15,527	15,598	15,619	17,134	38.6	37.1
Commercial.....	6,075	7,147	8,746	9,153	9,304	10,568	10,731	11,366	22.2	24.6
Industrial.....	10,126	14,483	17,268	16,734	16,887	16,942	17,322	17,665	37.0	38.3
Other.....	606	625	726	741	731	NA	NA	NA	2.2	NA
All Sectors.....	27,365	34,671	41,611	41,732	42,450	43,108	43,672	46,165	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	852	991	1,109	1,165	1,126	1,130	1,150	1,371	46.5	47.1
Commercial.....	422	488	519	567	528	585	605	703	23.0	24.1
Industrial.....	516	653	726	741	678	685	720	837	28.2	28.8
Other.....	43	42	46	51	48	NA	NA	NA	2.3	NA
All Sectors.....	1,833	2,174	2,399	2,524	2,380	2,399	2,475	2,910	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	8.07	7.98	7.45	7.72	7.25	7.24	7.36	8.00	NA	NA
Commercial.....	6.95	6.83	5.93	6.19	5.68	5.54	5.64	6.18	NA	NA
Industrial.....	5.10	4.51	4.20	4.43	4.01	4.04	4.16	4.74	NA	NA
Other.....	7.08	6.65	6.39	6.91	6.52	NA	NA	NA	NA	NA
All Sectors.....	6.70	6.27	5.77	6.05	5.61	5.57	5.67	6.30	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	4	15	NA	17	1	NA	NA	37
Number of Retail Customers	849,205	168,990	NA	441,705	1	NA	NA	1,459,901
Retail Sales (thousand megawatthours)	28,119	5,897	NA	12,039	110	NA	NA	46,165
Percentage of Retail Sales	60.91	12.77	NA	26.08	0.24	NA	NA	100.00
Revenue from Retail Sales (million dollars)	1,751	341	NA	815	4	NA	NA	2,910
Percentage of Revenue	60.16	11.70	NA	27.99	0.15	NA	NA	100.00
Average Retail Price (cents/kWh)	6.23	5.77	NA	6.77	3.95	NA	NA	6.30

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
California		
NERC Region(s).....		WECC
Primary Energy Source.....		Gas
Net Summer Capability (megawatts).....	61,707	2
Electric Utilities.....	25,211	4
Independent Power Producers & Combined Heat and Power.....	36,497	4
Net Generation (megawatthours).....	200,292,819	4
Electric Utilities.....	89,348,213	12
Independent Power Producers & Combined Heat and Power.....	110,944,605	4
Emissions (thousand metric tons)		
Sulfur Dioxide	26	39
Nitrogen Oxide	86	16
Carbon Dioxide.....	54,680	17
Sulfur Dioxide (lbs/MWh)	0.3	48
Nitrogen Oxide (lbs/MWh)	0.9	45
Carbon Dioxide (lbs/MWh).....	602	47
Total Retail Sales (megawatthours).....	254,249,507	2
Full Service Provider Sales (megawatthours)	230,843,182	2
Deregulated Sales (megawatthours)	23,406,325	4
Direct Use (megawatthours)	11,009,718	3
Average Retail Price (cents/kWh).....	11.63	8

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
California			
1. Moss Landing Power Plant.....	Gas	Duke Energy North America LLC	2,498
2. Diablo Canyon.....	Nuclear	Pacific Gas & Electric Co	2,174
3. San Onofre.....	Nuclear	Southern California Edison Co	2,150
4. AES Alamos LLC	Gas	AES Alamos LLC	1,997
5. Haynes	Gas	Los Angeles City of	1,581
6. Ormond Beach	Gas	Reliant Energy Ormond Bch LLC	1,516
7. Castaic	Pumped Storage	Los Angeles City of	1,495
8. Pittsburg Power.....	Gas	Mirant Delta LLC	1,311
9. AES Redondo Beach LLC.....	Gas	AES Redondo Beach LLC	1,310
10. Helms Pumped Storage	Pumped Storage	Pacific Gas & Electric Co	1,212

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Southern California Edison Co.....	Investor-Owned	75,301,581	28,711,485	37,973,239	8,554,408	62,449
2. Pacific Gas & Electric Co.....	Investor-Owned	72,727,705	29,683,580	33,377,593	9,665,030	1,502
3. Los Angeles City of.....	Public	23,400,472	7,105,500	13,715,323	2,427,836	151,813
4. San Diego Gas & Electric Co.....	Investor-Owned	16,001,482	7,075,368	6,671,071	2,159,043	96,000
5. Sacramento Municipal Util Dist.....	Public	10,483,042	4,538,773	690,066	5,220,597	33,606
Total Sales, Top Five Providers		197,914,282	77,114,706	92,427,292	28,026,914	345,370
Percent of Total State Sales.....		78	90	79	56	41

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
California										
Electric Utilities.....	43,681	43,302	24,319	24,405	24,609	23,223	23,867	25,211	82.1	40.9
Petroleum.....	688	700	526	524	296	297	297	297	1.3	0.5
Natural Gas.....	23,927	23,032	5,670	5,733	5,954	5,042	5,567	6,809	45.0	11.0
Nuclear.....	4,746	4,310	4,310	4,324	4,324	4,324	4,324	4,324	8.9	7.0
Hydroelectric.....	9,199	9,807	9,835	9,848	10,040	9,716	9,840	9,852	17.3	16.0
Other Renewables.....	1,595	1,723	248	247	265	156	150	240	3.0	0.4
Pumped Storage.....	3,526	3,730	3,730	3,730	3,730	3,688	3,688	3,688	6.6	6.0
Independent Power Producers and Combined Heat and Power	9,534	10,187	27,989	30,077	32,054	34,628	34,440	36,497	17.9	59.1
Coal.....	432	420	407	363	352	358	389	389	0.8	0.6
Petroleum.....	168	174	460	558	541	527	541	543	0.3	0.9
Natural Gas.....	4,260	4,746	21,015	23,712	25,758	28,248	27,871	29,891	8.0	48.4
Other Gases.....	107	176	395	281	226	225	235	191	0.2	0.3
Hydroelectric.....	568	638	476	483	323	232	238	236	1.1	0.4
Other Renewables.....	3,999	4,024	5,232	4,681	4,837	5,022	5,158	5,240	7.5	8.5
Other.....	-	9	4	-	17	17	8	8	-	*
Total Electric Industry.....	53,215	53,489	52,308	54,482	56,663	57,850	58,306	61,707	100.0	100.0
Coal.....	432	420	407	363	352	358	389	389	0.8	0.6
Petroleum.....	856	874	986	1,082	837	824	838	840	1.6	1.4
Natural Gas.....	28,187	27,778	26,685	29,444	31,712	33,290	33,438	36,700	53.0	59.5
Other Gases.....	107	176	395	281	226	225	235	191	0.2	0.3
Nuclear.....	4,746	4,310	4,310	4,324	4,324	4,324	4,324	4,324	8.9	7.0
Hydroelectric.....	9,767	10,446	10,311	10,331	10,364	9,947	10,078	10,088	18.4	16.3
Other Renewables.....	5,594	5,746	5,480	4,928	5,102	5,177	5,308	5,479	10.5	8.9
Pumped Storage.....	3,526	3,730	3,730	3,730	3,730	3,688	3,688	3,688	6.6	6.0
Other.....	-	9	4	-	17	17	8	8	-	*

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
California										
Electric Utilities.....	114,528,000	121,881,402	85,856,285	70,132,656	74,588,271	81,728,209	75,177,122	89,348,213	69.1	44.6
Petroleum.....	4,385,235	488,530	144,590	316,691	43,933	50,996	51,482	57,974	2.6	*
Natural Gas.....	45,221,848	39,089,723	12,411,961	11,918,703	8,808,012	9,873,371	10,759,580	12,982,348	27.3	6.5
Nuclear.....	32,692,807	30,245,936	35,175,505	33,219,520	34,352,340	35,593,789	30,267,887	36,154,898	19.7	18.1
Hydroelectric.....	22,808,272	44,928,985	37,041,641	24,817,842	30,236,644	35,782,738	33,608,686	38,826,653	13.8	19.4
Other Renewables.....	8,433,586	4,621,563	144,648	209,589	1,333,863	1,339,627	1,306,318	1,206,547	5.1	0.6
Pumped Storage.....	986,252	2,506,665	937,940	-349,689	-240,997	-912,313	-816,831	119,793	0.6	0.1
Other.....	-	-	-	-	54,476	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	51,256,909	59,581,939	122,226,198	128,463,419	109,621,760	111,060,333	119,603,232	110,944,606	30.9	55.4
Coal.....	2,637,677	2,786,844	2,363,607	2,232,851	2,327,809	2,326,305	2,244,355	2,145,020	1.6	1.1
Petroleum.....	1,088,617	1,802,598	2,695,204	2,738,202	1,917,132	2,341,253	2,214,436	2,518,349	0.7	1.3
Natural Gas.....	28,946,460	33,489,170	90,807,012	100,013,568	80,816,032	81,558,809	89,695,842	80,579,692	17.5	40.2
Other Gases.....	2,146,742	2,594,985	2,687,177	1,130,499	1,240,053	1,759,015	1,862,250	2,034,949	1.3	1.0
Hydroelectric.....	984,295	3,104,145	1,292,145	723,934	903,984	587,965	532,243	805,213	0.6	0.4
Other Renewables.....	15,453,118	15,788,401	22,359,013	21,420,027	22,073,117	22,205,492	22,635,780	22,441,865	9.3	11.2
Other.....	-	15,796	22,040	204,338	343,632	281,495	418,327	419,517	-	0.2
Total Electric Industry.....	165,784,909	181,463,341	208,082,483	198,596,075	184,210,031	192,788,542	194,780,354	200,292,819	100.0	100.0
Coal.....	2,637,677	2,786,844	2,363,607	2,232,851	2,327,809	2,326,305	2,244,355	2,145,020	1.6	1.1
Petroleum.....	5,473,852	2,291,128	2,839,794	3,054,893	1,961,065	2,392,249	2,265,918	2,576,323	3.3	1.3
Natural Gas.....	74,168,308	72,578,893	103,218,973	111,932,271	89,624,044	91,432,180	100,455,422	93,562,040	44.7	46.7
Other Gases.....	2,146,742	2,594,985	2,687,177	1,130,499	1,240,053	1,759,015	1,862,250	2,034,949	1.3	1.0
Nuclear.....	32,692,807	30,245,936	35,175,505	33,219,520	34,352,340	35,593,789	30,267,887	36,154,898	19.7	18.1
Hydroelectric.....	23,792,567	48,033,130	38,333,786	25,541,776	31,140,628	36,370,703	34,140,929	39,631,866	14.4	19.8
Other Renewables.....	23,886,704	20,409,964	22,503,661	21,629,616	23,406,980	23,545,119	23,942,098	23,648,412	14.4	11.8
Pumped Storage.....	986,252	2,506,665	937,940	-349,689	-240,997	-912,313	-816,831	119,793	0.6	0.1
Other.....	-	15,796	22,040	204,338	398,108	281,495	418,327	419,517	-	0.2

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
California								
Coal (cents per million Btu)	-	-	-	-	180.2	172.7	188.1	W
Average heat value (Btu per pound)	-	-	-	-	11,854	11,943	12,205	12,027
Average sulfur Content (percent)	-	-	-	-	0.5	0.7	0.8	0.8
Petroleum (cents per million Btu)	435.8	-	619.4	600.9	114.4	266.5	297.6	429.2
Average heat value (Btu per gallon)	146,026	-	140,000	131,667	137,952	124,229	134,633	129,557
Average sulfur Content (percent)	0.3	-	-	1.0	1.9	0.9	1.2	0.9
Natural Gas (cents per million Btu)	303.1	222.4	581.2	928.6	372.1	536.7	589.4	785.9
Average heat value (Btu per cubic foot)	1,033	1,027	1,012	1,020	1,019	1,026	1,027	1,025

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
California								
Sulfur Dioxide								
Coal.....	32	28	15	5	2	3	2	3
Petroleum.....	46	42	26	34	66	13	18	21
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	3	2	2	2	2	2	2	2
Total.....	82	72	43	41	70	17	22	26
Nitrogen Oxide								
Coal.....	16	16	14	5	3	3	3	3
Petroleum.....	9	7	6	11	9	6	4	5
Natural Gas.....	91	71	60	72	61	77	70	57
Other.....	12	10	11	19	16	20	20	21
Total.....	128	103	91	107	90	106	98	86
Carbon Dioxide								
Coal.....	3,811 ^R	4,219 ^R	3,858 ^R	3,791	3,986	3,847	3,905	3,698
Petroleum.....	5,014 ^R	2,970 ^R	3,595 ^R	3,889	3,019	3,076	2,962	3,292
Natural Gas.....	42,679 ^R	42,036 ^R	59,281 ^R	62,934	51,021	48,365	52,271	47,034
Geothermal.....	357 ^R	281 ^R	313 ^R	310	333	330	333	331
Other Renewables.....	477 ^R	469 ^R	365 ^R	334	1,311	366	348	325
Total.....	52,338 ^R	49,976 ^R	67,411 ^R	71,258	59,669	55,983	59,820	54,680

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
California										
Retail Sales (thousand megawatthours)										
Residential.....	66,575	68,783	79,241	76,668	77,202	82,926	83,361	85,610	31.5	33.7
Commercial.....	79,691	80,874	92,697	96,459	102,587	109,578	118,953	117,551	37.8	46.2
Industrial.....	55,892	57,367	64,311	63,041	48,448	49,909	48,812	50,242	26.5	19.8
Other.....	8,935	5,580	7,808	11,591	6,976	NA	NA	NA	4.2	NA
Transportation.....	NA	NA	NA	NA	NA	809	900	846	NA	0.3
All Sectors.....	211,093	212,605	244,057	247,759	235,213	243,221	252,026	254,250	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	6,646	7,983	8,629	9,269	9,759	10,142	10,168	10,708	35.6	36.2
Commercial.....	7,541	8,485	9,502	11,716	13,710	13,672	13,846	14,007	40.4	47.4
Industrial.....	4,071	4,226	4,594	5,819	4,752	4,787	4,526	4,797	21.8	16.2
Other.....	404	376	380	983	460	NA	NA	NA	2.2	NA
Transportation.....	NA	NA	NA	NA	NA	47	58	55	NA	0.2
All Sectors.....	18,664	21,070	23,105	27,787	28,680	28,648	28,598	29,567	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	9.98	11.61	10.89	12.09	12.64	12.23	12.20	12.51	NA	NA
Commercial.....	9.46	10.49	10.25	12.15	13.36	12.48	11.64	11.92	NA	NA
Industrial.....	7.28	7.37	7.14	9.23	9.81	9.59	9.27	9.55	NA	NA
Other.....	4.53	6.73	4.87	8.48	6.60	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	5.80	6.42	6.55	NA	NA
All Sectors.....	8.84	9.91	9.47	11.22	12.19	11.78	11.35	11.63	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	6	35	1	4	13	12	4	75
Number of Retail Customers	11,107,300	3,104,830	94	15,491	13	53,107	NA	14,280,835
Retail Sales (thousand megawatthours)	165,534	59,567	3,201	279	2,262	23,406	NA	254,250
Percentage of Retail Sales	65.11	23.43	1.26	0.11	0.89	9.21	NA	100.00
Revenue from Retail Sales (million dollars)	21,008	5,748	65	26	188	1,579	953	29,567
Percentage of Revenue	71.05	19.44	0.22	0.09	0.64	5.34	3.22	100.00
Average Retail Price (cents/kWh)	12.69	9.65	2.02	9.27	8.33	6.75	4.07	11.63

California

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Colorado		
NERC Region(s).....		WECC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	11,086	32
Electric Utilities.....	8,024	28
Independent Power Producers & Combined Heat and Power.....	3,063	30
Net Generation (megawatthours).....	49,616,695	27
Electric Utilities.....	41,014,609	25
Independent Power Producers & Combined Heat and Power.....	8,602,086	28
Emissions (thousand metric tons)		
Sulfur Dioxide	58	32
Nitrogen Oxide	67	27
Carbon Dioxide.....	40,841	24
Sulfur Dioxide (lbs/MWh)	2.6	38
Nitrogen Oxide (lbs/MWh)	3.0	19
Carbon Dioxide (lbs/MWh).....	1,815	14
Total Retail Sales (megawatthours)	48,353,236	27
Full Service Provider Sales (megawatthours)	48,353,236	26
Direct Use (megawatthours)	80,608	44
Average Retail Price (cents/kWh).....	7.64	21

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Colorado			
1. Craig	Coal	Tri-State G & T Assn Inc	1,264
2. Cherokee	Coal	Public Service Co of Colorado	723
3. Fort St Vrain	Gas	Public Service Co of Colorado	690
4. Comanche	Coal	Public Service Co of Colorado	660
5. Rocky Mountain Energy Center	Gas	Rocky Mountain Energy Ctr LLC	608
6. Rawhide	Coal	Platte River Power Authority	534
7. Pawnee	Coal	Public Service Co of Colorado	505
8. Front Range Power Project.....	Gas	Colorado Springs City of	462
9. Hayden.....	Coal	Public Service Co of Colorado	446
10. Cabin Creek	Pumped Storage	Public Service Co of Colorado	324

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Public Service Co of Colorado	Investor-Owned	26,480,805	8,389,592	12,781,849	5,289,977	19,387
2. Colorado Springs City of	Public	4,479,100	1,357,812	1,980,969	1,140,319	0
3. Intermountain Rural Elec Assn	Cooperative	1,929,108	1,242,168	531,022	155,918	0
4. Aquila Inc	Investor-Owned	1,824,350	570,552	693,242	560,556	0
5. Fort Collins City of	Public	1,392,935	453,822	474,835	464,278	0
Total Sales, Top Five Providers		36,106,298	12,013,946	16,461,917	7,611,048	19,387
Percent of Total State Sales		75	73	83	63	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	6,633	6,647	7,269	7,479	7,603	7,883	7,954	8,024	95.9	72.4
Coal.....	4,945	4,954	4,981	4,981	4,891	4,891	4,891	4,888	71.5	44.1
Petroleum.....	144	144	181	178	193	193	207	181	2.1	1.6
Natural Gas.....	470	436	917	1,142	1,333	1,612	1,662	1,752	6.8	15.8
Hydroelectric.....	542	582	614	600	600	601	601	610	7.8	5.5
Other Renewables.....	-	-	15	16	24	24	30	31	-	0.3
Pumped Storage.....	533	533	563	563	563	563	563	563	7.7	5.1
Independent Power Producers and Combined Heat and Power	281	632	1,124	1,431	1,833	2,487	3,131	3,063	4.1	27.6
Coal.....	33	33	33	40	40	40	40	40	0.5	0.4
Petroleum.....	3	3	3	2	2	2	2	2	*	*
Natural Gas.....	212	562	1,047	1,300	1,724	2,221	2,840	2,771	3.1	25.0
Hydroelectric.....	29	30	30	43	43	38	42	42	0.4	0.4
Other Renewables.....	5	5	11	46	23	185	207	207	0.1	1.9
Total Electric Industry.....	6,914	7,280	8,393	8,910	9,435	10,370	11,085	11,086	100.0	100.0
Coal.....	4,977	4,986	5,014	5,021	4,931	4,931	4,931	4,928	72.0	44.4
Petroleum.....	147	147	184	181	195	195	210	183	2.1	1.7
Natural Gas.....	682	998	1,964	2,442	3,057	3,833	4,502	4,523	9.9	40.8
Hydroelectric.....	571	612	644	642	643	639	643	652	8.3	5.9
Other Renewables.....	5	5	26	62	47	209	237	238	0.1	2.1
Pumped Storage.....	533	533	563	563	563	563	563	563	7.7	5.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Colorado										
Electric Utilities.....	31,312,872	32,673,972	40,108,260	41,957,723	41,509,933	41,226,252	40,436,218	41,014,609	96.2	82.7
Coal.....	29,602,738	30,276,010	35,101,982	35,654,162	35,135,198	35,807,527	35,570,358	35,285,966	91.0	71.1
Petroleum.....	25,129	10,136	91,320	158,742	22,519	33,927	11,797	15,464	0.1	*
Natural Gas.....	409,078	286,971	3,539,837	4,884,010	5,321,770	4,369,743	3,899,293	4,490,864	1.3	9.1
Other Gases.....	-	-	-	-	2,884	4,001	1,753	2,430	-	*
Hydroelectric.....	1,308,961	2,008,902	1,329,946	1,472,627	1,187,839	1,156,217	1,076,897	1,283,074	4.0	2.6
Other Renewables.....	164	-	-	38,764	59,987	58,477	67,921	58,874	*	0.1
Pumped Storage.....	-33,198	91,953	45,175	-250,582	-220,264	-203,640	-191,801	-122,063	-0.1	-0.2
Independent Power Producers and Combined Heat and Power.....	1,235,255	2,943,262	4,057,286	4,918,279	4,090,455	5,390,534	7,433,275	8,602,086	3.8	17.3
Coal.....	212,245	216,672	279,237	296,866	253,053	308,096	278,103	284,169	0.7	0.6
Petroleum.....	2,261	1,576	18,065	17,487	661	67	1,911	1,582	*	*
Natural Gas.....	881,014	2,569,817	3,617,601	4,507,777	3,706,720	4,856,291	6,848,293	7,432,426	2.7	15.0
Hydroelectric.....	110,909	122,287	124,469	22,070	21,168	105,980	117,768	132,222	0.3	0.3
Other Renewables.....	28,826	32,910	17,914	74,079	108,853	120,102	187,200	751,687	0.1	1.5
Total Electric Industry.....	32,548,127	35,617,234	44,165,546	46,876,002	45,600,388	46,616,786	47,869,493	49,616,695	100.0	100.0
Coal.....	29,814,983	30,492,682	35,381,219	35,951,028	35,388,251	36,115,623	35,848,461	35,570,135	91.6	71.7
Petroleum.....	27,390	11,712	109,385	176,229	23,180	33,994	13,708	17,046	0.1	*
Natural Gas.....	1,290,092	2,856,788	7,157,438	9,391,787	9,028,490	9,226,034	10,747,586	11,923,290	4.0	24.0
Other Gases.....	-	-	-	-	2,884	4,001	1,753	2,430	-	*
Hydroelectric.....	1,419,870	2,131,189	1,454,415	1,494,697	1,209,007	1,262,197	1,194,665	1,415,296	4.4	2.9
Other Renewables.....	28,990	32,910	17,914	112,843	168,840	178,579	255,121	810,561	0.1	1.6
Pumped Storage.....	-33,198	91,953	45,175	-250,582	-220,264	-203,640	-191,801	-122,063	-0.1	-0.2

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Colorado								
Coal (cents per million Btu)	106.1	104.8	92.6	92.2	95.1	96.6	97.2	105.7
Average heat value (Btu per pound)	9,808	9,895	9,797	9,780	9,767	9,793	9,824	9,876
Average sulfur Content (percent)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Petroleum (cents per million Btu)	534.5	477.2	693.7	721.4	704.6	W	1,129.3	1,767.9
Average heat value (Btu per gallon)	137,005	137,957	135,945	138,810	127,436	123,940	126,438	117,200
Average sulfur Content (percent)	0.3	0.1	0.3	0.2	*	*	0.1	*
Natural Gas (cents per million Btu)	217.3	173.0	403.1	375.4	246.3	429.9	553.7	723.8
Average heat value (Btu per cubic foot)	988	1,008	1,021	1,040	1,025	1,027	1,021	1,024

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Colorado								
Sulfur Dioxide								
Coal.....	93	99	83	85	83	70	59	58
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	*	*	-	-	-	-	-	-
Total.....	93	99	83	85	83	70	59	58
Nitrogen Oxide								
Coal.....	144	132	66	65	66	66	61	63
Petroleum.....	*	*	*	1	*	*	*	*
Natural Gas.....	2	3	4	6	6	6	4	4
Other.....	*	*	*	1	*	*	1	*
Total.....	146	136	71	73	72	72	67	67
Carbon Dioxide								
Coal.....	30,168 ^R	30,830 ^R	35,500 ^R	36,455	36,293	35,998	35,692	35,472
Petroleum.....	23 ^R	18 ^R	157 ^R	216	26	32	16	21
Natural Gas.....	874 ^R	1,587 ^R	3,877 ^R	5,115	4,666	4,573	4,905	5,348
Other Renewables.....	1 ^R	-	-	-	-	-	-	-
Total.....	31,066 ^R	32,435 ^R	39,535 ^R	41,786	40,985	40,603	40,613	40,841

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Colorado										
Retail Sales (thousand megawatthours)										
Residential.....	9,787	11,307	14,029	14,470	15,425	15,725	15,532	16,436	31.8	34.0
Commercial.....	13,553	13,420	17,989	17,890	18,438	19,657	19,498	19,846	44.0	41.0
Industrial.....	6,587	9,706	9,955	10,918	10,672	11,076	11,675	12,052	21.4	24.9
Other.....	867	884	1,047	958	1,401	NA	NA	NA	2.8	NA
Transportation.....	NA	NA	NA	NA	NA	37	19	19	NA	*
All Sectors.....	30,795	35,317	43,020	44,236	45,937	46,495	46,724	48,353	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	687	839	1,025	1,080	1,137	1,280	1,307	1,490	37.9	40.3
Commercial.....	768	815	998	1,014	1,045	1,298	1,343	1,512	42.3	40.9
Industrial.....	296	438	423	489	483	565	596	691	16.3	18.7
Other.....	63	70	81	80	93	NA	NA	NA	3.5	NA
Transportation.....	NA	NA	NA	NA	NA	3	1	1	NA	*
All Sectors.....	1,814	2,162	2,528	2,662	2,758	3,146	3,247	3,694	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.02	7.42	7.31	7.47	7.37	8.14	8.42	9.06	NA	NA
Commercial.....	5.67	6.07	5.55	5.67	5.67	6.60	6.89	7.62	NA	NA
Industrial.....	4.49	4.52	4.25	4.48	4.52	5.10	5.11	5.74	NA	NA
Other.....	7.28	7.87	7.77	8.36	6.64	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	7.32	5.81	5.01	NA	NA
All Sectors.....	5.89	6.12	5.88	6.02	6.00	6.77	6.95	7.64	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	2	29	1	28	2	NA	NA	62
Number of Retail Customers	1,386,693	406,073	16	557,137	2	NA	NA	2,349,921
Retail Sales (thousand megawatthours)	28,305	8,543	75	11,102	328	NA	NA	48,353
Percentage of Retail Sales	58.54	17.67	0.15	22.96	0.68	NA	NA	100.00
Revenue from Retail Sales (million dollars)	2,197	557	2	922	16	NA	NA	3,694
Percentage of Revenue	59.49	15.08	0.04	24.97	0.42	NA	NA	100.00
Average Retail Price (cents/kWh)	7.76	6.52	2.11	8.31	4.78	NA	NA	7.64

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Connecticut		
NERC Region(s).....		NPCC
Primary Energy Source.....		Nuclear
Net Summer Capability (megawatts).....	7,962	35
Electric Utilities.....	179	46
Independent Power Producers & Combined Heat and Power.....	7,784	14
Net Generation (megawatthours).....	33,549,748	38
Electric Utilities.....	399,878	46
Independent Power Producers & Combined Heat and Power.....	33,149,870	10
Emissions (thousand metric tons)		
Sulfur Dioxide	8	46
Nitrogen Oxide	11	47
Carbon Dioxide.....	11,542	40
Sulfur Dioxide (lbs/MWh)	0.5	47
Nitrogen Oxide (lbs/MWh)	0.7	47
Carbon Dioxide (lbs/MWh).....	758	45
Total Retail Sales (megawatthours).....	33,095,029	33
Full Service Provider Sales (megawatthours)	32,354,549	33
Deregulated Sales (megawatthours)	740,480	17
Direct Use (megawatthours)	225,040	39
Average Retail Price (cents/kWh).....	12.06	5

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Connecticut			
1. Millstone.....	Nuclear	Dominion Nuclear Conn Inc	2,037
2. Middletown.....	Petroleum	Middletown Power LLC	837
3. Lake Road Generating Plant.....	Gas	Lake Road Generating Co LP	729
4. Bridgeport Station.....	Coal	PSEG Power Connecticut LLC	515
5. Montville Station	Petroleum	NRG Montville Operations Inc	496
6. Milford Power Project	Gas	Milford Power Co LLC	493
7. Bridgeport Energy Project	Gas	Bridgeport Energy LLC	454
8. New Haven Harbor.....	Petroleum	PSEG Power Connecticut LLC	448
9. Devon Station	Petroleum	NRG Devon Operations Inc	354
10. NRG Norwalk Harbor	Petroleum	NRG Norwalk Harbor Ops Inc	342

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Connecticut Light & Power Co.....	Investor-Owned	24,125,638	10,423,723	10,073,269	3,438,862	189,784
2. United Illuminating Co.....	Investor-Owned	6,106,000	2,458,000	2,746,000	902,000	0
3. Wallingford Town of.....	Public	647,881	225,884	254,548	167,449	0
4. Groton Dept of Utilities.....	Public	600,378	116,258	136,775	347,345	0
5. City of Norwich.....	Public	354,973	133,108	165,873	55,992	0
Total Sales, Top Five Providers.....		31,834,870	13,356,973	13,376,465	4,911,648	189,784
Percent of Total State Sales.....		96	97	96	95	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Connecticut										
Electric Utilities.....	7,141	6,722	2,204	185	34	210	174	179	92.9	2.2
Coal.....	385	385	-	-	-	-	-	-	5.0	-
Petroleum.....	2,807	2,200	176	176	25	201	165	170	36.5	2.1
Natural Gas.....	528	742	-	-	-	-	-	-	6.9	-
Nuclear.....	3,217	3,194	2,017	-	-	-	-	-	41.8	-
Hydroelectric.....	108	131	10	9	9	9	9	9	1.4	0.1
Other Renewables.....	64	64	-	-	-	-	-	-	0.8	-
Pumped Storage.....	32	6	-	-	-	-	-	-	0.4	-
Independent Power Producers and Combined Heat and Power.....	546	675	4,243	7,709	7,365	7,363	7,755	7,784	7.1	97.8
Coal.....	200	200	548	555	553	553	553	555	2.6	7.0
Petroleum.....	10	24	2,298	2,425	2,748	2,732	2,696	2,819	0.1	35.4
Natural Gas.....	225	189	1,015	1,722	1,662	1,685	2,134	2,037	2.9	25.6
Nuclear.....	-	-	-	2,611	2,006	1,997	2,037	2,037	-	25.6
Hydroelectric.....	21	21	132	129	137	137	137	137	0.3	1.7
Other Renewables.....	90	241	244	260	254	254	192	192	1.2	2.4
Pumped Storage.....	-	-	7	7	4	4	4	4	-	0.1
Other.....	-	-	-	-	1	1	1	1	-	*
Total Electric Industry.....	7,687	7,397	6,447	7,894	7,400	7,573	7,929	7,962	100.0	100.0
Coal.....	585	585	548	555	553	553	553	555	7.6	7.0
Petroleum.....	2,817	2,224	2,474	2,600	2,773	2,933	2,862	2,989	36.6	37.5
Natural Gas.....	753	931	1,015	1,722	1,662	1,685	2,134	2,037	9.8	25.6
Nuclear.....	3,217	3,194	2,017	2,611	2,006	1,997	2,037	2,037	41.8	25.6
Hydroelectric.....	129	151	142	138	146	146	146	146	1.7	1.8
Other Renewables.....	154	305	244	260	254	254	192	192	2.0	2.4
Pumped Storage.....	32	6	7	7	4	4	4	4	0.4	0.1
Other.....	-	-	-	-	1	1	1	1	-	*

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Connecticut										
Electric Utilities.....	32,155,574	26,931,900	16,992,594	2,816,826	21,463	59,812	45,095	399,878	91.5	1.2
Coal.....	2,351,049	2,269,352	-	-	-	-	-	-	6.7	-
Petroleum.....	8,632,571	3,397,400	7,726	11,032	928	13,955	9,253	2,218	24.6	*
Natural Gas.....	471,836	1,819,535	-	-	-	-	-	-	1.3	-
Nuclear.....	19,776,250	18,748,900	16,365,334	2,629,741	-	-	-	-	56.3	-
Hydroelectric.....	495,848	305,401	146,980	29,065	20,535	45,857	35,842	397,660	1.4	1.2
Other Renewables.....	421,546	403,726	476,922	83,783	-	-	-	-	1.2	-
Pumped Storage.....	6,474	-12,414	-4,368	-	-	-	-	-	*	-
Other.....	-	-	-	63,205	-	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	2,991,673	4,540,568	15,974,976	27,673,820	31,289,757	29,485,238	32,588,311	33,149,870	8.5	98.8
Coal.....	1,243,596	1,588,203	3,186,096	3,735,782	3,227,202	4,200,297	4,256,431	3,996,492	3.5	11.9
Petroleum.....	241,895	182,063	6,671,306	5,161,903	2,336,957	2,048,713	1,728,466	3,153,830	0.7	9.4
Natural Gas.....	779,643	1,199,708	4,062,029	4,088,228	8,868,471	5,061,613	8,108,840	8,863,687	2.2	26.4
Other Gases.....	4	79	-	1,498	8,834	-	-	1,566	*	*
Nuclear.....	-	-	-	12,798,026	14,918,272	16,078,095	16,539,097	15,562,122	-	46.4
Hydroelectric.....	74,771	58,402	379,332	257,308	314,553	518,559	426,770	80,539	0.2	0.2
Other Renewables.....	651,764	1,512,113	1,676,213	825,141	821,346	785,861	757,819	753,335	1.9	2.2
Pumped Storage.....	-	-	-	-	-10,201	-18	7,715	-1,653	-	*
Other.....	-	-	-	805,934	804,322	792,118	763,174	739,952	-	2.2
Total Electric Industry.....	35,147,247	31,472,468	32,967,570	30,490,646	31,311,220	29,545,050	32,633,406	33,549,748	100.0	100.0
Coal.....	3,594,645	3,857,555	3,186,096	3,735,782	3,227,202	4,200,297	4,256,431	3,996,492	10.2	11.9
Petroleum.....	8,874,466	3,579,463	6,679,032	5,172,935	2,337,885	2,062,668	1,737,719	3,156,048	25.2	9.4
Natural Gas.....	1,251,479	3,019,243	4,062,029	4,088,228	8,868,471	5,061,613	8,108,840	8,863,687	3.6	26.4
Other Gases.....	4	79	-	1,498	8,834	-	-	1,566	*	*
Nuclear.....	19,776,250	18,748,900	16,365,334	15,427,767	14,918,272	16,078,095	16,539,097	15,562,122	56.3	46.4
Hydroelectric.....	570,619	363,803	526,312	286,373	335,088	564,416	462,612	478,199	1.6	1.4
Other Renewables.....	1,073,310	1,915,839	2,153,135	908,924	821,346	785,861	757,819	753,335	3.1	2.2
Pumped Storage.....	6,474	-12,414	-4,368	-	-10,201	-18	7,715	-1,653	*	*
Other.....	-	-	-	869,139	804,322	792,118	763,174	739,952	-	2.2

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Connecticut								
Coal (cents per million Btu)	212.9	188.1	-	-	W	W	W	W
Average heat value (Btu per pound)	13,233	13,110	-	-	11,439	10,565	10,423	10,139
Average sulfur Content (percent)	0.5	0.6	-	-	0.9	0.6	0.5	0.4
Petroleum (cents per million Btu)	301.5	264.0	-	-	422.4	542.0	568.0	836.4
Average heat value (Btu per gallon)	150,788	153,274	-	-	149,169	146,743	147,602	148,190
Average sulfur Content (percent)	0.9	0.7	-	-	0.4	0.4	0.3	0.3
Natural Gas (cents per million Btu)	270.2	197.9	-	-	392.0	W	W	922.0
Average heat value (Btu per cubic foot)	1,033	1,017	-	-	1,016	1,020	1,008	1,010

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Connecticut								
Sulfur Dioxide								
Coal.....	11	10	8	11	5	3	3	3
Petroleum.....	40	15	26	22	6	5	4	5
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	1	*	*	*	*	*	*	*
Total.....	52	25	34	33	12	8	7	8
Nitrogen Oxide								
Coal.....	14	13	3	3	2	2	2	2
Petroleum.....	13	4	7	6	2	2	2	3
Natural Gas.....	2	3	3	2	2	1	1	1
Other.....	2	3	3	4	4	4	4	4
Total.....	32	23	16	16	10	10	9	11
Carbon Dioxide								
Coal.....	3,520 ^R	3,705 ^R	3,332 ^R	3,677	3,152	3,925	4,138	3,954
Petroleum.....	7,308 ^R	3,208 ^R	5,800 ^R	4,304	1,977	1,871	1,668	2,870
Natural Gas.....	694 ^R	1,666 ^R	2,230 ^R	2,076	3,952	2,511	3,304	3,535
Other Renewables.....	458 ^R	1,061 ^R	1,170 ^R	1,247	1,210	1,230	1,188	1,182
Total.....	11,980 ^R	9,640 ^R	12,532 ^R	11,304	10,292	9,537	10,298	11,542

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Connecticut										
Retail Sales (thousand megawatthours)										
Residential.....	10,376	10,760	11,645	11,975	12,473	13,178	13,211	13,803	38.2	41.7
Commercial.....	10,342	10,926	11,932	12,442	12,614	13,094	13,455	13,949	38.0	42.1
Industrial.....	6,100	5,913	5,811	5,572	5,370	5,366	5,358	5,153	22.4	15.6
Other.....	369	370	564	552	548	NA	NA	NA	1.4	NA
Transportation.....	NA	NA	NA	NA	NA	192	190	190	NA	0.6
All Sectors.....	27,187	27,970	29,952	30,541	31,005	31,830	32,215	33,095	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	1,038	1,286	1,264	1,306	1,367	1,491	1,537	1,883	41.7	47.2
Commercial.....	943	1,129	1,106	1,152	1,176	1,300	1,332	1,608	37.9	40.3
Industrial.....	461	469	425	425	412	429	423	484	18.5	12.1
Other.....	47	53	57	55	57	NA	NA	NA	1.9	NA
Transportation.....	NA	NA	NA	NA	NA	15	14	17	NA	0.4
All Sectors.....	2,489	2,938	2,852	2,937	3,012	3,235	3,305	3,992	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	10.01	11.95	10.86	10.90	10.96	11.31	11.63	13.64	NA	NA
Commercial.....	9.11	10.33	9.27	9.26	9.32	9.93	9.90	11.53	NA	NA
Industrial.....	7.55	7.94	7.32	7.62	7.68	7.99	7.89	9.40	NA	NA
Other.....	12.83	14.38	10.06	10.00	10.35	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	7.72	7.25	8.78	NA	NA
All Sectors.....	9.16	10.50	9.52	9.62	9.71	10.16	10.26	12.06	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	3	8	NA	NA	NA	4	1	16
Number of Retail Customers	1,487,027	70,851	NA	NA	NA	27,530	NA	1,585,408
Retail Sales (thousand megawatthours)	30,232	2,123	NA	NA	NA	740	NA	33,095
Percentage of Retail Sales	91.35	6.41	NA	NA	NA	2.24	NA	100.00
Revenue from Retail Sales (million dollars)	3,702	199	NA	NA	NA	51	40	3,992
Percentage of Revenue	92.75	4.98	NA	NA	NA	1.27	1.00	100.00
Average Retail Price (cents/kWh)	12.25	9.37	NA	NA	NA	6.87	5.37	12.06

Connecticut

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.

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

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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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Delaware		
NERC Region(s).....		MAAC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	3,365	44
Electric Utilities.....	58	49
Independent Power Producers & Combined Heat and Power.....	3,307	26
Net Generation (megawatthours).....	8,136,568	46
Electric Utilities.....	25,989	48
Independent Power Producers & Combined Heat and Power.....	8,110,579	29
Emissions (thousand metric tons)		
Sulfur Dioxide	31	37
Nitrogen Oxide	14	43
Carbon Dioxide.....	6,805	45
Sulfur Dioxide (lbs/MWh)	8.5	9
Nitrogen Oxide (lbs/MWh)	3.7	12
Carbon Dioxide (lbs/MWh).....	1,844	13
Total Retail Sales (megawatthours).....	12,136,788	43
Full Service Provider Sales (megawatthours)	11,187,095	41
Deregulated Sales (megawatthours)	949,693	15
Direct Use (megawatthours)	695,737	29
Average Retail Price (cents/kWh).....	7.76	20

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Delaware			
1. Hay Road	Gas	Conectiv Delmarva Gen Inc	1,088
2. Indian River Generating Station.....	Coal	Indian River Operations Inc	797
3. Edge Moor	Coal	Conectiv Delmarva Gen Inc	718
4. Delaware City Plant.....	Other Gases	The Premcor Refining Group Inc	307
5. McKee Run.....	Petroleum	DE Operating Services, LLC	136
6. NRG Energy Center Dover	Coal	NRG Energy Center Dover LLC	120
7. Warren F Sam Beasley Generation Station	Gas	Delaware Municipal Electric Corp	49
8. Christiana.....	Petroleum	Conectiv Delmarva Gen Inc	44
9. Van Sant Station.....	Gas	DE Operating Services, LLC	39
10. Seaford Delaware Plant	Coal	Invista	27

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Delaware						
1. Delmarva Power & Light Company.....	Investor-Owned	8,263,877	3,123,620	3,549,011	1,591,246	0
2. Delaware Electric Coop Inc.....	Cooperative	1,109,596	924,580	181,892	3,124	0
3. Dover City of.....	Public	751,973	195,494	242,964	313,515	0
4. Newark City of.....	Public	401,365	101,149	72,097	228,119	0
5. BOC Energy Services.....	Other Provider	258,952	0	0	258,952	0
Total Sales, Top Five Providers.....		10,785,763	4,344,843	4,045,964	2,394,956	0
Percent of Total State Sales.....		89	95	95	72	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Delaware										
Electric Utilities.....	1,965	2,239	985	184	58	58	58	58	91.7	1.7
Coal.....	919	910	767	-	-	-	-	-	42.9	-
Petroleum.....	227	124	218	184	9	9	9	9	10.6	0.3
Natural Gas.....	818	1,205	-	-	49	49	49	49	38.2	1.5
Independent Power Producers and Combined Heat and Power.....	177	177	1,430	2,517	3,332	3,335	3,371	3,307	8.3	98.3
Coal.....	37	37	260	1,034	1,050	1,052	1,070	1,083	1.7	32.2
Petroleum.....	134	134	530	968	736	736	686	686	6.3	20.4
Natural Gas.....	4	4	356	515	1,244	1,244	1,308	1,231	0.2	36.6
Other Gases.....	1	1	283	-	303	303	307	307	0.1	9.1
Total Electric Industry.....	2,141	2,416	2,414	2,701	3,390	3,392	3,428	3,365	100.0	100.0
Coal.....	956	947	1,027	1,034	1,050	1,052	1,070	1,083	44.6	32.2
Petroleum.....	361	258	748	1,152	745	745	695	695	16.9	20.6
Natural Gas.....	823	1,209	356	515	1,293	1,293	1,357	1,280	38.4	38.0
Other Gases.....	1	1	283	-	303	303	307	307	0.1	9.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Delaware										
Electric Utilities.....	7,099,663	8,324,101	4,137,127	1,872,053	170,994	31,107	23,751	25,989	90.5	0.3
Coal.....	4,904,473	4,226,615	3,319,195	1,626,254	-	-	-	-	62.5	-
Petroleum.....	1,436,186	917,065	398,100	209,088	154,118	9,863	10,083	6,442	18.3	0.1
Natural Gas.....	759,004	3,180,421	419,832	36,711	16,876	21,244	13,668	19,547	9.7	0.2
Independent Power Producers and Combined Heat and Power.....	741,837	708,736	1,850,324	4,935,631	5,831,495	7,361,180	7,831,802	8,110,579	9.5	99.7
Coal.....	209,006	212,359	793,101	1,742,253	3,463,565	4,026,496	4,750,119	4,832,948	2.7	59.4
Petroleum.....	357,620	368,130	450,940	1,497,541	795,577	1,707,001	1,081,258	1,209,981	4.6	14.9
Natural Gas.....	4,015	5,138	420,676	1,538,775	1,426,007	1,442,536	1,701,094	1,571,214	0.1	19.3
Other Gases.....	164,881	113,827	166,769	157,062	146,346	185,147	299,329	496,436	2.1	6.1
Other Renewables.....	-	-	18,838	-	-	-	-	-	-	-
Other.....	6,315	9,282	-	-	-	-	-	-	0.1	-
Total Electric Industry.....	7,841,500	9,032,837	5,987,451	6,807,684	6,002,489	7,392,287	7,855,553	8,136,568	100.0	100.0
Coal.....	5,113,479	4,438,974	4,112,296	3,368,507	3,463,565	4,026,496	4,750,119	4,832,948	65.2	59.4
Petroleum.....	1,793,806	1,285,195	849,040	1,706,629	949,695	1,716,864	1,091,341	1,216,423	22.9	15.0
Natural Gas.....	763,019	3,185,559	840,508	1,575,486	1,442,883	1,463,780	1,714,762	1,590,761	9.7	19.6
Other Gases.....	164,881	113,827	166,769	157,062	146,346	185,147	299,329	496,436	2.1	6.1
Other Renewables.....	-	-	18,838	-	-	-	-	-	-	-
Other.....	6,315	9,282	-	-	-	-	-	-	0.1	-

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Delaware								
Coal (cents per million Btu)	181.5	161.5	152.1	216.9	W	W	W	W
Average heat value (Btu per pound)	13,035	13,085	12,995	11,495	12,858	12,803	12,530	12,222
Average sulfur Content (percent)	1.0	1.0	1.0	0.7	0.9	0.9	0.8	0.7
Petroleum (cents per million Btu)	278.2	260.9	445.9	380.5	405.6	576.2	610.6	862.8
Average heat value (Btu per gallon)	151,269	152,012	150,486	148,095	148,964	147,895	146,312	147,248
Average sulfur Content (percent)	1.2	0.8	0.5	0.8	0.7	0.5	0.4	0.5
Natural Gas (cents per million Btu)	257.7	227.2	488.5	427.2	W	W	W	W
Average heat value (Btu per cubic foot)	1,054	1,032	1,008	1,030	1,036	1,043	1,036	1,037

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Delaware								
Sulfur Dioxide								
Coal.....	38	37	35	30	28	32	33	29
Petroleum.....	41	35	4	6	4	4	2	2
Natural Gas.....	*	*	*	*	*	-	-	*
Other.....	*	*	-	*	*	*	*	*
Total.....	80	73	39	36	31	36	35	31
Nitrogen Oxide								
Coal.....	22	16	9	7	7	8	8	9
Petroleum.....	5	3	3	4	3	5	2	2
Natural Gas.....	1	3	*	1	1	*	1	1
Other.....	-	-	-	1	1	*	2	2
Total.....	27	21	13	13	11	13	13	14
Carbon Dioxide								
Coal.....	5,367 ^R	4,722 ^R	4,339 ^R	3,266	3,651	4,148	4,935	5,233
Petroleum.....	2,808 ^R	1,819 ^R	1,226 ^R	1,928	1,280	2,198	781	857
Natural Gas.....	617 ^R	1,473 ^R	450 ^R	829	1,079	647	810	716
Total.....	8,792 ^R	8,014 ^R	6,015 ^R	6,022	6,010	6,993	6,525	6,805

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Delaware										
Retail Sales (thousand megawatthours)										
Residential.....	2,651	3,168	3,575	3,734	4,020	4,190	4,305	4,594	32.0	37.9
Commercial.....	2,311	2,842	4,050	3,605	3,787	3,886	4,033	4,238	27.9	34.9
Industrial.....	3,272	3,511	3,601	3,978	4,151	4,523	3,423	3,305	39.5	27.2
Other.....	50	58	49	62	60	NA	NA	NA	0.6	NA
All Sectors.....	8,284	9,580	11,274	11,379	12,019	12,600	11,761	12,137	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	223	288	305	321	350	360	378	414	41.6	44.0
Commercial.....	160	201	239	252	271	284	300	322	29.8	34.2
Industrial.....	148	166	134	191	201	233	207	205	27.6	21.8
Other.....	5	7	7	9	8	NA	NA	NA	1.0	NA
All Sectors.....	535	662	685	774	830	877	885	941	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	8.39	9.09	8.54	8.61	8.70	8.59	8.78	9.01	NA	NA
Commercial.....	6.91	7.08	5.89	7.00	7.15	7.31	7.44	7.60	NA	NA
Industrial.....	4.51	4.72	3.73	4.81	4.85	5.15	6.06	6.21	NA	NA
Other.....	10.33	11.95	14.19	14.17	14.13	NA	NA	NA	NA	NA
All Sectors.....	6.46	6.91	6.08	6.80	6.91	6.96	7.53	7.76	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	1	9	NA	1	NA	3	1	15
Number of Retail Customers	289,348	58,393	NA	72,164	NA	9	NA	419,914
Retail Sales (thousand megawatthours)	8,264	1,814	NA	1,110	NA	950	NA	12,137
Percentage of Retail Sales	68.09	14.94	NA	9.14	NA	7.82	NA	100.00
Revenue from Retail Sales (million dollars)	620	169	NA	99	NA	51	2	941
Percentage of Revenue	65.89	18.00	NA	10.47	NA	5.45	0.19	100.00
Average Retail Price (cents/kWh)	7.51	9.34	NA	8.88	NA	5.40	0.19	7.76

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
District of Columbia		
NERC Region(s).....		MAAC
Primary Energy Source.....		Petroleum
Net Summer Capability (megawatts).....	806	51
Independent Power Producers & Combined Heat and Power.....	806	41
Net Generation (megawatthours).....	226,042	51
Independent Power Producers & Combined Heat and Power.....	226,042	49
Emissions (thousand metric tons)		
Sulfur Dioxide	1	49
Nitrogen Oxide	1	50
Carbon Dioxide.....	234	50
Sulfur Dioxide (lbs/MWh)	8.1	11
Nitrogen Oxide (lbs/MWh)	6.6	1
Carbon Dioxide (lbs/MWh).....	2,278	1
Total Retail Sales (megawatthours).....	11,816,207	44
Full Service Provider Sales (megawatthours)	4,802,919	50
Deregulated Sales (megawatthours).....	7,013,288	11
Average Retail Price (cents/kWh).....	9.18	12

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
District of Columbia			
1. Benning.....	Petroleum	Potomac Power Resources	550
2. Buzzard Point	Petroleum	Potomac Power Resources	256

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
District of Columbia						
1. Potomac Electric Power Co.....	Investor-Owned	4,920,073	1,855,432	3,058,338	6,303	0
2. PEPCO Energy Services.....	Other Provider	3,854,941	37,869	3,817,072	0	0
3. Constellation NewEnergy, Inc.....	Other Provider	1,085,441	0	785,568	1,717	298,156
4. Select Energy.....	Other Provider	809,233	0	809,233	0	0
5. Washington Gas Energy Services.....	Other Provider	774,108	47,860	726,248	0	0
Total Sales, Top Five Providers.....		11,443,796	1,941,161	9,196,459	8,020	298,156
Percent of Total State Sales.....		96	100	100	2	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
District of Columbia										
Electric Utilities.....	806	806	-	-	-	-	-	-	99.7	-
Petroleum.....	806	806	-	-	-	-	-	-	99.7	-
Independent Power Producers and Combined Heat and Power.....	3	3	804	806	806	806	806	806	0.3	100.0
Coal.....	3	3	-	-	-	-	-	-	0.3	-
Petroleum.....	-	-	804	806	806	806	806	806	-	100.0
Total Electric Industry.....	809	809	804	806	806	806	806	806	100.0	100.0
Coal.....	3	3	-	-	-	-	-	-	0.3	-
Petroleum.....	806	806	804	806	806	806	806	806	99.7	100.0

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
District of Columbia										
Electric Utilities.....	361,043	188,862	97,423	-	-	-	-	-	100.0	-
Petroleum.....	361,043	188,862	97,423	-	-	-	-	-	100.0	-
Independent Power Producers and Combined Heat and Power.....	-	-	46,951	123,239	261,980	74,144	36,487	226,042	-	100.0
Petroleum.....	-	-	46,951	123,239	261,980	74,144	36,487	226,042	-	100.0
Total Electric Industry.....	361,043	188,862	144,374	123,239	261,980	74,144	36,487	226,042	100.0	100.0
Petroleum.....	361,043	188,862	144,374	123,239	261,980	74,144	36,487	226,042	100.0	100.0

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
District of Columbia								
Coal (cents per million Btu)	-	-	143.7	-	-	-	-	-
Average heat value (Btu per pound)	-	-	13,251	-	-	-	-	-
Average sulfur Content (percent)	-	-	0.8	-	-	-	-	-
Petroleum (cents per million Btu)	363.3	309.5	543.4	-	W	W	W	W
Average heat value (Btu per gallon)	143,238	142,998	142,643	-	142,114	142,324	141,352	142,143
Average sulfur Content (percent)	0.9	1.0	0.9	-	0.6	0.6	0.4	0.5

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
District of Columbia								
Sulfur Dioxide								
Petroleum.....	2	2	1	1	1	*	*	1
Total.....	2	2	1	1	1	*	*	1
Nitrogen Oxide								
Petroleum.....	*	*	*	*	1	*	*	1
Total.....	*	*	*	*	1	*	*	1
Carbon Dioxide								
Petroleum.....	406 ^R	220 ^R	169 ^R	162	261	82	56	234
Total.....	406 ^R	220 ^R	169 ^R	162	261	82	56	234

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
District of Columbia										
Retail Sales (thousand megawatthours)										
Residential	1,480	1,608	1,624	1,699	1,790	1,754	1,834	1,938	15.0	16.4
Commercial	5,073	8,079	8,332	8,539	8,645	8,639	8,994	9,296	51.5	78.7
Industrial.....	2,976	262	273	281	282	267	282	256	30.2	2.2
Other.....	319	366	387	362	411	NA	NA	NA	3.2	NA
Transportation.....	NA	NA	NA	NA	NA	285	304	326	NA	2.8
All Sectors	9,848	10,316	10,616	10,880	11,129	10,946	11,415	11,816	100.0	100.0
Retail Revenue (million dollars).....										
Residential	90	123	130	132	143	138	147	176	15.5	16.3
Commercial	322	578	629	636	633	635	670	848	55.1	78.2
Industrial.....	154	11	13	14	14	15	13	36	26.3	3.3
Other.....	18	23	26	23	27	NA	NA	NA	3.2	NA
Transportation.....	NA	NA	NA	NA	NA	22	22	24	NA	2.2
All Sectors	585	735	798	805	817	810	852	1,085	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential	6.10	7.62	8.03	7.79	7.98	7.84	8.00	9.10	NA	NA
Commercial	6.35	7.15	7.55	7.45	7.32	7.35	7.45	9.13	NA	NA
Industrial.....	5.16	4.36	4.74	4.81	4.95	5.57	4.74	14.13	NA	NA
Other.....	5.78	6.33	6.67	6.39	6.59	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	7.64	7.37	7.37	NA	NA
All Sectors	5.94	7.12	7.52	7.40	7.34	7.40	7.47	9.18	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
District of Columbia								
Number of Entities	1	NA	NA	NA	NA	7	2	10
Number of Retail Customers	221,606	NA	NA	NA	NA	10,363	NA	231,969
Retail Sales (thousand megawatthours)	4,803	NA	NA	NA	NA	7,013	NA	11,816
Percentage of Retail Sales	40.65	NA	NA	NA	NA	59.35	NA	100.00
Revenue from Retail Sales (million dollars)	457	NA	NA	NA	NA	432	196	1,085
Percentage of Revenue	42.08	NA	NA	NA	NA	39.81	18.10	100.00
Average Retail Price (cents/kWh)	9.27	NA	NA	NA	NA	6.16	2.80	9.18

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.

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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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Florida		
NERC Region(s).....		FRCC/SERC
Primary Energy Source.....		Gas
Net Summer Capability (megawatts).....	53,220	3
Electric Utilities.....	45,196	1
Independent Power Producers & Combined Heat and Power.....	8,024	12
Net Generation (megawatthours).....	220,256,411	2
Electric Utilities.....	196,096,285	1
Independent Power Producers & Combined Heat and Power.....	24,160,126	12
Emissions (thousand metric tons)		
Sulfur Dioxide	412	10
Nitrogen Oxide	227	3
Carbon Dioxide.....	130,325	3
Sulfur Dioxide (lbs/MWh)	4.1	26
Nitrogen Oxide (lbs/MWh)	2.3	26
Carbon Dioxide (lbs/MWh).....	1,304	31
Total Retail Sales (megawatthours).....	224,977,011	3
Full Service Provider Sales (megawatthours)	224,977,011	3
Direct Use (megawatthours)	4,978,723	6
Average Retail Price (cents/kWh).....	8.76	15

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Florida			
1. Martin	Gas	Florida Power & Light Co	3,693
2. Crystal River.....	Coal	Progress Energy Florida Inc	3,140
3. Manatee	Petroleum	Florida Power & Light Co	2,698
4. Fort Myers	Gas	Florida Power & Light Co	2,415
5. Turkey Point	Nuclear	Florida Power & Light Co	2,196
6. Sanford.....	Gas	Florida Power & Light Co	2,027
7. Big Bend	Coal	Tampa Electric Co	1,819
8. Lauderdale	Gas	Florida Power & Light Co	1,699
9. St Lucie.....	Nuclear	Florida Power & Light Co	1,678
10. H. L. Culbreath Bayside.....	Gas	Tampa Electric Co	1,632

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Florida Power & Light Company	Investor-Owned	101,979,583	54,179,849	43,804,916	3,900,589	94,229
2. Progress Energy Florida Inc	Investor-Owned	39,176,586	19,893,534	15,143,180	4,139,872	0
3. Tampa Electric Co	Investor-Owned	18,911,837	8,558,461	7,875,214	2,477,537	625
4. Jacksonville Electric Authority	Public	12,672,864	5,575,597	4,018,469	3,074,726	4,072
5. Gulf Power Co	Investor-Owned	11,238,896	5,319,630	3,758,506	2,160,760	0
Total Sales, Top Five Providers		183,979,766	93,527,071	74,600,285	15,753,484	98,926
Percent of Total State Sales		82	81	83	80	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	32,714	35,857	37,264	38,240	40,313	41,996	42,619	45,196	95.8	84.9
Coal.....	9,971	10,069	10,783	10,783	11,301	10,223	9,653	9,634	29.2	18.1
Petroleum.....	5,531	5,577	12,431	12,552	10,650	10,063	10,715	10,611	16.2	19.9
Natural Gas.....	13,351	16,348	10,102	10,955	14,401	17,751	18,290	20,990	39.1	39.4
Nuclear.....	3,813	3,822	3,898	3,898	3,906	3,902	3,902	3,902	11.2	7.3
Hydroelectric.....	48	41	47	47	50	50	55	55	0.1	0.1
Other Renewables.....	-	-	3	5	5	8	5	5	-	*
Independent Power Producers and Combined Heat and Power	1,443	3,849	4,276	4,565	6,740	7,423	8,034	8,024	4.2	15.1
Coal.....	242	812	693	806	806	799	769	769	0.7	1.4
Petroleum.....	33	58	22	18	18	18	1,073	1,091	0.1	2.0
Natural Gas.....	171	1,570	2,065	2,642	4,564	5,300	4,945	4,950	0.5	9.3
Other Renewables.....	690	1,062	1,135	956	962	895	932	925	2.0	1.7
Other	307	347	361	144	391	410	315	289	0.9	0.5
Total Electric Industry.....	34,157	39,706	41,540	42,805	47,054	49,419	50,654	53,220	100.0	100.0
Coal.....	10,214	10,881	11,477	11,589	12,107	11,022	10,422	10,403	29.9	19.5
Petroleum.....	5,564	5,635	12,453	12,570	10,668	10,080	11,787	11,701	16.3	22.0
Natural Gas.....	13,523	17,918	12,167	13,596	18,965	23,051	23,236	25,941	39.6	48.7
Nuclear.....	3,813	3,822	3,898	3,898	3,906	3,902	3,902	3,902	11.2	7.3
Hydroelectric.....	48	41	47	47	50	50	55	55	0.1	0.1
Other Renewables.....	690	1,062	1,138	962	967	903	937	930	2.0	1.7
Other	307	347	361	144	391	410	315	289	0.9	0.5

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Florida										
Electric Utilities.....	123,623,905	147,156,684	169,888,638	170,966,177	182,346,629	188,034,719	193,383,664	196,096,285	94.0	89.0
Coal.....	59,073,203	61,864,438	67,143,257	63,090,794	60,997,142	62,094,661	60,013,823	57,559,411	44.9	26.1
Petroleum.....	25,092,296	21,583,186	34,337,080	39,075,398	32,449,236	35,545,897	35,824,155	36,122,039	19.1	16.4
Natural Gas.....	17,504,242	34,737,603	36,002,612	36,943,903	54,883,087	59,013,591	65,940,807	73,282,347	13.3	33.3
Nuclear.....	21,779,560	28,740,617	32,291,345	31,583,404	33,704,230	30,979,481	31,215,576	28,758,826	16.6	13.1
Hydroelectric.....	174,604	230,840	86,769	147,718	184,114	262,667	265,258	266,159	0.1	0.1
Other Renewables.....	-	-	27,575	114,577	123,335	130,639	124,045	107,503	-	*
Other.....	-	-	-	10,383	5,485	7,782	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	7,878,648	20,257,688	21,927,202	19,979,167	21,006,145	24,575,293	24,734,264	24,160,126	6.0	11.0
Coal.....	1,027,054	3,897,403	5,598,572	5,136,944	4,929,251	5,579,919	4,863,044	4,972,028	0.8	2.3
Petroleum.....	442,842	704,315	1,405,950	1,504,541	1,232,115	1,658,672	1,405,828	1,107,469	0.3	0.5
Natural Gas.....	1,138,441	8,017,547	7,200,255	6,625,902	8,280,948	9,279,829	10,688,070	10,305,415	0.9	4.7
Other Gases.....	-	31,478	23,471	634	13,079	10,505	10,555	9,661	-	*
Other Renewables.....	3,817,209	5,579,958	5,662,771	3,675,180	3,616,445	4,343,450	4,390,615	4,256,351	2.9	1.9
Other.....	1,453,102	2,026,987	2,036,183	3,035,966	2,934,307	3,702,918	3,376,152	3,509,202	1.1	1.6
Total Electric Industry.....	131,502,553	167,414,372	191,815,840	190,945,344	203,352,774	212,610,012	218,117,928	220,256,411	100.0	100.0
Coal.....	60,100,257	65,761,841	72,741,829	68,227,738	65,926,393	67,674,580	64,876,867	62,531,439	45.7	28.4
Petroleum.....	25,535,138	22,287,501	35,743,030	40,579,939	33,681,351	37,204,569	37,229,983	37,229,508	19.4	16.9
Natural Gas.....	18,642,683	42,755,150	43,202,867	43,569,805	63,164,035	68,293,420	76,628,877	83,587,762	14.2	38.0
Other Gases.....	-	31,478	23,471	634	13,079	10,505	10,555	9,661	-	*
Nuclear.....	21,779,560	28,740,617	32,291,345	31,583,404	33,704,230	30,979,481	31,215,576	28,758,826	16.6	13.1
Hydroelectric.....	174,604	230,840	86,769	147,718	184,114	262,667	265,258	266,159	0.1	0.1
Other Renewables.....	3,817,209	5,579,958	5,690,346	3,789,757	3,739,780	4,474,089	4,514,660	4,363,854	2.9	2.0
Other.....	1,453,102	2,026,987	2,036,183	3,046,349	2,939,792	3,710,700	3,376,152	3,509,202	1.1	1.6

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Florida								
Coal (cents per million Btu)	184.9	178.6	156.9	171.8	176.2	175.5	191.6	231.3
Average heat value (Btu per pound)	12,364	12,296	12,330	12,105	12,263	12,281	12,249	12,227
Average sulfur Content (percent)	1.7	1.5	1.6	1.5	1.6	1.4	1.4	1.4
Petroleum (cents per million Btu)	301.9	247.0	408.8	338.8	324.0	388.6	392.1	580.6
Average heat value (Btu per gallon)	151,010	150,633	147,162	150,000	149,657	148,431	148,183	147,510
Average sulfur Content (percent)	1.2	1.5	1.5	1.6	1.8	2.0	2.0	2.0
Natural Gas (cents per million Btu)	253.3	223.6	433.8	453.2	396.7	573.3	629.0	843.6
Average heat value (Btu per cubic foot)	1,011	1,010	1,038	1,040	1,035	1,041	1,032	1,037

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Florida								
Sulfur Dioxide								
Coal.....	436	377	330	270	260	240	236	205
Petroleum.....	168	146	225	265	185	213	193	190
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	28	35	12	13	14	15	15	17
Total.....	633	558	567	548	459	469	443	412
Nitrogen Oxide								
Coal.....	217	243	183	159	148	145	138	115
Petroleum.....	38	31	71	82	60	67	64	66
Natural Gas.....	26	47	36	38	39	30	29	27
Other.....	9	12	11	21	21	20	20	19
Total.....	290	333	301	299	268	262	250	227
Carbon Dioxide								
Coal.....	56,806 ^R	62,717 ^R	70,000 ^R	65,130	64,328	65,002	62,947	60,407
Petroleum.....	21,280 ^R	18,814 ^R	30,079 ^R	33,443	27,880	31,193	31,627	32,290
Natural Gas.....	11,209 ^R	21,127 ^R	21,511 ^R	21,626	29,474	30,248	32,918	35,263
Other Renewables.....	1,325 ^R	2,255 ^R	2,138 ^R	2,149	2,560	2,333	2,392	2,364
Total.....	90,620 ^R	104,913 ^R	123,727 ^R	122,348	124,242	128,776	129,884	130,325

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Florida										
Retail Sales (thousand megawatthours)										
Residential.....	71,115	85,770	99,006	101,377	108,164	112,650	112,203	115,791	49.5	51.5
Commercial.....	51,342	60,079	72,130	73,958	77,561	85,257	86,765	89,410	35.8	39.7
Industrial.....	16,605	16,473	18,884	19,854	18,959	19,375	19,518	19,676	11.6	8.7
Other.....	4,473	5,171	5,824	5,563	5,789	NA	NA	NA	3.1	NA
Transportation.....	NA	NA	NA	NA	NA	97	98	99	NA	*
All Sectors.....	143,535	167,492	195,843	200,752	210,474	217,379	218,584	224,977	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	5,527	6,711	7,696	8,713	8,823	9,636	10,086	11,141	54.7	56.5
Commercial.....	3,421	3,838	4,511	5,239	5,150	6,083	6,601	7,293	33.9	37.0
Industrial.....	844	850	913	1,028	991	1,048	1,140	1,271	8.4	6.4
Other.....	306	346	405	423	430	NA	NA	NA	3.0	NA
Transportation.....	NA	NA	NA	NA	NA	7	7	8	NA	*
All Sectors.....	10,098	11,745	13,526	15,403	15,394	16,774	17,835	19,713	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.77	7.82	7.77	8.59	8.16	8.55	8.99	9.62	NA	NA
Commercial.....	6.66	6.39	6.25	7.08	6.64	7.13	7.61	8.16	NA	NA
Industrial.....	5.08	5.16	4.84	5.18	5.23	5.41	5.84	6.46	NA	NA
Other.....	6.83	6.69	6.96	7.60	7.43	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	7.21	7.45	8.03	NA	NA
All Sectors.....	7.04	7.01	6.91	7.67	7.31	7.72	8.16	8.76	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	5	32	NA	16	NA	NA	NA	53
Number of Retail Customers	6,972,662	1,255,875	NA	967,417	NA	NA	NA	9,195,954
Retail Sales (thousand megawatthours)	172,132	35,061	NA	17,785	NA	NA	NA	224,977
Percentage of Retail Sales	76.51	15.58	NA	7.91	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	15,169	2,903	NA	1,641	NA	NA	NA	19,713
Percentage of Revenue	76.95	14.73	NA	8.32	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	8.81	8.28	NA	9.23	NA	NA	NA	8.76

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Georgia		
NERC Region(s).....		SERC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	36,531	7
Electric Utilities.....	26,538	2
Independent Power Producers & Combined Heat and Power.....	9,993	10
Net Generation (megawatthours).....	136,667,891	9
Electric Utilities.....	126,444,777	3
Independent Power Producers & Combined Heat and Power.....	10,223,115	27
Emissions (thousand metric tons)		
Sulfur Dioxide	646	4
Nitrogen Oxide	126	10
Carbon Dioxide.....	89,253	8
Sulfur Dioxide (lbs/MWh)	10.4	4
Nitrogen Oxide (lbs/MWh)	2.0	32
Carbon Dioxide (lbs/MWh).....	1,440	22
Total Retail Sales (megawatthours)	132,265,452	8
Full Service Provider Sales (megawatthours)	132,265,452	6
Direct Use (megawatthours)	5,203,118	5
Average Retail Price (cents/kWh).....	7.43	25

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Georgia			
1. Scherer	Coal	Georgia Power Co	3,405
2. Bowen.....	Coal	Georgia Power Co	3,254
3. Vogtle	Nuclear	Georgia Power Co	2,301
4. Wansley	Coal	Georgia Power Co	1,827
5. Edwin I Hatch.....	Nuclear	Georgia Power Co	1,759
6. Harlee Branch.....	Coal	Georgia Power Co	1,607
7. Yates	Coal	Georgia Power Co	1,295
8. Murray Energy Facility	Gas	KGEN Power Partners, LLC	1,244
9. McIntosh Combined Cycle Facility.....	Gas	Savannah Electric & Power Co	1,184
10. Wansley Combined Cycle	Gas	Southern Power Co	1,129

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Georgia						
1. Georgia Power Co	Investor-Owned	78,982,218	23,585,116	30,195,881	25,027,371	173,850
2. Jackson Electric Member Corp	Cooperative	4,430,259	2,578,226	1,310,700	541,333	0
3. Savannah Electric & Power Co	Investor-Owned	4,430,044	1,923,357	1,701,793	804,894	0
4. Cobb Electric Membership Corp.....	Cooperative	3,813,286	2,364,187	1,207,797	241,302	0
5. Sawnee Electric Membership Corporation.....	Cooperative	2,735,022	1,823,408	732,800	178,814	0
Total Sales, Top Five Providers		94,390,829	32,274,294	35,148,971	26,793,714	173,850
Percent of Total State Sales		71	61	79	77	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Georgia										
Electric Utilities.....	20,731	22,290	24,860	24,099	25,821	24,804	25,404	26,538	95.6	72.6
Coal.....	12,952	12,551	13,470	13,503	13,498	13,331	13,215	13,192	59.7	36.1
Petroleum.....	926	1,064	1,145	1,145	1,145	1,055	991	991	4.3	2.7
Natural Gas.....	658	1,441	2,647	1,974	3,386	2,827	3,470	4,618	3.0	12.6
Nuclear.....	3,726	3,900	4,145	4,023	4,023	4,040	4,053	4,060	17.2	11.1
Hydroelectric.....	1,981	2,209	2,329	2,331	2,316	2,097	2,000	2,003	9.1	5.5
Pumped Storage.....	488	1,124	1,124	1,124	1,454	1,454	1,675	1,675	2.2	4.6
Independent Power Producers and Combined Heat and Power	965	1,386	2,896	5,383	8,780	10,011	9,934	9,993	4.4	27.4
Coal.....	79	64	261	312	317	317	273	273	0.4	0.7
Petroleum.....	143	203	348	178	253	307	262	1,195	0.7	3.3
Natural Gas.....	131	415	1,779	4,472	7,798	8,977	8,883	8,015	0.6	21.9
Hydroelectric.....	10	14	11	10	10	11	11	11	*	*
Other Renewables.....	603	690	497	410	402	399	506	499	2.8	1.4
Total Electric Industry.....	21,696	23,675	27,756	29,482	34,601	34,815	35,338	36,531	100.0	100.0
Coal.....	13,030	12,615	13,731	13,816	13,815	13,648	13,488	13,465	60.1	36.9
Petroleum.....	1,070	1,267	1,493	1,322	1,397	1,361	1,252	2,185	4.9	6.0
Natural Gas.....	789	1,856	4,426	6,446	11,184	11,804	12,353	12,633	3.6	34.6
Nuclear.....	3,726	3,900	4,145	4,023	4,023	4,040	4,053	4,060	17.2	11.1
Hydroelectric.....	1,991	2,223	2,341	2,341	2,325	2,109	2,012	2,014	9.2	5.5
Other Renewables.....	603	690	497	410	402	399	506	499	2.8	1.4
Pumped Storage.....	488	1,124	1,124	1,124	1,454	1,454	1,675	1,675	2.2	4.6

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Georgia										
Electric Utilities.....	97,565,058	102,015,724	116,176,834	110,564,676	111,855,967	115,755,114	117,918,895	126,444,777	95.0	92.5
Coal.....	67,564,750	65,880,095	79,007,166	73,443,695	77,288,328	77,858,022	79,185,166	86,358,096	65.8	63.2
Petroleum.....	164,987	218,515	641,415	275,630	233,940	278,618	156,672	189,819	0.2	0.1
Natural Gas.....	151,615	572,818	1,754,679	1,168,337	1,189,392	890,600	2,044,196	4,567,674	0.1	3.3
Nuclear.....	24,796,884	30,660,626	32,472,935	33,681,769	31,107,735	33,256,649	33,747,705	31,534,259	24.1	23.1
Hydroelectric.....	4,544,712	4,146,208	2,455,467	2,564,955	2,684,740	4,107,318	3,663,002	4,004,150	4.4	2.9
Pumped Storage.....	342,110	537,462	-154,828	-569,710	-648,168	-636,093	-877,846	-209,221	0.3	-0.2
Independent Power Producers and Combined Heat and Power.....	5,121,182	5,862,872	7,700,579	7,752,113	14,656,248	8,321,720	8,893,820	10,223,114	5.0	7.5
Coal.....	980,942	1,062,265	1,093,284	1,117,486	1,539,796	780,467	770,571	877,413	1.0	0.6
Petroleum.....	334,493	631,345	979,238	894,909	970,625	915,441	686,118	829,414	0.3	0.6
Natural Gas.....	678,565	887,066	2,496,398	2,697,536	5,699,758	3,386,391	4,151,766	5,209,486	0.7	3.8
Hydroelectric.....	44,405	50,533	25,330	31,472	30,982	32,952	29,394	27,903	*	*
Other Renewables.....	3,082,776	3,231,663	3,104,799	3,002,754	6,381,435	3,173,273	3,216,386	3,226,131	3.0	2.4
Other.....	1	-	1,530	7,956	33,652	33,196	39,585	52,768	*	*
Total Electric Industry.....	102,686,240	107,878,596	123,877,413	118,316,789	126,512,215	124,076,834	126,812,715	136,667,891	100.0	100.0
Coal.....	68,545,692	66,942,360	80,100,450	74,561,181	78,828,124	78,638,489	79,955,737	87,235,509	66.8	63.8
Petroleum.....	499,480	849,860	1,620,653	1,170,539	1,204,565	1,194,059	842,790	1,019,233	0.5	0.7
Natural Gas.....	830,180	1,459,884	4,251,077	3,865,873	6,889,150	4,276,991	6,195,962	9,777,160	0.8	7.2
Nuclear.....	24,796,884	30,660,626	32,472,935	33,681,769	31,107,735	33,256,649	33,747,705	31,534,259	24.1	23.1
Hydroelectric.....	4,589,117	4,196,741	2,480,797	2,596,427	2,715,722	4,140,270	3,692,396	4,032,053	4.5	3.0
Other Renewables.....	3,082,776	3,231,663	3,104,799	3,002,754	6,381,435	3,173,273	3,216,386	3,226,131	3.0	2.4
Pumped Storage.....	342,110	537,462	-154,828	-569,710	-648,168	-636,093	-877,846	-209,221	0.3	-0.2
Other.....	1	-	1,530	7,956	33,652	33,196	39,585	52,768	*	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Georgia								
Coal (cents per million Btu)	178.6	166.8	154.2	166.1	W	171.9	180.2	217.7
Average heat value (Btu per pound)	11,893	11,576	11,559	11,730	11,686	11,668	11,024	11,058
Average sulfur Content (percent)	1.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Petroleum (cents per million Btu)	485.5	378.1	690.6	668.4	548.6	268.0	288.7	433.1
Average heat value (Btu per gallon)	139,812	139,631	138,498	145,714	138,348	134,648	136,533	141,855
Average sulfur Content (percent)	0.8	0.5	0.5	0.5	0.4	4.4	4.2	3.6
Natural Gas (cents per million Btu)	296.8	272.1	417.6	327.8	362.3	571.7	664.9	1,056.6
Average heat value (Btu per cubic foot)	1,024	1,024	1,031	1,020	1,031	1,035	1,031	1,035

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Georgia								
Sulfur Dioxide								
Coal.....	805	440	488	479	495	517	524	583
Petroleum.....	13	2	25	47	36	42	33	35
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	30	39	31	32	32	27	27	27
Total.....	849	481	544	557	563	586	584	646
Nitrogen Oxide								
Coal.....	292	251	177	153	138	101	97	107
Petroleum.....	2	3	4	5	5	6	4	4
Natural Gas.....	2	4	5	3	6	4	3	4
Other.....	10	10	8	11	11	10	10	10
Total.....	306	268	194	172	159	120	115	126
Carbon Dioxide								
Coal.....	64,412 ^R	67,151 ^R	75,422 ^R	70,521	75,279	74,636	76,683	82,689
Petroleum.....	1,278 ^R	1,891 ^R	2,853 ^R	2,261	2,480	2,322	1,967	2,005
Natural Gas.....	1,075 ^R	1,677 ^R	3,215 ^R	2,837	3,799	2,177	2,916	4,374
Other Renewables.....	307 ^R	122 ^R	114 ^R	64	157	159	148	185
Total.....	67,072 ^R	70,841 ^R	81,603 ^R	75,683	81,716	79,294	81,714	89,253

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Georgia										
Retail Sales (thousand megawatthours)										
Residential.....	29,933	35,812	44,560	44,380	48,600	48,174	51,124	52,827	37.2	39.9
Commercial.....	22,868	27,741	36,951	37,839	38,887	40,554	42,316	44,663	28.4	33.8
Industrial.....	26,717	31,493	36,085	33,941	34,603	34,768	35,846	34,602	33.2	26.2
Other.....	922	1,145	1,589	1,631	1,699	NA	NA	NA	1.1	NA
Transportation.....	NA	NA	NA	NA	NA	180	180	174	NA	0.1
All Sectors.....	80,440	96,192	119,185	117,790	123,789	123,677	129,466	132,265	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	2,233	2,811	3,386	3,428	3,706	3,711	4,016	4,565	42.3	46.4
Commercial.....	1,677	2,031	2,401	2,503	2,513	2,699	2,912	3,428	31.8	34.9
Industrial.....	1,291	1,423	1,481	1,454	1,366	1,397	1,587	1,827	24.5	18.6
Other.....	75	98	135	140	141	NA	NA	NA	1.4	NA
Transportation.....	NA	NA	NA	NA	NA	9	9	10	NA	0.1
All Sectors.....	5,275	6,363	7,404	7,524	7,726	7,816	8,525	9,830	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.46	7.85	7.60	7.72	7.63	7.70	7.86	8.64	NA	NA
Commercial.....	7.33	7.32	6.50	6.61	6.46	6.66	6.88	7.67	NA	NA
Industrial.....	4.83	4.52	4.10	4.28	3.95	4.02	4.43	5.28	NA	NA
Other.....	8.11	8.60	8.51	8.56	8.31	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	4.81	5.12	5.90	NA	NA
All Sectors.....	6.56	6.62	6.21	6.39	6.24	6.32	6.58	7.43	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	2	53	NA	43	NA	NA	NA	98
Number of Retail Customers	2,243,651	334,407	NA	1,784,727	NA	NA	NA	4,362,785
Retail Sales (thousand megawatthours)	83,412	11,994	NA	36,859	NA	NA	NA	132,265
Percentage of Retail Sales	63.06	9.07	NA	27.87	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	6,067	808	NA	2,955	NA	NA	NA	9,830
Percentage of Revenue	61.72	8.22	NA	30.06	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	7.27	6.74	NA	8.02	NA	NA	NA	7.43

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Hawaii		
NERC Region(s).....		HICC
Primary Energy Source.....		Petroleum
Net Summer Capability (megawatts).....	2,358	47
Electric Utilities.....	1,584	41
Independent Power Producers & Combined Heat and Power.....	774	42
Net Generation (megawatthours).....	11,522,805	44
Electric Utilities.....	6,915,159	38
Independent Power Producers & Combined Heat and Power.....	4,607,646	37
Emissions (thousand metric tons)		
Sulfur Dioxide	21	42
Nitrogen Oxide	30	39
Carbon Dioxide.....	9,031	41
Sulfur Dioxide (lbs/MWh)	4.1	27
Nitrogen Oxide (lbs/MWh)	5.7	2
Carbon Dioxide (lbs/MWh).....	1,728	16
Total Retail Sales (megawatthours).....	10,538,910	47
Full Service Provider Sales (megawatthours)	10,538,910	45
Direct Use (megawatthours)	380,025	36
Average Retail Price (cents/kWh).....	18.33	1

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Hawaii			
1. Kahe.....	Petroleum	Hawaiian Electric Co Inc	582
2. Waiiau.....	Petroleum	Hawaiian Electric Co Inc	457
3. Kalaeola Cogen Plant	Petroleum	Kalaeola Partners LP	214
4. Maalaea.....	Petroleum	Maui Electric Co Ltd	190
5. AES Hawaii	Coal	AES Hawaii Inc	180
6. Honolulu	Petroleum	Hawaiian Electric Co Inc	100
7. Port Allen.....	Petroleum	Kauai Island Utility Cooperative	93
8. Keahole.....	Petroleum	Hawaii Electric Light Co Inc	63
9. Hamakua Energy Plant	Petroleum	Hamakua Energy Partners LP	61
10. H Power	Other	Covanta Honolulu Resource Recovery	60

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Hawaii						
1. Hawaiian Electric Co Inc.....	Investor-Owned	7,721,296	2,142,534	2,480,360	3,098,402	0
2. Maui Electric Co Ltd.....	Investor-Owned	1,252,112	442,008	406,110	403,994	0
3. Hawaii Electric Light Co Inc.....	Investor-Owned	1,116,487	423,486	453,365	239,636	0
4. Kauai Island Utility Coop.....	Cooperative	448,610	156,002	122,942	169,666	0
5. Gay & Robinson Inc.....	Facility	405	35	370	-	-
Total Sales, Top Five Providers.....		10,538,910	3,164,065	3,463,147	3,911,698	0
Percent of Total State Sales.....		100	100	100	100	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Hawaii										
Electric Utilities.....	1,487	1,602	1,626	1,622	1,622	1,624	1,691	1,584	78.8	67.2
Petroleum.....	1,483	1,598	1,621	1,616	1,618	1,620	1,687	1,578	78.6	66.9
Hydroelectric.....	3	3	4	3	2	2	2	4	0.2	0.2
Other Renewables.....	-	-	2	2	2	2	2	2	-	0.1
Independent Power Producers and Combined Heat and Power.....	400	757	761	670	645	644	620	774	21.2	32.8
Coal.....	22	213	213	202	202	202	180	180	1.2	7.6
Petroleum.....	132	275	331	251	264	262	262	416	7.0	17.7
Other Gases.....	8	8	8	9	9	9	9	9	0.4	0.4
Hydroelectric.....	14	25	23	22	22	21	21	20	0.8	0.8
Other Renewables.....	223	237	186	186	148	150	149	149	11.8	6.3
Total Electric Industry.....	1,886	2,359	2,388	2,292	2,267	2,268	2,311	2,358	100.0	100.0
Coal.....	22	213	213	202	202	202	180	180	1.2	7.6
Petroleum.....	1,616	1,874	1,952	1,867	1,882	1,882	1,949	1,994	85.7	84.6
Other Gases.....	8	8	8	9	9	9	9	9	0.4	0.4
Hydroelectric.....	18	28	26	25	23	22	22	24	0.9	1.0
Other Renewables.....	223	237	189	188	150	153	151	151	11.8	6.4

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Hawaii										
Electric Utilities.....	7,996,096	6,190,584	6,534,692	6,383,088	7,513,051	6,493,205	6,982,469	6,915,159	82.4	60.0
Petroleum.....	7,967,354	6,174,627	6,516,929	6,362,846	7,502,913	6,489,565	6,971,259	6,904,293	82.1	59.9
Hydroelectric.....	22,743	15,957	15,114	18,132	8,533	2,078	9,724	9,169	0.2	0.1
Other Renewables.....	5,999	-	2,649	2,110	1,605	1,562	1,486	1,697	0.1	*
Independent Power Producers and Combined Heat and Power.....	1,706,656	4,113,399	4,058,711	4,250,005	4,150,019	4,483,166	4,427,934	4,607,646	17.6	40.0
Coal.....	2,381	1,561,204	1,578,585	1,604,764	1,545,797	1,644,137	1,603,811	1,631,250	*	14.2
Petroleum.....	768,508	1,504,368	1,534,853	1,860,978	1,964,077	2,012,985	1,855,462	2,172,133	7.9	18.9
Natural Gas.....	-	-	-	-	-	-	125,081	-	-	-
Other Gases.....	16,163	69,307	42,173	37,855	40,816	40,251	40,794	30,983	0.2	0.3
Hydroelectric.....	56,773	81,853	88,344	82,618	86,535	88,427	84,177	87,019	0.6	0.8
Other Renewables.....	862,831	894,548	814,756	494,312	369,313	525,469	548,125	537,250	8.9	4.7
Other.....	-	2,119	-	169,478	143,481	171,897	170,483	149,011	-	1.3
Total Electric Industry.....	9,702,752	10,303,983	10,593,403	10,633,093	11,663,070	10,976,371	11,410,403	11,522,805	100.0	100.0
Coal.....	2,381	1,561,204	1,578,585	1,604,764	1,545,797	1,644,137	1,603,811	1,631,250	*	14.2
Petroleum.....	8,735,862	7,678,995	8,051,782	8,223,824	9,466,990	8,502,550	8,826,721	9,076,426	90.0	78.8
Natural Gas.....	-	-	-	-	-	-	125,081	-	-	-
Other Gases.....	16,163	69,307	42,173	37,855	40,816	40,251	40,794	30,983	0.2	0.3
Hydroelectric.....	79,516	97,810	103,458	100,750	95,068	90,505	93,901	96,188	0.8	0.8
Other Renewables.....	868,830	894,548	817,405	496,422	370,918	527,031	549,611	538,947	9.0	4.7
Other.....	-	2,119	-	169,478	143,481	171,897	170,483	149,011	-	1.3

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Hawaii								
Coal (cents per million Btu)	-	-	-	-	W	W	W	W
Average heat value (Btu per pound)	-	-	-	-	11,536	11,422	11,097	10,975
Average sulfur Content (percent)	-	-	-	-	0.3	0.4	0.5	0.6
Petroleum (cents per million Btu)	415.2	298.0	503.9	490.3	W	W	W	W
Average heat value (Btu per gallon)	148,881	149,390	149,702	146,429	139,410	140,581	140,629	135,093
Average sulfur Content (percent)	0.5	0.4	0.5	0.5	0.4	0.4	0.5	0.3

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Hawaii								
Sulfur Dioxide								
Coal.....	*	4	2	1	2	1	1	1
Petroleum.....	35	25	18	24	20	21	22	20
Other.....	*	*	*	*	*	*	*	*
Total.....	35	29	19	26	23	23	24	21
Nitrogen Oxide								
Coal.....	*	6	4	1	3	1	1	1
Petroleum.....	14	9	9	24	28	25	26	27
Other.....	1	1	1	1	1	2	2	1
Total.....	15	16	14	27	32	28	29	30
Carbon Dioxide								
Coal.....	6 ^R	1,599 ^R	1,614 ^R	1,638	1,596	1,700	1,711	1,575
Petroleum.....	7,743 ^R	6,397 ^R	6,750 ^R	6,713	7,462	6,738	7,173	7,268
Geothermal.....	-	6 ^R	7 ^R	5	2	5	5	6
Other Renewables.....	234 ^R	263 ^R	211 ^R	351	183	209	210	182
Total.....	7,983 ^R	8,264 ^R	8,582 ^R	8,708	9,243	8,652	9,100	9,031

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Hawaii										
Retail Sales (thousand megawatthours)										
Residential.....	2,324	2,606	2,765	2,802	2,898	3,028	3,162	3,164	28.0	30.0
Commercial.....	2,194	2,721	3,036	3,129	3,168	3,517	3,632	3,463	26.4	32.9
Industrial.....	3,734	3,803	3,834	3,790	3,770	3,846	3,937	3,912	44.9	37.1
Other.....	58	57	56	63	55	NA	NA	NA	0.7	NA
All Sectors.....	8,311	9,188	9,691	9,785	9,892	10,391	10,732	10,539	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	238	347	454	458	453	507	571	655	31.8	33.9
Commercial.....	223	331	450	464	447	528	588	659	29.8	34.1
Industrial.....	283	352	448	443	415	469	526	618	37.7	32.0
Other.....	5	7	8	11	9	NA	NA	NA	0.7	NA
All Sectors.....	750	1,038	1,360	1,374	1,325	1,504	1,685	1,932	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	10.26	13.32	16.41	16.34	15.63	16.73	18.06	20.70	NA	NA
Commercial.....	10.18	12.16	14.81	14.81	14.11	15.02	16.19	19.04	NA	NA
Industrial.....	7.57	9.27	11.69	11.68	11.02	12.20	13.35	15.79	NA	NA
Other.....	9.40	12.11	14.76	16.81	16.85	NA	NA	NA	NA	NA
All Sectors.....	9.02	11.29	14.03	14.05	13.39	14.47	15.70	18.33	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Hawaii								
Number of Entities	3	NA	NA	1	1	NA	NA	5
Number of Retail Customers	425,661	NA	NA	30,236	13	NA	NA	455,910
Retail Sales (thousand megawatthours)	10,090	NA	NA	449	*	NA	NA	10,539
Percentage of Retail Sales	95.74	NA	NA	4.26	*	NA	NA	100.00
Revenue from Retail Sales (million dollars)	1,797	NA	NA	135	*	NA	NA	1,932
Percentage of Revenue	93.00	NA	NA	7.00	*	NA	NA	100.00
Average Retail Price (cents/kWh)	17.81	NA	NA	30.13	11.85	NA	NA	18.33

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Idaho		
NERC Region(s).....		WECC
Primary Energy Source.....		Hydroelectric
Net Summer Capability (megawatts).....	3,160	45
Electric Utilities.....	2,558	38
Independent Power Producers & Combined Heat and Power.....	602	44
Net Generation (megawatthours).....	10,824,984	45
Electric Utilities.....	8,032,438	37
Independent Power Producers & Combined Heat and Power.....	2,792,545	40
Emissions (thousand metric tons)		
Sulfur Dioxide	5	47
Nitrogen Oxide	2	48
Carbon Dioxide.....	1,334	49
Sulfur Dioxide (lbs/MWh)	1.0	45
Nitrogen Oxide (lbs/MWh)	0.4	50
Carbon Dioxide (lbs/MWh).....	272	50
Total Retail Sales (megawatthours).....	21,852,681	38
Full Service Provider Sales (megawatthours)	21,852,681	38
Direct Use (megawatthours)	550,252	32
Average Retail Price (cents/kWh).....	5.12	50

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Idaho			
1. Brownlee.....	Hydroelectric	Idaho Power Co	562
2. Dworshak.....	Hydroelectric	USCE-North Pacific Division	400
3. Cabinet Gorge.....	Hydroelectric	Avista Corporation	276
4. Rathdrum Operating	Gas	Rathdrum Operating Services Co., Inc.	248
5. Palisades	Hydroelectric	U S Bureau of Reclamation	176
6. Bennett Mountain	Gas	Idaho Power Co	164
7. Rathdrum	Gas	Avista Corporation	136
8. Lucky Peak Power Plant Project	Hydroelectric	Boise-Kuna Irrigation District	96
9. C J Strike	Hydroelectric	Idaho Power Co	89
10. Bliss	Hydroelectric	Idaho Power Co	80

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Idaho Power Co	Investor-Owned	12,612,582	4,569,023	3,485,290	4,558,269	0
2. Avista Corp.....	Investor-Owned	3,309,801	1,091,084	950,909	1,267,808	0
3. PacifiCorp.....	Investor-Owned	3,221,355	652,211	384,882	2,184,262	0
4. Idaho Falls City of.....	Public	651,095	272,395	298,422	80,278	0
5. Kootenai Electric Coop Inc	Cooperative	360,015	241,846	95,423	22,746	0
Total Sales, Top Five Providers		20,154,848	6,826,559	5,214,926	8,113,363	0
Percent of Total State Sales.....		92	90	93	94	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	2,282	2,559	2,585	2,659	2,690	2,439	2,394	2,558	87.9	80.9
Petroleum.....	56	6	6	5	5	5	5	5	2.1	0.2
Natural Gas	-	136	136	212	212	212	212	376	-	11.9
Hydroelectric	2,227	2,418	2,444	2,441	2,472	2,221	2,176	2,176	85.8	68.9
Independent Power Producers and Combined Heat and Power	314	415	432	577	574	563	592	602	12.1	19.1
Coal.....	12	18	18	15	16	17	17	17	0.5	0.5
Natural Gas	-	-	24	269	269	269	269	269	-	8.5
Hydroelectric	218	251	251	197	193	193	214	214	8.4	6.8
Other Renewables.....	69	130	125	81	81	70	77	88	2.7	2.8
Other	15	15	15	15	15	15	15	15	0.6	0.5
Total Electric Industry.....	2,596	2,974	3,017	3,236	3,264	3,002	2,986	3,160	100.0	100.0
Coal.....	12	18	18	15	16	17	17	17	0.5	0.5
Petroleum.....	56	6	6	5	5	5	5	5	2.1	0.2
Natural Gas	-	136	160	481	481	481	481	645	-	20.4
Hydroelectric	2,444	2,669	2,695	2,638	2,665	2,414	2,391	2,390	94.1	75.6
Other Renewables.....	69	130	125	81	81	70	77	88	2.7	2.8
Other	15	15	15	15	15	15	15	15	0.6	0.5

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Idaho										
Electric Utilities.....	8,617,977	10,062,854	10,114,257	6,666,589	8,164,140	7,732,812	7,765,655	8,032,438	88.9	74.2
Petroleum.....	615	311	2,792	3,723	65	116	136	5	*	*
Natural Gas.....	-	-	-	-	76,168	61,229	27,775	73,353	-	0.7
Hydroelectric.....	8,617,362	10,062,543	10,111,465	6,662,866	8,087,907	7,671,467	7,737,744	7,959,080	88.9	73.5
Independent Power Producers and Combined Heat and Power.....	1,073,498	1,781,751	1,796,185	2,680,352	1,622,793	2,690,124	3,097,384	2,792,546	11.1	25.8
Coal.....	44,371	47,527	70,675	72,284	90,673	90,290	100,100	95,181	0.5	0.9
Petroleum.....	379	253	4,156	-	-	-	-	-	*	-
Natural Gas.....	55,714	167,292	299,053	1,405,286	252,820	1,313,591	1,682,517	1,476,814	0.6	13.6
Hydroelectric.....	497,628	926,791	855,230	560,260	681,414	682,567	723,911	583,041	5.1	5.4
Other Renewables.....	410,203	549,608	483,258	533,335	508,303	540,953	573,736	577,040	4.2	5.3
Other.....	65,203	90,280	83,813	109,187	89,583	62,722	17,119	60,469	0.7	0.6
Total Electric Industry.....	9,691,475	11,844,605	11,910,442	9,346,941	9,786,933	10,422,936	10,863,039	10,824,984	100.0	100.0
Coal.....	44,371	47,527	70,675	72,284	90,673	90,290	100,100	95,181	0.5	0.9
Petroleum.....	994	564	6,948	3,723	65	116	136	5	*	*
Natural Gas.....	55,714	167,292	299,053	1,405,286	328,988	1,374,820	1,710,292	1,550,167	0.6	14.3
Hydroelectric.....	9,114,990	10,989,334	10,966,695	7,223,126	8,769,321	8,354,034	8,461,655	8,542,121	94.1	78.9
Other Renewables.....	410,203	549,608	483,258	533,335	508,303	540,953	573,736	577,040	4.2	5.3
Other.....	65,203	90,280	83,813	109,187	89,583	62,722	17,119	60,469	0.7	0.6

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Idaho								
Natural Gas (cents per million Btu)	-	-	-	-	W	W	W	W
Average heat value (Btu per cubic foot)	-	-	-	-	1,020	1,018	1,024	1,015

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Idaho								
Sulfur Dioxide								
Coal.....	6	5	6	1	3	3	4	2
Petroleum.....	*	-	*	*	*	-	-	-
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	3	3	3	3	3	3	3	3
Total.....	9	8	9	4	6	6	7	5
Nitrogen Oxide								
Coal.....	2	1	2	*	2	2	2	1
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	1	1	1	1	1	1	1
Other.....	1	1	1	1	1	1	1	1
Total.....	3	3	3	2	3	3	4	2
Carbon Dioxide								
Coal.....	312 ^R	321 ^R	334 ^R	266	460	498	484	493
Petroleum.....	2 ^R	1 ^R	18 ^R	3	*	*	*	*
Natural Gas.....	170 ^R	377 ^R	468 ^R	825	307	606	812	841
Other Renewables.....	-	42 ^R	-	-	-	-	-	-
Total.....	485 ^R	741 ^R	821 ^R	1,094	767	1,104	1,296	1,334

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Idaho										
Retail Sales (thousand megawatthours)										
Residential.....	5,626	6,193	7,006	6,906	7,056	7,090	7,314	7,601	31.3	34.8
Commercial.....	4,894	5,291	7,068	6,543	6,963	5,466	5,484	5,615	27.2	25.7
Industrial.....	7,165	7,843	8,408	7,305	6,352	8,663	9,011	8,636	39.8	39.5
Other.....	318	293	352	342	329	NA	NA	NA	1.8	NA
All Sectors.....	18,003	19,620	22,834	21,096	20,700	21,219	21,809	21,853	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	274	330	377	415	465	443	446	478	40.0	42.7
Commercial.....	208	237	300	336	398	304	294	304	30.4	27.2
Industrial.....	188	220	262	271	276	360	344	337	27.4	30.1
Other.....	15	15	15	16	17	NA	NA	NA	2.2	NA
All Sectors.....	685	802	953	1,037	1,156	1,107	1,085	1,120	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	4.87	5.33	5.39	6.01	6.59	6.24	6.10	6.29	NA	NA
Commercial.....	4.25	4.48	4.24	5.13	5.71	5.56	5.37	5.42	NA	NA
Industrial.....	2.62	2.81	3.11	3.71	4.34	4.16	3.82	3.91	NA	NA
Other.....	4.65	5.13	4.13	4.66	5.18	NA	NA	NA	NA	NA
All Sectors.....	3.80	4.09	4.17	4.92	5.58	5.22	4.97	5.12	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	3	11	NA	16	NA	NA	NA	30
Number of Retail Customers	608,009	40,480	NA	74,305	NA	NA	NA	722,794
Retail Sales (thousand megawatthours)	19,144	1,040	NA	1,669	NA	NA	NA	21,853
Percentage of Retail Sales	87.60	4.76	NA	7.64	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	948	66	NA	106	NA	NA	NA	1,120
Percentage of Revenue	84.66	5.90	NA	9.44	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	4.95	6.35	NA	6.34	NA	NA	NA	5.12

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Illinois		
NERC Region(s).....		MAIN/MRO/SERC
Primary Energy Source.....		Nuclear
Net Summer Capability (megawatts).....	42,530	5
Electric Utilities.....	3,437	36
Independent Power Producers & Combined Heat and Power.....	39,092	3
Net Generation (megawatthours).....	194,120,146	5
Electric Utilities.....	10,767,684	36
Independent Power Producers & Combined Heat and Power.....	183,352,460	3
Emissions (thousand metric tons)		
Sulfur Dioxide	351	12
Nitrogen Oxide	131	8
Carbon Dioxide.....	100,791	6
Sulfur Dioxide (lbs/MWh)	4.0	28
Nitrogen Oxide (lbs/MWh)	1.5	37
Carbon Dioxide (lbs/MWh).....	1,145	37
Total Retail Sales (megawatthours).....	144,986,215	7
Full Service Provider Sales (megawatthours)	117,048,497	8
Deregulated Sales (megawatthours)	27,937,718	2
Direct Use (megawatthours)	3,555,809	10
Average Retail Price (cents/kWh).....	6.95	29

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Illinois			
1. Braidwood Generation Station	Nuclear	Exelon Generation Co LLC	2,330
2. Byron Generating Station	Nuclear	Exelon Generation Co LLC	2,300
3. LaSalle Generating Station	Nuclear	Exelon Generation Co LLC	2,238
4. Baldwin Energy Complex	Coal	Dynegy Midwest Generation Inc	1,768
5. Quad Cities Generating Station	Nuclear	Exelon Generation Co LLC	1,734
5. Dresden Generating Station.....	Nuclear	Exelon Generation Co LLC	1,734
7. Powerton.....	Coal	Midwest Generations EME LLC	1,538
8. Elwood Energy LLC.....	Gas	Dominion Elwood Services Co	1,350
9. Kincaid Generation LLC	Coal	Dominion Energy Services Co	1,168
10. Kendall County Generation Facility.....	Gas	LSP-Kendall Energy LLC	1,140

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Commonwealth Edison Co.....	Investor-Owned	73,052,195	30,042,519	28,596,326	13,909,491	503,859
2. Illinois Power Co.....	Investor-Owned	15,860,576	5,888,469	4,940,038	5,031,997	72
3. Central Illinois Pub Serv Co.....	Investor-Owned	10,625,866	3,705,193	3,702,129	3,198,285	20,259
4. Constellation NewEnergy, Inc.....	Other Provider	9,234,172	0	2,262,751	6,971,421	0
5. Exelon Energy Company.....	Other Provider	6,257,184	0	6,257,184	0	0
Total Sales, Top Five Providers		115,029,993	39,636,181	45,758,428	29,111,194	524,190
Percent of Total State Sales.....		77	82	81	68	99

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	32,602	33,139	17,495	4,420	4,151	3,007	2,994	3,437	98.3	8.1
Coal.....	14,912	14,916	5,473	2,862	2,862	1,866	1,859	1,844	45.0	4.3
Petroleum.....	3,704	2,166	867	700	406	368	401	399	11.2	0.9
Natural Gas.....	1,368	3,442	1,229	846	871	761	722	1,180	4.1	2.8
Nuclear.....	12,609	12,609	9,915	-	-	-	-	-	38.0	-
Hydroelectric.....	10	6	12	12	12	12	12	12	*	*
Other Renewables.....	-	-	-	-	-	-	-	2	-	*
Independent Power Producers and Combined Heat and Power	548	693	18,849	35,648	40,558	42,534	39,038	39,092	1.7	91.9
Coal.....	266	352	10,754	12,937	12,792	13,795	13,832	13,945	0.8	32.8
Petroleum.....	10	2	534	1,016	1,013	930	754	754	*	1.8
Natural Gas.....	193	241	6,431	10,511	15,240	16,071	12,800	12,687	0.6	29.8
Other Gases.....	45	50	52	33	40	40	47	47	0.1	0.1
Nuclear.....	-	-	930	10,963	11,312	11,465	11,379	11,388	-	26.8
Hydroelectric.....	17	18	21	23	9	21	21	21	0.1	*
Other Renewables.....	18	31	126	165	154	213	204	251	0.1	0.6
Total Electric Industry.....	33,151	33,832	36,344	40,068	44,709	45,541	42,032	42,530	100.0	100.0
Coal.....	15,178	15,268	16,227	15,799	15,654	15,661	15,691	15,789	45.8	37.1
Petroleum.....	3,713	2,168	1,401	1,716	1,418	1,298	1,155	1,154	11.2	2.7
Natural Gas.....	1,562	3,683	7,660	11,357	16,111	16,832	13,522	13,867	4.7	32.6
Other Gases.....	45	50	52	33	40	40	47	47	0.1	0.1
Nuclear.....	12,609	12,609	10,845	10,963	11,312	11,465	11,379	11,388	38.0	26.8
Hydroelectric.....	26	24	33	35	21	33	33	33	0.1	0.1
Other Renewables.....	18	31	126	165	154	213	204	252	0.1	0.6

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Illinois										
Electric Utilities.....	126,977,389	145,165,161	113,565,741	29,835,014	17,149,913	9,563,746	19,184,751	10,767,684	98.1	5.5
Coal.....	53,865,768	62,735,936	30,522,951	29,124,508	16,897,445	9,390,702	18,923,288	10,103,378	41.6	5.2
Petroleum.....	422,553	888,462	141,130	99,445	34,464	48,792	120,725	137,746	0.3	0.1
Natural Gas.....	740,926	2,944,310	215,826	546,305	161,134	53,174	62,240	456,421	0.6	0.2
Nuclear.....	71,887,302	78,480,848	82,523,594	-	-	-	-	-	55.6	-
Hydroelectric.....	60,840	47,699	60,354	56,802	56,870	71,078	72,165	61,879	*	*
Other Renewables.....	-	67,906	101,886	4,534	-	-	6,333	8,260	-	*
Other.....	-	-	-	3,420	-	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	2,415,082	3,492,770	64,930,340	149,414,271	170,904,536	179,491,514	172,773,028	183,352,462	1.9	94.5
Coal.....	1,100,250	1,679,894	51,799,881	50,426,129	69,787,902	78,590,647	75,462,185	82,160,894	0.9	42.3
Petroleum.....	16,031	34,042	491,890	1,406,560	188,219	1,072,125	629,926	188,278	*	0.1
Natural Gas.....	678,965	1,030,068	4,449,737	4,059,988	8,917,601	3,849,288	3,314,532	6,659,888	0.5	3.4
Other Gases.....	381,562	396,906	384,398	355,776	232,850	203,627	290,522	198,787	0.3	0.1
Nuclear.....	-	-	6,914,455	92,358,477	90,860,108	94,733,036	92,047,323	93,263,001	-	48.0
Hydroelectric.....	83,086	76,237	83,474	87,225	71,952	67,422	81,364	67,158	0.1	*
Other Renewables.....	155,188	275,623	806,505	674,036	723,508	818,951	815,536	774,662	0.1	0.4
Other.....	-	-	-	46,080	122,396	156,418	131,640	39,792	-	*
Total Electric Industry.....	129,392,471	148,657,931	178,496,081	179,249,285	188,054,449	189,055,260	191,957,779	194,120,146	100.0	100.0
Coal.....	54,966,018	64,415,830	82,322,832	79,550,637	86,685,347	87,981,349	94,385,473	92,264,272	42.5	47.5
Petroleum.....	438,584	922,504	633,020	1,506,005	222,683	1,120,917	750,651	326,024	0.3	0.2
Natural Gas.....	1,419,891	3,974,378	4,665,563	4,606,293	9,078,735	3,902,462	3,376,772	7,116,309	1.1	3.7
Other Gases.....	381,562	396,906	384,398	355,776	232,850	203,627	290,522	198,787	0.3	0.1
Nuclear.....	71,887,302	78,480,848	89,438,049	92,358,477	90,860,108	94,733,036	92,047,323	93,263,001	55.6	48.0
Hydroelectric.....	143,926	123,936	143,828	144,027	128,822	138,500	153,529	129,037	0.1	0.1
Other Renewables.....	155,188	343,529	908,391	678,569	723,508	818,951	821,869	782,922	0.1	0.4
Other.....	-	-	-	49,501	122,396	156,418	131,640	39,792	-	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Illinois								
Coal (cents per million Btu)	175.1	163.4	115.1	119.2	118.5	115.9	114.9	119.0
Average heat value (Btu per pound)	10,789	9,970	9,690	9,555	9,253	9,176	9,120	9,015
Average sulfur Content (percent)	2.1	1.1	1.1	1.1	0.7	0.7	0.7	0.6
Petroleum (cents per million Btu)	394.7	232.0	324.1	578.7	524.5	539.9	463.9	1,286.2
Average heat value (Btu per gallon)	148,831	124,129	96,874	153,333	140,345	147,876	143,595	137,405
Average sulfur Content (percent)	0.6	1.8	2.2	0.3	0.2	0.5	1.9	0.7
Natural Gas (cents per million Btu)	267.0	168.0	469.1	368.5	342.7	567.4	637.6	872.8
Average heat value (Btu per cubic foot)	1,021	1,016	1,031	1,010	1,022	1,016	1,013	1,019

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Illinois								
Sulfur Dioxide								
Coal.....	845	599	419	402	367	369	384	351
Petroleum.....	4	13	17	7	1	4	2	1
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	-	*	*	*	1	1	1	*
Total.....	849	612	437	409	369	374	387	351
Nitrogen Oxide								
Coal.....	330	373	226	188	164	137	136	121
Petroleum.....	1	2	2	2	*	2	1	*
Natural Gas.....	4	7	7	8	9	6	6	4
Other.....	1	2	4	7	6	6	6	6
Total.....	336	384	238	205	179	151	149	131
Carbon Dioxide								
Coal.....	57,617 ^R	68,051 ^R	87,971 ^R	87,039	90,004	90,908	97,791	96,292
Petroleum.....	1,064 ^R	1,100 ^R	978 ^R	1,523	211	1,111	794	358
Natural Gas.....	1,344 ^R	3,458 ^R	4,182 ^R	3,162	5,285	2,778	2,528	4,077
Other Renewables.....	-	113 ^R	214 ^R	71	129	160	134	63
Total.....	60,024 ^R	72,723 ^R	93,345 ^R	91,795	95,629	94,957	101,246	100,791

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Illinois										
Retail Sales (thousand megawatthours)										
Residential.....	32,871	38,386	40,146	41,820	45,030	43,161	43,443	48,593	29.5	33.5
Commercial.....	31,734	37,217	43,855	43,135	44,244	49,561	47,358	49,977	28.4	34.5
Industrial.....	39,299	42,251	40,939	40,780	39,288	43,042	48,008	45,888	35.2	31.7
Other.....	7,672	8,377	9,756	10,298	9,886	NA	NA	NA	6.9	NA
Transportation.....	NA	NA	NA	NA	NA	484	445	528	NA	0.4
All Sectors.....	111,577	126,231	134,697	136,034	138,447	136,248	139,254	144,986	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	3,260	3,982	3,546	3,645	3,778	3,616	3,638	4,055	39.0	40.3
Commercial.....	2,465	2,933	3,207	3,194	3,326	3,618	3,570	3,875	29.5	38.5
Industrial.....	2,122	2,227	2,043	1,896	1,920	2,092	2,232	2,115	25.4	21.0
Other.....	514	570	549	656	581	NA	NA	NA	6.1	NA
Transportation.....	NA	NA	NA	NA	NA	28	25	30	NA	0.3
All Sectors.....	8,361	9,712	9,345	9,391	9,605	9,353	9,465	10,074	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	9.92	10.37	8.83	8.71	8.39	8.38	8.37	8.34	NA	NA
Commercial.....	7.77	7.88	7.31	7.40	7.52	7.30	7.54	7.75	NA	NA
Industrial.....	5.40	5.27	4.99	4.65	4.89	4.86	4.65	4.61	NA	NA
Other.....	6.70	6.80	5.63	6.37	5.88	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	5.87	5.70	5.61	NA	NA
All Sectors.....	7.49	7.69	6.94	6.90	6.94	6.86	6.80	6.95	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	9	41	NA	27	NA	10	6	93
Number of Retail Customers	5,045,415	257,672	NA	265,878	NA	12,455	NA	5,581,420
Retail Sales (thousand megawatthours)	105,165	6,821	NA	5,063	NA	27,938	NA	144,986
Percentage of Retail Sales	72.53	4.70	NA	3.49	NA	19.27	NA	100.00
Revenue from Retail Sales (million dollars)	7,697	461	NA	463	NA	1,105	348	10,074
Percentage of Revenue	76.40	4.57	NA	4.60	NA	10.97	3.46	100.00
Average Retail Price (cents/kWh)	7.14	6.76	NA	9.15	NA	3.95	1.25	6.95

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Indiana		
NERC Region(s).....		ECAR
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	26,984	13
Electric Utilities.....	21,420	10
Independent Power Producers & Combined Heat and Power.....	5,564	20
Net Generation (megawatthours).....	130,371,573	10
Electric Utilities.....	117,373,699	6
Independent Power Producers & Combined Heat and Power.....	12,997,874	23
Emissions (thousand metric tons)		
Sulfur Dioxide	802	3
Nitrogen Oxide	204	4
Carbon Dioxide.....	122,095	5
Sulfur Dioxide (lbs/MWh)	13.6	2
Nitrogen Oxide (lbs/MWh)	3.5	15
Carbon Dioxide (lbs/MWh).....	2,065	5
Total Retail Sales (megawatthours).....	106,548,910	12
Full Service Provider Sales (megawatthours)	106,548,910	10
Direct Use (megawatthours)	7,344,408	4
Average Retail Price (cents/kWh).....	5.88	45

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Indiana			
1. Gibson.....	Coal	PSI Energy Inc	3,131
2. Rockport	Coal	Indiana Michigan Power Co	2,600
3. R M Schahfer.....	Coal	Northern Indiana Pub Serv Co	1,780
4. AES Petersburg.....	Coal	Indianapolis Power & Light Co	1,730
5. Clifty Creek	Coal	Indiana-Kentucky Electric Corp	1,196
6. Cayuga	Coal	PSI Energy Inc	1,104
7. Harding Street.....	Coal	Indianapolis Power & Light Co	1,102
8. PSEG Lawrenceburg Energy Facility	Gas	PSEG Lawrenceburg Engy Co LLC	1,082
9. Merom	Coal	Hoosier Energy R E C Inc	1,000
10. Tanners Creek.....	Coal	Indiana Michigan Power Co	995

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. PSI Energy Inc.....	Investor-Owned	28,861,760	9,069,635	8,153,097	11,639,028	0
2. Northern Indiana Pub Serv Co	Investor-Owned	16,655,716	3,516,122	3,990,718	9,131,609	17,267
3. Indiana Michigan Power Co.....	Investor-Owned	16,133,785	4,738,238	4,376,956	7,018,591	0
4. Indianapolis Power & Light Co.....	Investor-Owned	15,137,100	5,314,159	2,082,662	7,740,279	0
5. Southern Indiana Gas & Elec Co.....	Investor-Owned	5,528,678	1,571,340	1,568,561	2,388,777	0
Total Sales, Top Five Providers		82,317,039	24,209,494	20,171,994	37,918,284	17,267
Percent of Total State Sales.....		77	72	84	77	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	20,588	20,712	20,554	20,616	20,802	21,016	21,126	21,420	96.4	79.4
Coal.....	19,556	18,844	18,734	18,734	18,530	18,400	18,426	18,455	91.6	68.4
Petroleum.....	479	486	471	471	473	474	479	479	2.2	1.8
Natural Gas.....	487	1,087	1,290	1,353	1,741	2,082	2,162	2,416	2.3	9.0
Hydroelectric.....	66	68	59	58	59	59	59	60	0.3	0.2
Other Renewables.....	-	-	-	-	-	-	-	10	-	*
Independent Power Producers and Combined Heat and Power	768	812	3,378	3,553	4,450	4,626	5,608	5,564	3.6	20.6
Coal.....	206	236	657	723	1,410	1,416	1,290	1,290	1.0	4.8
Petroleum.....	8	13	20	11	10	10	11	11	*	*
Natural Gas.....	239	231	2,029	2,210	2,485	2,668	3,664	3,638	1.1	13.5
Other Gases.....	307	318	639	589	525	512	624	617	1.4	2.3
Other Renewables.....	6	14	32	21	21	19	19	9	*	*
Total Electric Industry.....	21,356	21,524	23,932	24,169	25,252	25,641	26,734	26,984	100.0	100.0
Coal.....	19,763	19,080	19,391	19,457	19,940	19,816	19,716	19,745	92.5	73.2
Petroleum.....	487	499	492	482	483	484	490	490	2.3	1.8
Natural Gas.....	726	1,318	3,320	3,562	4,226	4,750	5,826	6,054	3.4	22.4
Other Gases.....	307	546	639	589	525	512	624	617	1.4	2.3
Hydroelectric.....	66	68	59	58	59	59	59	60	0.3	0.2
Other Renewables.....	6	14	32	21	21	19	19	19	*	0.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Indiana										
Electric Utilities.....	97,738,497	105,188,892	119,721,399	114,666,355	112,029,989	112,395,725	114,690,471	117,373,699	96.4	90.0
Coal.....	96,012,872	103,774,522	117,619,535	113,135,350	109,441,044	109,839,659	112,899,892	115,413,188	94.7	88.5
Petroleum.....	673,984	213,051	845,481	371,623	470,976	407,648	393,135	244,554	0.7	0.2
Natural Gas.....	610,620	734,058	668,107	588,690	1,706,699	1,724,465	953,723	1,277,675	0.6	1.0
Hydroelectric.....	441,021	467,261	588,276	570,692	411,270	423,953	443,721	438,282	0.4	0.3
Independent Power Producers and Combined Heat and Power.....	3,678,619	3,967,954	8,098,117	7,903,318	13,578,150	12,492,493	13,079,926	12,997,874	3.6	10.0
Coal.....	912,682	913,544	3,858,349	2,931,162	8,218,656	7,916,625	7,741,075	7,403,831	0.9	5.7
Petroleum.....	194,054	129,570	124,040	119,859	146,156	47,640	57,026	34,484	0.2	*
Natural Gas.....	860,217	719,505	1,386,509	1,742,970	2,075,752	1,324,971	1,489,672	2,346,241	0.8	1.8
Other Gases.....	1,674,549	2,120,995	2,599,337	2,978,809	3,005,998	2,592,257	3,115,085	2,702,750	1.7	2.1
Other Renewables.....	37,117	84,340	129,882	114,580	115,946	119,138	137,515	67,779	*	0.1
Other.....	-	-	-	15,938	15,642	491,864	539,552	442,789	-	0.3
Total Electric Industry.....	101,417,116	109,156,846	127,819,516	122,569,673	125,608,139	124,888,218	127,770,397	130,371,573	100.0	100.0
Coal.....	96,925,554	104,688,066	121,477,884	116,066,512	117,659,700	117,756,284	120,640,967	122,817,019	95.6	94.2
Petroleum.....	868,038	342,621	969,521	491,482	617,132	455,288	450,161	279,038	0.9	0.2
Natural Gas.....	1,470,837	1,453,563	2,054,616	2,331,660	3,782,451	3,049,436	2,443,395	3,623,916	1.5	2.8
Other Gases.....	1,674,549	2,120,995	2,599,337	2,978,809	3,005,998	2,592,257	3,115,085	2,702,750	1.7	2.1
Hydroelectric.....	441,021	467,261	588,276	570,692	411,270	423,953	443,721	438,282	0.4	0.3
Other Renewables.....	37,117	84,340	129,882	114,580	115,946	119,138	137,515	67,779	*	0.1
Other.....	-	-	-	15,938	15,642	491,864	539,552	442,789	-	0.3

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Indiana								
Coal (cents per million Btu)	136.2	125.5	108.0	113.7	W	W	W	W
Average heat value (Btu per pound)	10,562	10,338	10,604	10,540	10,593	10,550	10,601	10,756
Average sulfur Content (percent)	2.1	1.6	1.5	1.4	1.5	1.5	1.5	1.7
Petroleum (cents per million Btu)	191.4	297.5	244.8	220.1	W	W	W	W
Average heat value (Btu per gallon)	89,740	115,914	90,071	149,762	142,836	138,660	135,267	139,405
Average sulfur Content (percent)	4.1	1.5	3.0	3.1	2.0	2.3	2.3	0.6
Natural Gas (cents per million Btu)	258.0	244.1	445.3	507.0	323.5	615.9	620.5	851.5
Average heat value (Btu per cubic foot)	1,002	1,021	1,023	1,050	1,016	1,014	1,011	1,018

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Indiana								
Sulfur Dioxide								
Coal.....	1,273	833	809	732	715	741	795	801
Petroleum.....	3	*	3	3	2	1	*	*
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	*	*	*	*	1	1	1	*
Total.....	1,277	834	811	735	718	743	796	802
Nitrogen Oxide								
Coal.....	484	487	309	286	255	237	206	190
Petroleum.....	1	1	1	1	*	*	*	*
Natural Gas.....	4	3	22	3	4	3	2	2
Other.....	1	1	1	7	9	16	8	12
Total.....	490	492	332	298	269	257	216	204
Carbon Dioxide								
Coal.....	94,414 ^R	102,213 ^R	118,435 ^R	113,671	111,766	113,940	116,752	119,165
Petroleum.....	1,293 ^R	570 ^R	1,229 ^R	671	837	517	491	272
Natural Gas.....	1,863 ^R	1,383 ^R	2,555 ^R	2,432	2,342	1,773	1,661	2,362
Other Renewables.....	297 ^R	302 ^R	285 ^R	295	294	307	305	295
Total.....	97,867 ^R	104,469 ^R	122,503 ^R	117,069	115,239	116,538	119,208	122,095

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Indiana										
Retail Sales (thousand megawatthours)										
Residential.....	22,111	26,560	28,649	29,420	31,568	30,726	31,192	33,629	29.9	31.6
Commercial.....	15,502	18,123	20,468	25,551	21,790	22,441	22,957	23,959	21.0	22.5
Industrial.....	35,743	41,777	48,040	42,080	47,481	47,284	48,928	48,944	48.3	45.9
Other.....	626	546	618	684	589	NA	NA	NA	0.8	NA
Transportation.....	NA	NA	NA	NA	NA	16	17	17	NA	*
All Sectors.....	73,982	87,006	97,775	97,734	101,429	100,468	103,094	106,549	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	1,519	1,790	1,967	2,037	2,183	2,162	2,277	2,523	38.3	40.3
Commercial.....	938	1,072	1,214	1,351	1,303	1,374	1,448	1,573	23.7	25.1
Industrial.....	1,456	1,645	1,829	1,728	1,877	1,855	2,022	2,165	36.7	34.6
Other.....	51	50	58	62	57	NA	NA	NA	1.3	NA
Transportation.....	NA	NA	NA	NA	NA	1	1	2	NA	*
All Sectors.....	3,964	4,557	5,068	5,177	5,420	5,393	5,749	6,262	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	6.87	6.74	6.87	6.92	6.91	7.04	7.30	7.50	NA	NA
Commercial.....	6.05	5.92	5.93	5.29	5.98	6.12	6.31	6.57	NA	NA
Industrial.....	4.07	3.94	3.81	4.11	3.95	3.92	4.13	4.42	NA	NA
Other.....	8.08	9.12	9.37	9.06	9.75	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	8.36	8.76	9.14	NA	NA
All Sectors.....	5.36	5.24	5.18	5.30	5.34	5.37	5.58	5.88	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	6	72	NA	41	NA	NA	NA	119
Number of Retail Customers	2,268,001	257,654	NA	512,532	NA	NA	NA	3,038,187
Retail Sales (thousand megawatthours)	86,913	7,879	NA	11,757	NA	NA	NA	106,549
Percentage of Retail Sales	81.57	7.39	NA	11.03	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	4,961	471	NA	830	NA	NA	NA	6,262
Percentage of Revenue	79.23	7.52	NA	13.25	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	5.71	5.98	NA	7.06	NA	NA	NA	5.88

Indiana

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Iowa		
NERC Region(s).....		MAIN/MRO
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	11,087	31
Electric Utilities.....	10,095	24
Independent Power Producers & Combined Heat and Power.....	993	40
Net Generation (megawatthours).....	44,156,159	34
Electric Utilities.....	41,559,024	24
Independent Power Producers & Combined Heat and Power.....	2,597,135	41
Emissions (thousand metric tons)		
Sulfur Dioxide	136	20
Nitrogen Oxide	75	24
Carbon Dioxide.....	40,207	25
Sulfur Dioxide (lbs/MWh)	6.8	14
Nitrogen Oxide (lbs/MWh)	3.7	10
Carbon Dioxide (lbs/MWh).....	2,007	8
Total Retail Sales (megawatthours).....	42,756,808	31
Full Service Provider Sales (megawatthours)	42,756,808	30
Direct Use (megawatthours)	1,305,629	22
Average Retail Price (cents/kWh).....	6.69	33

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Iowa			
1. George Neal North.....	Coal	MidAmerican Energy Co	950
2. Council Bluffs.....	Coal	MidAmerican Energy Co	823
3. Louisa	Coal	MidAmerican Energy Co	700
4. Ottumwa	Coal	Interstate Power and Light Co	670
5. George Neal South.....	Coal	MidAmerican Energy Co	644
6. Duane Arnold	Nuclear	Interstate Power and Light Co	581
7. Emery Station	Gas	Interstate Power and Light Co	556
8. Greater Des Moines	Gas	MidAmerican Energy Co	491
9. Lansing	Coal	Interstate Power and Light Co	331
10. Burlington.....	Coal	Interstate Power and Light Co	278

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. MidAmerican Energy Co	Investor-Owned	16,949,224	5,141,653	4,904,348	6,903,223	0
2. Interstate Power and Light Co.....	Investor-Owned	15,019,361	3,873,357	3,624,827	7,521,177	0
3. Eastern Iowa Light & Power Coop	Cooperative	1,080,650	275,434	35,911	769,305	0
4. Board of Water Electric & Communications	Public	868,568	101,848	180,397	586,323	0
5. Ames City of.....	Public	600,986	156,018	251,485	193,483	0
Total Sales, Top Five Providers		34,518,789	9,548,310	8,996,968	15,973,511	0
Percent of Total State Sales.....		81	70	80	89	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	7,952	8,237	8,508	8,352	8,407	9,093	9,895	10,095	95.7	91.0
Coal.....	5,860	5,995	5,920	5,668	5,620	5,666	5,741	5,705	70.6	51.5
Petroleum.....	399	491	1,001	1,012	980	912	908	939	4.8	8.5
Natural Gas.....	1,038	1,089	932	916	1,007	1,710	2,381	2,376	12.5	21.4
Nuclear.....	530	528	520	520	566	562	563	581	6.4	5.2
Hydroelectric.....	124	134	131	129	129	136	138	129	1.5	1.2
Other Renewables.....	-	*	4	107	107	107	165	364	-	3.3
Independent Power Producers and Combined Heat and Power	353	356	587	831	931	981	978	993	4.3	9.0
Coal.....	232	288	298	419	419	420	417	432	2.8	3.9
Petroleum.....	55	53	78	81	82	89	89	89	0.7	0.8
Natural Gas.....	61	3	3	3	4	5	5	5	0.7	*
Hydroelectric.....	5	5	5	2	2	2	2	2	0.1	*
Other Renewables.....	-	6	202	324	422	466	466	466	-	4.2
Total Electric Industry.....	8,306	8,593	9,095	9,183	9,338	10,074	10,873	11,087	100.0	100.0
Coal.....	6,092	6,283	6,218	6,088	6,039	6,086	6,157	6,137	73.4	55.3
Petroleum.....	454	544	1,079	1,093	1,062	1,000	996	1,028	5.5	9.3
Natural Gas.....	1,099	1,093	935	920	1,011	1,715	2,386	2,381	13.2	21.5
Nuclear.....	530	528	520	520	566	562	563	581	6.4	5.2
Hydroelectric.....	130	139	136	131	131	138	140	131	1.6	1.2
Other Renewables.....	-	7	206	431	529	573	630	830	-	7.5

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Iowa										
Electric Utilities.....	29,047,940	33,501,928	39,634,091	38,755,520	40,051,665	39,485,141	40,578,049	41,559,024	96.7	94.1
Coal.....	24,879,567	28,426,101	33,851,496	33,471,603	34,033,119	34,288,694	33,757,265	32,807,567	82.8	74.3
Petroleum.....	51,315	57,750	95,631	94,796	55,552	91,173	99,255	140,559	0.2	0.3
Natural Gas.....	231,263	277,324	323,197	454,476	406,796	279,206	814,295	2,473,558	0.8	5.6
Nuclear.....	3,011,572	3,729,970	4,452,884	3,852,722	4,573,958	3,987,657	4,928,948	4,538,313	10.0	10.3
Hydroelectric.....	856,848	991,088	891,344	830,258	936,688	780,322	936,999	950,094	2.9	2.2
Other Renewables.....	17,375	19,695	19,539	43,957	45,552	48,464	29,404	637,360	0.1	1.4
Other.....	-	-	-	7,708	-	9,625	11,883	11,573	-	*
Independent Power Producers and Combined Heat and Power.....	996,566	1,251,000	1,907,919	1,902,992	2,476,720	2,631,051	2,670,140	2,597,135	3.3	5.9
Coal.....	872,374	983,603	1,215,597	1,193,492	1,338,940	1,531,251	1,515,020	1,444,825	2.9	3.3
Petroleum.....	3,156	8,111	6,246	7,832	8,312	10,162	9,309	8,977	*	*
Natural Gas.....	102,127	202,565	110,567	138,376	147,923	33,690	10,376	7,284	0.3	*
Hydroelectric.....	18,266	11,886	12,666	14,896	9,695	8,271	8,960	9,432	0.1	*
Other Renewables.....	643	44,835	562,843	547,655	971,616	1,047,676	1,126,476	1,126,617	*	2.6
Other.....	-	-	-	741	234	-	-	-	-	-
Total Electric Industry.....	30,044,506	34,752,928	41,542,010	40,658,512	42,528,385	42,116,192	43,248,189	44,156,159	100.0	100.0
Coal.....	25,751,941	29,409,704	35,067,093	34,665,095	35,372,059	35,819,945	35,272,285	34,252,392	85.7	77.6
Petroleum.....	54,471	65,861	101,877	102,628	63,864	101,335	108,564	149,536	0.2	0.3
Natural Gas.....	333,390	479,889	433,764	592,852	554,719	312,896	824,671	2,480,842	1.1	5.6
Nuclear.....	3,011,572	3,729,970	4,452,884	3,852,722	4,573,958	3,987,657	4,928,948	4,538,313	10.0	10.3
Hydroelectric.....	875,114	1,002,974	904,010	845,154	946,383	788,593	945,959	959,526	2.9	2.2
Other Renewables.....	18,018	64,530	582,382	591,612	1,017,168	1,096,140	1,155,880	1,763,977	0.1	4.0
Other.....	-	-	-	8,449	234	9,625	11,883	11,573	-	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Iowa								
Coal (cents per million Btu)	111.8	98.7	81.6	81.4	W	W	W	W
Average heat value (Btu per pound)	8,892	8,678	8,626	9,000	8,648	8,705	8,665	8,668
Average sulfur Content (percent)	0.7	0.5	0.4	0.4	0.4	0.4	0.4	0.4
Petroleum (cents per million Btu)	518.1	96.3	643.1	617.1	579.0	634.6	459.0	1,077.1
Average heat value (Btu per gallon)	137,943	77,324	138,731	139,524	139,667	139,171	137,162	139,200
Average sulfur Content (percent)	0.1	5.1	0.1	*	*	*	2.1	0.3
Natural Gas (cents per million Btu)	304.5	271.0	454.7	477.1	W	593.3	712.5	878.0
Average heat value (Btu per cubic foot)	1,006	1,005	1,003	1,010	1,002	1,004	1,003	1,007

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Iowa								
Sulfur Dioxide								
Coal.....	182	171	148	139	134	138	135	135
Petroleum.....	*	12	1	1	1	1	1	1
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	*	*	*	*	*	*	*	*
Total.....	183	183	149	140	135	139	136	136
Nitrogen Oxide								
Coal.....	151	161	85	76	76	76	76	71
Petroleum.....	*	1	*	1	1	1	1	1
Natural Gas.....	1	2	1	2	2	1	1	1
Other.....	*	*	*	1	1	1	1	1
Total.....	152	164	87	79	80	79	79	75
Carbon Dioxide								
Coal.....	28,927 ^R	33,277 ^R	40,362 ^R	39,847	39,894	40,202	40,577	38,873
Petroleum.....	61 ^R	78 ^R	113 ^R	114	81	121	137	177
Natural Gas.....	510 ^R	915 ^R	766 ^R	890	935	296	464	1,144
Other Renewables.....	1 ^R	1 ^R	3 ^R	10	1	15	17	12
Total.....	29,500 ^R	34,270 ^R	41,244 ^R	40,861	40,912	40,634	41,196	40,207

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Iowa										
Retail Sales (thousand megawatthours)										
Residential.....	10,513	11,640	12,029	12,430	12,921	12,768	12,625	13,571	35.7	31.7
Commercial.....	6,727	7,607	8,375	8,512	8,803	11,637	10,840	11,271	22.9	26.4
Industrial.....	11,392	13,771	17,127	16,238	16,548	16,803	17,437	17,915	38.7	41.9
Other.....	804	1,284	1,558	2,264	2,626	NA	NA	NA	2.7	NA
All Sectors.....	29,437	34,301	39,088	39,444	40,898	41,207	40,903	42,757	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	821	959	1,007	1,045	1,079	1,094	1,132	1,258	47.1	44.0
Commercial.....	422	490	551	570	578	726	731	783	24.2	27.4
Industrial.....	453	542	665	679	672	699	756	818	26.0	28.6
Other.....	49	79	95	128	129	NA	NA	NA	2.8	NA
All Sectors.....	1,745	2,069	2,319	2,422	2,458	2,519	2,619	2,859	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.81	8.24	8.37	8.41	8.35	8.57	8.96	9.27	NA	NA
Commercial.....	6.27	6.44	6.57	6.69	6.56	6.24	6.75	6.95	NA	NA
Industrial.....	3.98	3.94	3.89	4.18	4.06	4.16	4.33	4.56	NA	NA
Other.....	6.04	6.13	6.13	5.67	4.92	NA	NA	NA	NA	NA
All Sectors.....	5.93	6.03	5.93	6.14	6.01	6.11	6.40	6.69	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	3	137	NA	43	NA	NA	NA	183
Number of Retail Customers	1,093,384	205,097	NA	211,535	NA	NA	NA	1,510,016
Retail Sales (thousand megawatthours)	32,062	5,268	NA	5,427	NA	NA	NA	42,757
Percentage of Retail Sales	74.99	12.32	NA	12.69	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	2,113	335	NA	411	NA	NA	NA	2,859
Percentage of Revenue	73.91	11.72	NA	14.37	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	6.59	6.36	NA	7.57	NA	NA	NA	6.69

Iowa

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Kansas		
NERC Region(s).....		SPP
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	11,029	33
Electric Utilities.....	10,734	21
Independent Power Producers & Combined Heat and Power.....	295	47
Net Generation (megawatthours).....	45,862,696	31
Electric Utilities.....	45,421,033	21
Independent Power Producers & Combined Heat and Power.....	441,663	47
Emissions (thousand metric tons)		
Sulfur Dioxide	124	23
Nitrogen Oxide	82	21
Carbon Dioxide.....	37,642	27
Sulfur Dioxide (lbs/MWh)	6.0	19
Nitrogen Oxide (lbs/MWh)	3.9	9
Carbon Dioxide (lbs/MWh).....	1,809	15
Total Retail Sales (megawatthours).....	39,024,283	32
Full Service Provider Sales (megawatthours)	39,024,283	32
Direct Use (megawatthours)	5,389	49
Average Retail Price (cents/kWh).....	6.55	37

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Kansas			
1. Jeffrey Energy Center	Coal	Westar Energy	2,210
2. La Cygne.....	Coal	Kansas City Power & Light Co	1,422
3. Wolf Creek Generating Station	Nuclear	Wolf Creek Nuclear Optg Corp	1,166
4. Gordon Evans Energy Center	Petroleum	Kansas Gas & Electric Co	834
5. Lawrence Energy Center	Coal	Westar Energy	539
6. Hutchinson Energy Center	Petroleum	Westar Energy	476
7. Holcomb	Coal	Sunflower Electric Power Corp	360
8. Murray Gill	Petroleum	Kansas Gas & Electric Co	317
9. West Gardner.....	Gas	Kansas City Power & Light Co	308
10. Quindaro	Coal	Kansas City City of	305

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Kansas						
1. Kansas Gas & Electric Co	Investor-Owned	9,628,686	3,033,093	2,978,428	3,617,165	0
2. Westar Energy Inc	Investor-Owned	9,588,141	3,350,761	4,273,357	1,964,023	0
3. Kansas City Power & Light Co	Investor-Owned	6,298,464	2,799,154	3,053,531	445,779	0
4. City of Kansas City.....	Public	2,389,708	563,531	900,721	925,456	0
5. Aquila Inc	Investor-Owned	1,891,714	486,116	606,073	799,525	0
Total Sales, Top Five Providers		29,796,713	10,232,655	11,812,110	7,751,948	0
Percent of Total State Sales		76	76	82	69	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Kansas										
Electric Utilities.....	9,578	9,675	10,086	10,223	10,244	10,731	10,705	10,734	99.6	97.3
Coal.....	5,064	5,244	5,295	5,295	5,310	5,265	5,222	5,250	52.6	47.6
Petroleum.....	204	217	522	652	546	564	587	583	2.1	5.3
Natural Gas	3,173	3,048	3,099	3,106	3,219	3,735	3,729	3,734	33.0	33.9
Nuclear.....	1,135	1,167	1,170	1,170	1,170	1,165	1,166	1,166	11.8	10.6
Hydroelectric	2	-	-	-	-	-	-	-	*	-
Other Renewables.....	*	-	-	-	-	2	1	1	*	*
Independent Power Producers and Combined Heat and Power	43	49	48	153	152	145	145	295	0.4	2.7
Petroleum.....	4	4	1	4	4	-	-	-	*	-
Natural Gas	38	43	44	34	33	31	31	31	0.4	0.3
Hydroelectric	*	2	3	2	2	3	3	3	*	*
Other Renewables.....	-	-	-	112	112	112	112	262	-	2.4
Total Electric Industry.....	9,621	9,725	10,134	10,376	10,396	10,876	10,850	11,029	100.0	100.0
Coal.....	5,064	5,244	5,295	5,295	5,310	5,265	5,222	5,250	52.6	47.6
Petroleum.....	209	221	523	656	550	564	587	583	2.2	5.3
Natural Gas	3,211	3,090	3,143	3,140	3,252	3,766	3,759	3,764	33.4	34.1
Nuclear.....	1,135	1,167	1,170	1,170	1,170	1,165	1,166	1,166	11.8	10.6
Hydroelectric	3	2	3	2	2	3	3	3	*	*
Other Renewables.....	*	-	-	112	112	114	113	263	*	2.4

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Kansas										
Electric Utilities.....	33,868,644	38,230,483	44,764,909	44,642,712	46,691,936	46,155,505	46,409,328	45,421,033	99.1	99.0
Coal.....	23,720,258	25,896,959	32,507,051	31,768,001	35,369,189	35,109,616	34,593,346	34,480,731	69.4	75.2
Petroleum.....	65,744	73,764	420,746	616,418	508,857	963,751	853,742	986,378	0.2	2.2
Natural Gas.....	2,196,341	2,197,557	2,776,278	1,911,642	1,772,188	1,190,819	826,668	1,132,201	6.4	2.5
Nuclear.....	7,874,487	10,062,177	9,060,834	10,346,651	9,041,702	8,889,667	10,132,736	8,820,945	23.0	19.2
Hydroelectric.....	11,769	-	-	-	-	-	-	-	*	-
Other Renewables.....	45	26	-	-	-	1,651	2,835	778	*	*
Independent Power Producers and Combined Heat and Power.....	316,213	190,222	50,996	105,811	496,510	412,056	373,331	441,663	0.9	1.0
Petroleum.....	8,282	2,100	626	759	221	381	-	30	*	*
Natural Gas.....	306,466	176,908	35,038	39,658	16,864	34,951	4,987	5,251	0.9	*
Hydroelectric.....	1,465	11,214	15,332	25,562	12,746	12,435	12,547	11,337	*	*
Other Renewables.....	-	-	-	39,832	466,679	364,288	355,797	425,045	-	0.9
Total Electric Industry.....	34,184,857	38,420,705	44,815,905	44,748,523	47,188,446	46,567,561	46,782,659	45,862,696	100.0	100.0
Coal.....	23,720,258	25,896,959	32,507,051	31,768,001	35,369,189	35,109,616	34,593,346	34,480,731	69.4	75.2
Petroleum.....	74,026	75,864	421,372	617,177	509,078	964,132	853,742	986,408	0.2	2.2
Natural Gas.....	2,502,807	2,374,465	2,811,316	1,951,300	1,789,052	1,225,770	831,655	1,137,452	7.3	2.5
Nuclear.....	7,874,487	10,062,177	9,060,834	10,346,651	9,041,702	8,889,667	10,132,736	8,820,945	23.0	19.2
Hydroelectric.....	13,234	11,214	15,332	25,562	12,746	12,435	12,547	11,337	*	*
Other Renewables.....	45	26	-	39,832	466,679	365,939	358,632	425,823	*	0.9

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Kansas								
Coal (cents per million Btu)	124.2	102.1	98.5	104.8	98.3	101.5	102.8	112.2
Average heat value (Btu per pound)	8,948	8,730	8,672	8,700	8,571	8,619	8,626	8,569
Average sulfur Content (percent)	0.6	0.4	0.4	0.4	0.4	0.5	0.4	0.4
Petroleum (cents per million Btu)	540.4	212.2	400.0	336.1	272.7	361.7	406.8	555.9
Average heat value (Btu per gallon)	138,176	104,067	154,871	154,286	157,186	156,948	156,855	155,174
Average sulfur Content (percent)	0.1	2.8	1.5	1.6	1.6	1.6	1.7	1.8
Natural Gas (cents per million Btu)	175.8	161.0	414.2	357.8	309.4	529.6	545.9	770.3
Average heat value (Btu per cubic foot)	990	980	1,010	1,010	1,004	1,014	1,008	1,010

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Kansas								
Sulfur Dioxide								
Coal.....	77	64	103	103	113	119	104	112
Petroleum.....	1	*	3	6	5	9	8	12
Natural Gas.....	*	*	*	*	*	*	*	*
Total.....	78	64	105	109	118	128	112	124
Nitrogen Oxide								
Coal.....	120	134	77	72	83	82	81	77
Petroleum.....	*	*	1	2	1	3	2	3
Natural Gas.....	4	4	6	5	5	4	2	3
Total.....	125	138	83	79	89	88	85	82
Carbon Dioxide								
Coal.....	25,368 ^R	27,112 ^R	34,266 ^R	33,406	36,968	36,803	36,313	35,779
Petroleum.....	75 ^R	70 ^R	389 ^R	587	457	843	817	939
Natural Gas.....	1,662 ^R	1,610 ^R	1,898 ^R	1,365	1,149	837	597	925
Total.....	27,106 ^R	28,792 ^R	36,553 ^R	35,358	38,574	38,484	37,726	37,642

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Kansas										
Retail Sales (thousand megawatthours)										
Residential.....	9,515	10,356	12,528	12,062	12,745	12,602	12,417	13,406	35.0	34.4
Commercial.....	9,169	10,273	12,511	12,787	13,392	13,751	13,831	14,453	33.8	37.0
Industrial.....	8,087	9,356	10,222	10,569	10,195	10,382	10,879	11,165	29.8	28.6
Other.....	378	372	660	429	381	NA	NA	NA	1.4	NA
All Sectors.....	27,149	30,357	35,921	35,847	36,714	36,735	37,127	39,024	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	745	820	959	925	977	971	962	1,059	41.7	41.4
Commercial.....	609	687	782	793	841	882	893	954	34.1	37.3
Industrial.....	400	451	465	481	462	479	510	542	22.4	21.2
Other.....	31	34	48	38	35	NA	NA	NA	1.7	NA
All Sectors.....	1,785	1,992	2,254	2,236	2,315	2,333	2,364	2,555	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.83	7.92	7.65	7.66	7.67	7.71	7.74	7.90	NA	NA
Commercial.....	6.64	6.68	6.25	6.20	6.28	6.42	6.45	6.60	NA	NA
Industrial.....	4.94	4.82	4.55	4.55	4.53	4.61	4.69	4.85	NA	NA
Other.....	8.17	9.21	7.29	8.91	9.30	NA	NA	NA	NA	NA
All Sectors.....	6.57	6.56	6.27	6.24	6.31	6.35	6.37	6.55	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Kansas								
Number of Entities	6	119	1	29	1	NA	NA	156
Number of Retail Customers	968,022	235,382	7	216,140	3	NA	NA	1,419,554
Retail Sales (thousand megawatthours)	27,688	6,886	22	4,325	103	NA	NA	39,024
Percentage of Retail Sales	70.95	17.65	0.06	11.08	0.26	NA	NA	100.00
Revenue from Retail Sales (million dollars)	1,692	477	1	380	6	NA	NA	2,555
Percentage of Revenue	66.23	18.66	0.02	14.88	0.22	NA	NA	100.00
Average Retail Price (cents/kWh)	6.11	6.92	2.41	8.79	5.34	NA	NA	6.55

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Kentucky		
NERC Region(s).....		ECAR/SERC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	20,001	20
Electric Utilities.....	16,234	16
Independent Power Producers & Combined Heat and Power.....	3,767	24
Net Generation (megawatthours).....	97,822,419	16
Electric Utilities.....	85,679,912	13
Independent Power Producers & Combined Heat and Power.....	12,142,507	24
Emissions (thousand metric tons)		
Sulfur Dioxide	457	7
Nitrogen Oxide	152	6
Carbon Dioxide.....	90,318	7
Sulfur Dioxide (lbs/MWh)	10.3	7
Nitrogen Oxide (lbs/MWh)	3.4	16
Carbon Dioxide (lbs/MWh).....	2,036	7
Total Retail Sales (megawatthours).....	89,351,466	14
Full Service Provider Sales (megawatthours)	89,351,466	14
Direct Use (megawatthours)	389,447	35
Average Retail Price (cents/kWh).....	5.01	51

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Kentucky			
1. Paradise.....	Coal	Tennessee Valley Authority	2,113
2. Ghent	Coal	Kentucky Utilities Co	1,945
3. E W Brown	Coal	Kentucky Utilities Co	1,546
4. Mill Creek.....	Coal	Louisville Gas & Electric Co	1,472
5. Trimble County.....	Coal	Louisville Gas & Electric Co	1,471
6. Shawnee.....	Coal	Tennessee Valley Authority	1,330
7. H L Spurlock	Coal	East Kentucky Power Coop Inc	1,118
8. Big Sandy	Coal	Kentucky Power Co	1,060
9. Riverside Generating LLC	Gas	Riverside Generating Co LLC	825
10. J K Smith	Gas	East Kentucky Power Coop Inc	626

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Kentucky						
1. Kentucky Utilities Co.....	Investor-Owned	18,023,757	6,178,038	5,841,681	6,004,038	0
2. Tennessee Valley Authority.....	Federal	14,299,319	0	0	14,299,319	0
3. Louisville Gas & Electric Co.....	Investor-Owned	12,291,958	4,265,080	4,950,088	3,076,790	0
4. Kenergy Corp.....	Cooperative	9,348,042	732,465	295,028	8,320,549	0
5. Kentucky Power Co.....	Investor-Owned	7,309,016	2,533,727	1,432,670	3,342,619	0
Total Sales, Top Five Providers.....		61,272,092	13,709,310	12,519,467	35,043,315	0
Percent of Total State Sales.....		69	51	66	81	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Kentucky										
Electric Utilities.....	15,511	15,425	14,781	15,229	15,419	15,349	15,860	16,234	100.0	81.2
Coal.....	14,306	14,011	12,559	12,561	12,496	12,435	12,441	12,621	92.2	63.1
Petroleum.....	135	134	122	122	108	108	72	72	0.9	0.4
Natural Gas.....	275	491	1,286	1,726	1,993	1,988	2,521	2,714	1.8	13.6
Hydroelectric.....	795	789	814	821	821	818	817	817	5.1	4.1
Other Renewables.....	-	-	-	-	-	-	9	10	-	*
Independent Power Producers and Combined Heat and Power.....	-	4	2,017	2,350	3,704	3,719	3,767	3,767	-	18.8
Coal.....	-	-	1,906	1,716	1,716	1,716	1,716	1,716	-	8.6
Petroleum.....	-	-	85	65	65	65	65	65	-	0.3
Natural Gas.....	-	-	23	518	1,872	1,887	1,943	1,943	-	9.7
Other Renewables.....	-	4	4	51	51	51	43	43	-	0.2
Total Electric Industry.....	15,511	15,429	16,798	17,579	19,123	19,068	19,627	20,001	100.0	100.0
Coal.....	14,306	14,011	14,465	14,277	14,212	14,151	14,157	14,337	92.2	71.7
Petroleum.....	135	134	207	187	173	173	137	137	0.9	0.7
Natural Gas.....	275	491	1,309	2,244	3,865	3,875	4,464	4,657	1.8	23.3
Hydroelectric.....	795	789	814	821	821	818	817	817	5.1	4.1
Other Renewables.....	-	4	4	51	51	51	52	53	-	0.3

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Kentucky										
Electric Utilities.....	73,807,286	86,161,578	81,349,922	83,677,982	80,161,524	80,696,982	82,921,402	85,679,912	100.0	87.6
Coal.....	70,500,461	82,539,467	78,598,836	79,381,504	75,308,162	76,367,048	78,574,428	81,188,722	95.5	83.0
Petroleum.....	118,646	130,598	118,876	120,418	135,412	130,280	93,651	96,557	0.2	0.1
Natural Gas.....	27,796	68,035	307,642	320,552	693,201	229,930	398,814	1,349,378	*	1.4
Other Gases.....	-	-	-	-	-	-	1,701	4,991	-	*
Hydroelectric.....	3,160,383	3,423,478	2,324,568	3,855,508	4,024,749	3,948,052	3,780,251	2,961,193	4.3	3.0
Other Renewables.....	-	-	-	-	-	-	57,029	62,098	-	0.1
Other.....	-	-	-	-	-	21,672	15,528	16,973	-	*
Independent Power Producers and Combined Heat and Power.....	-	4,258	11,656,161	11,739,644	11,945,144	11,021,838	11,608,545	12,142,507	-	12.4
Coal.....	-	-	11,464,218	11,417,074	7,966,084	7,693,492	7,546,083	7,894,391	-	8.1
Petroleum.....	-	-	25,817	3,142	2,933,086	2,814,631	3,527,448	3,584,128	-	3.7
Natural Gas.....	-	-	153,723	309,875	680,509	214,475	180,415	303,701	-	0.3
Other Gases.....	-	-	110	-	-	-	-	-	-	-
Other Renewables.....	-	4,258	12,293	9,553	365,465	299,240	354,600	360,287	-	0.4
Total Electric Industry.....	73,807,286	86,165,836	93,006,083	95,417,626	92,106,668	91,718,820	94,529,947	97,822,419	100.0	100.0
Coal.....	70,500,461	82,539,467	90,063,054	90,798,578	83,274,246	84,060,540	86,120,511	89,083,113	95.5	91.1
Petroleum.....	118,646	130,598	144,693	123,560	3,068,498	2,944,911	3,621,099	3,680,685	0.2	3.8
Natural Gas.....	27,796	68,035	461,365	630,427	1,373,710	444,405	579,229	1,653,079	*	1.7
Other Gases.....	-	-	110	-	-	-	1,701	4,991	-	*
Hydroelectric.....	3,160,383	3,423,478	2,324,568	3,855,508	4,024,749	3,948,052	3,780,251	2,961,193	4.3	3.0
Other Renewables.....	-	4,258	12,293	9,553	365,465	299,240	411,629	422,385	-	0.4
Other.....	-	-	-	-	-	21,672	15,528	16,973	-	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Kentucky								
Coal (cents per million Btu)	119.3	110.6	102.3	110.4	118.8	122.8	136.6	W
Average heat value (Btu per pound)	11,558	11,625	11,604	11,425	11,464	11,498	11,550	11,620
Average sulfur Content (percent)	2.6	2.4	2.3	2.2	2.2	2.1	2.1	2.2
Petroleum (cents per million Btu)	575.0	318.0	559.3	567.3	464.6	W	W	116.8
Average heat value (Btu per gallon)	138,943	118,024	125,371	139,286	137,640	132,664	131,967	132,710
Average sulfur Content (percent)	0.3	1.9	1.3	0.3	1.0	3.9	4.8	5.1
Natural Gas (cents per million Btu)	297.5	294.1	495.8	458.9	351.2	657.7	W	948.8
Average heat value (Btu per cubic foot)	1,020	1,022	1,025	1,020	1,003	1,017	1,017	1,026

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Kentucky								
Sulfur Dioxide								
Coal.....	818	704	530	486	428	474	460	445
Petroleum.....	*	*	*	*	16	7	5	9
Natural Gas.....	-	-	*	*	*	-	-	*
Other.....	-	*	*	*	3	3	3	3
Total.....	819	704	531	486	447	483	469	457
Nitrogen Oxide								
Coal.....	301	321	223	210	168	159	143	140
Petroleum.....	*	*	*	*	11	9	6	8
Natural Gas.....	*	*	1	1	2	*	1	3
Other.....	-	*	*	*	1	1	2	2
Total.....	301	321	223	211	183	169	151	152
Carbon Dioxide								
Coal.....	65,830 ^R	76,855 ^R	86,081 ^R	87,036	82,099	81,475	82,586	85,011
Petroleum.....	90 ^R	119 ^R	131 ^R	96	4,039	3,411	4,126	4,135
Natural Gas.....	15 ^R	47 ^R	378 ^R	404	956	571	472	1,151
Other Renewables.....	-	-	-	-	-	27	20	22
Total.....	65,935 ^R	77,021 ^R	86,590 ^R	87,536	87,094	85,484	87,204	90,318

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Kentucky										
Retail Sales (thousand megawatthours)										
Residential.....	16,814	20,537	23,374	23,698	25,347	24,704	25,187	26,947	27.5	30.2
Commercial.....	9,252	10,524	13,933	14,338	14,745	17,946	18,443	19,091	15.1	21.4
Industrial.....	32,543	40,490	37,689	38,676	43,812	42,570	42,891	43,314	53.3	48.5
Other.....	2,488	2,997	3,320	3,263	3,362	NA	NA	NA	4.1	NA
All Sectors.....	61,097	74,548	78,316	79,975	87,267	85,220	86,521	89,351	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	958	1,155	1,279	1,323	1,431	1,435	1,538	1,769	35.0	39.5
Commercial.....	497	552	717	746	782	963	1,034	1,147	18.2	25.6
Industrial.....	1,165	1,186	1,136	1,176	1,353	1,365	1,432	1,561	42.6	34.9
Other.....	117	140	146	148	155	NA	NA	NA	4.3	NA
All Sectors.....	2,737	3,034	3,277	3,393	3,721	3,763	4,004	4,477	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	5.69	5.62	5.47	5.58	5.65	5.81	6.11	6.57	NA	NA
Commercial.....	5.37	5.25	5.14	5.20	5.30	5.37	5.60	6.01	NA	NA
Industrial.....	3.58	2.93	3.01	3.04	3.09	3.21	3.34	3.60	NA	NA
Other.....	4.69	4.68	4.40	4.53	4.61	NA	NA	NA	NA	NA
All Sectors.....	4.48	4.07	4.18	4.24	4.26	4.42	4.63	5.01	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	5	31	1	24	1	NA	NA	62
Number of Retail Customers	1,190,596	210,327	22	770,213	2	NA	NA	2,171,160
Retail Sales (thousand megawatthours)	41,644	6,990	14,299	26,285	133	NA	NA	89,351
Percentage of Retail Sales	46.61	7.82	16.00	29.42	0.15	NA	NA	100.00
Revenue from Retail Sales (million dollars)	2,181	404	424	1,464	4	NA	NA	4,477
Percentage of Revenue	48.73	9.02	9.47	32.69	0.09	NA	NA	100.00
Average Retail Price (cents/kWh)	5.24	5.78	2.96	5.57	2.93	NA	NA	5.01

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Louisiana		
NERC Region(s).....		SERC/SPP
Primary Energy Source.....		Gas
Net Summer Capability (megawatts).....	26,785	14
Electric Utilities.....	15,432	17
Independent Power Producers & Combined Heat and Power.....	11,353	9
Net Generation (megawatthours).....	92,616,878	19
Electric Utilities.....	44,157,533	22
Independent Power Producers & Combined Heat and Power.....	48,459,344	8
Emissions (thousand metric tons)		
Sulfur Dioxide	128	21
Nitrogen Oxide	96	15
Carbon Dioxide.....	57,101	16
Sulfur Dioxide (lbs/MWh)	3.0	34
Nitrogen Oxide (lbs/MWh)	2.3	25
Carbon Dioxide (lbs/MWh).....	1,359	28
Total Retail Sales (megawatthours).....	77,389,170	20
Full Service Provider Sales (megawatthours)	77,389,170	19
Direct Use (megawatthours)	19,845,343	2
Average Retail Price (cents/kWh).....	8.03	18

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Louisiana			
1. Willow Glen	Gas	Entergy Gulf States Inc	2,045
2. Nine Mile Point	Gas	Entergy Louisiana Inc	1,804
3. Big Cajun 2.....	Coal	Louisiana Generating LLC	1,730
4. R S Nelson	Coal	Entergy Gulf States Inc	1,416
5. Little Gypsy	Gas	Entergy Louisiana Inc	1,198
6. Waterford 3.....	Nuclear	Entergy Louisiana Inc	1,158
7. Acadia Energy Center.....	Gas	Calpine Corp	1,063
8. River Bend.....	Nuclear	Entergy Gulf States Inc	966
9. Rodemacher	Coal	CLECO Power LLC	963
10. Michoud.....	Gas	Entergy New Orleans Inc	860

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Louisiana						
1. Entergy Louisiana Inc.....	Investor-Owned	26,888,775	8,558,912	5,982,194	12,347,669	0
2. Entergy Gulf States Inc.....	Investor-Owned	18,938,856	4,817,245	4,805,015	9,316,596	0
3. Cleco Power LLC.....	Investor-Owned	8,824,601	3,515,981	2,447,371	2,861,249	0
4. Southwestern Electric Power Co.....	Investor-Owned	5,630,181	2,384,091	2,315,336	930,754	0
5. Entergy New Orleans Inc.....	Investor-Owned	4,714,034	1,615,771	2,588,172	498,316	11,775
Total Sales, Top Five Providers.....		64,996,447	20,892,000	18,138,088	25,954,584	11,775
Percent of Total State Sales.....		84	73	84	96	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Louisiana										
Electric Utilities.....	16,751	17,019	14,317	14,165	14,233	14,090	14,176	15,432	86.0	57.6
Coal.....	3,343	2,843	1,723	1,723	1,723	1,723	1,723	1,723	17.2	6.4
Petroleum.....	17	16	16	20	16	16	26	26	0.1	0.1
Natural Gas.....	11,380	12,149	10,566	10,350	10,423	10,284	10,372	11,559	58.4	43.2
Nuclear.....	2,011	2,011	2,012	2,073	2,071	2,067	2,055	2,124	10.3	7.9
Independent Power Producers and Combined Heat and Power.....	2,727	2,795	6,798	7,556	11,399	11,659	12,289	11,353	14.0	42.4
Coal.....	14	8	1,783	1,783	1,730	1,730	1,730	1,730	0.1	6.5
Petroleum.....	-	192	241	256	259	259	259	259	-	1.0
Natural Gas.....	1,928	1,822	4,161	4,987	8,962	9,216	9,632	8,537	9.9	31.9
Other Gases.....	114	82	105	64	62	63	65	64	0.6	0.2
Hydroelectric.....	182	182	182	192	192	192	192	192	0.9	0.7
Other Renewables.....	469	487	304	253	170	175	335	333	2.4	1.2
Other.....	21	21	21	22	24	24	77	238	0.1	0.9
Total Electric Industry.....	19,479	19,814	21,115	21,721	25,633	25,749	26,465	26,785	100.0	100.0
Coal.....	3,357	2,851	3,506	3,506	3,453	3,453	3,453	3,453	17.2	12.9
Petroleum.....	17	208	257	275	275	275	285	285	0.1	1.1
Natural Gas.....	13,308	13,971	14,728	15,336	19,385	19,499	20,004	20,096	68.3	75.0
Other Gases.....	114	82	105	64	62	63	65	64	0.6	0.2
Nuclear.....	2,011	2,011	2,012	2,073	2,071	2,067	2,055	2,124	10.3	7.9
Hydroelectric.....	182	182	182	192	192	192	192	192	0.9	0.7
Other Renewables.....	469	487	304	253	170	175	335	333	2.4	1.2
Other.....	21	21	21	22	24	24	77	238	0.1	0.9

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Louisiana										
Electric Utilities.....	58,168,408	65,555,229	57,601,142	50,378,001	54,921,960	43,485,059	47,603,602	44,157,533	76.1	47.7
Coal.....	17,800,084	18,954,264	14,484,315	10,917,220	12,258,694	11,020,325	11,324,239	11,415,901	23.3	12.3
Petroleum.....	130,260	48,558	625,093	1,722,244	68,460	1,007,874	3,693,520	3,377,765	0.2	3.6
Natural Gas.....	26,041,280	30,866,507	26,695,995	20,402,402	25,085,994	15,093,742	15,138,928	13,687,514	34.1	14.8
Other Gases.....	-	-	-	-	203,484	236,796	366,934	-	-	-
Nuclear.....	14,196,784	15,685,900	15,795,739	17,336,135	17,305,328	16,126,322	17,079,981	15,676,353	18.6	16.9
Independent Power Producers and Combined Heat and Power.....	18,297,222	19,004,495	35,264,493	37,516,376	40,049,003	51,399,981	50,568,706	48,459,345	23.9	52.3
Coal.....	56,603	35,210	9,004,549	11,050,926	9,792,212	11,868,605	12,328,719	11,654,441	0.1	12.6
Petroleum.....	101,838	1,437,656	1,451,267	1,727,695	1,796,076	1,930,074	152,391	108,170	0.1	0.1
Natural Gas.....	13,433,586	12,351,240	19,433,248	19,970,352	22,814,853	30,340,455	30,678,522	29,871,679	17.6	32.3
Other Gases.....	440,700	982,181	1,598,632	440,544	1,294,140	2,450,434	2,827,222	2,748,046	0.6	3.0
Hydroelectric.....	656,492	952,144	532,290	732,217	891,441	891,991	1,098,825	810,948	0.9	0.9
Other Renewables.....	2,315,184	2,645,416	2,792,452	2,704,289	2,810,480	3,078,304	2,707,787	2,724,494	3.0	2.9
Other.....	1,292,819	600,648	452,055	890,353	649,801	840,117	775,241	541,566	1.7	0.6
Total Electric Industry.....	76,465,630	84,559,724	92,865,635	87,894,377	94,970,963	94,885,040	98,172,308	92,616,878	100.0	100.0
Coal.....	17,856,687	18,989,474	23,488,864	21,968,146	22,050,906	22,888,930	23,652,958	23,070,342	23.4	24.9
Petroleum.....	232,098	1,486,214	2,076,360	3,449,939	1,864,536	2,937,948	3,845,911	3,485,935	0.3	3.8
Natural Gas.....	39,474,866	43,217,747	46,129,243	40,372,754	47,900,847	45,434,197	45,817,450	43,559,193	51.6	47.0
Other Gases.....	440,700	982,181	1,598,632	440,544	1,497,624	2,687,230	3,194,156	2,748,046	0.6	3.0
Nuclear.....	14,196,784	15,685,900	15,795,739	17,336,135	17,305,328	16,126,322	17,079,981	15,676,353	18.6	16.9
Hydroelectric.....	656,492	952,144	532,290	732,217	891,441	891,991	1,098,825	810,948	0.9	0.9
Other Renewables.....	2,315,184	2,645,416	2,792,452	2,704,289	2,810,480	3,078,304	2,707,787	2,724,494	3.0	2.9
Other.....	1,292,819	600,648	452,055	890,353	649,801	840,117	775,241	541,566	1.7	0.6

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Louisiana								
Coal (cents per million Btu)	169.5	154.9	132.0	130.9	W	W	W	W
Average heat value (Btu per pound)	8,194	8,110	7,933	8,030	8,095	8,023	8,146	8,136
Average sulfur Content (percent)	0.5	0.6	0.6	0.7	0.5	0.5	0.5	0.5
Petroleum (cents per million Btu)	371.5	348.1	459.2	519.0	63.4	246.6	285.6	426.8
Average heat value (Btu per gallon)	144,962	141,543	149,843	145,238	140,393	145,807	147,379	147,057
Average sulfur Content (percent)	0.4	0.1	1.0	0.7	5.4	3.8	3.5	3.3
Natural Gas (cents per million Btu)	165.9	180.6	439.6	413.2	342.4	561.2	632.9	879.1
Average heat value (Btu per cubic foot)	1,045	1,043	1,034	1,040	1,034	1,033	1,031	1,034

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Louisiana								
Sulfur Dioxide								
Coal.....	91	124	82	87	89	87	87	82
Petroleum.....	3	86	80	79	61	83	20	19
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	18	20	19	19	21	24	25	27
Total.....	112	231	182	185	171	195	132	128
Nitrogen Oxide								
Coal.....	83	83	45	38	39	39	37	35
Petroleum.....	*	5	5	10	7	9	4	3
Natural Gas.....	55	61	69	68	52	53	50	43
Other.....	13	6	5	10	13	14	15	14
Total.....	152	156	124	126	110	115	106	96
Carbon Dioxide								
Coal.....	18,666 ^R	20,140 ^R	24,224 ^R	22,946	22,192	23,600	24,563	24,315
Petroleum.....	202 ^R	1,875 ^R	2,215 ^R	3,528	2,042	3,009	4,356	3,834
Natural Gas.....	25,702 ^R	28,997 ^R	31,014 ^R	27,846	30,523	29,037	29,157	28,652
Other Renewables.....	-	-	85 ^R	129	162	253	302	300
Total.....	44,570 ^R	51,012 ^R	57,537 ^R	54,449	54,920	55,899	58,378	57,101

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Louisiana										
Retail Sales (thousand megawatthours)										
Residential.....	21,434	24,116	27,719	25,800	28,157	28,572	28,863	28,654	33.6	37.0
Commercial.....	13,814	15,575	18,225	17,722	18,686	21,944	22,568	21,692	21.6	28.0
Industrial.....	25,862	30,692	31,950	28,574	29,662	27,251	28,290	27,031	40.5	34.9
Other.....	2,716	2,444	2,795	2,596	2,756	NA	NA	NA	4.3	NA
Transportation.....	NA	NA	NA	NA	NA	3	16	12	NA	*
All Sectors.....	63,826	72,827	80,690	74,693	79,261	77,769	79,737	77,389	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	1,587	1,744	2,127	2,044	2,000	2,241	2,324	2,542	41.4	40.9
Commercial.....	973	1,055	1,308	1,343	1,242	1,628	1,710	1,857	25.4	29.9
Industrial.....	1,083	1,219	1,599	1,596	1,310	1,518	1,646	1,814	28.3	29.2
Other.....	187	170	195	219	194	NA	NA	NA	4.9	NA
Transportation.....	NA	NA	NA	NA	NA	*	1	1	NA	*
All Sectors.....	3,830	4,189	5,229	5,201	4,746	5,387	5,682	6,214	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.41	7.23	7.67	7.92	7.10	7.84	8.05	8.87	NA	NA
Commercial.....	7.05	6.77	7.18	7.58	6.64	7.42	7.58	8.56	NA	NA
Industrial.....	4.19	3.97	5.00	5.58	4.42	5.57	5.82	6.71	NA	NA
Other.....	6.88	6.97	6.98	8.43	7.05	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	7.32	7.09	7.63	NA	NA
All Sectors.....	6.00	5.75	6.48	6.96	5.99	6.93	7.13	8.03	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	5	22	NA	13	NA	NA	NA	40
Number of Retail Customers	1,624,399	159,477	NA	391,912	NA	NA	NA	2,175,788
Retail Sales (thousand megawatthours)	64,996	4,450	NA	7,943	NA	NA	NA	77,389
Percentage of Retail Sales	83.99	5.75	NA	10.26	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	5,294	361	NA	559	NA	NA	NA	6,214
Percentage of Revenue	85.20	5.81	NA	8.99	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	8.14	8.11	NA	7.03	NA	NA	NA	8.03

Louisiana

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Maine		
NERC Region(s).....		NPCC
Primary Energy Source.....		Gas
Net Summer Capability (megawatts).....	4,185	43
Electric Utilities.....	117	47
Independent Power Producers & Combined Heat and Power.....	4,068	23
Net Generation (megawatthours).....	18,843,978	43
Electric Utilities.....	827	50
Independent Power Producers & Combined Heat and Power.....	18,843,150	14
Emissions (thousand metric tons)		
Sulfur Dioxide	22	40
Nitrogen Oxide	12	45
Carbon Dioxide.....	7,058	44
Sulfur Dioxide (lbs/MWh)	2.6	37
Nitrogen Oxide (lbs/MWh)	1.4	40
Carbon Dioxide (lbs/MWh).....	826	43
Total Retail Sales (megawatthours)	12,362,879	42
Full Service Provider Sales (megawatthours)	369,594	51
Deregulated Sales (megawatthours)	11,993,285	8
Direct Use (megawatthours)	3,324,756	11
Average Retail Price (cents/kWh).....	10.57	11

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Maine			
1. William F Wyman	Petroleum	FPL Energy Wyman LLC	824
2. Westbrook Energy Center	Gas	Calpine Eastern Corp	506
3. Maine Independence Station	Gas	Casco Bay Energy Co LLC	490
4. Bucksport Mill.....	Gas	International Paper Co- Bucksport	269
5. Rumford Power Associates	Gas	Rumford Power	254
6. Androscoggin Energy Center	Gas	Calpine Androscoggin Energy	130
7. Great Lakes Hydro America - ME	Hydroelectric	Great Lakes Hydro America LLC	129
8. Somerset Plant	Other Renewables	Sappi Fine Paper North America-Somerset	115
9. Millinocket Mill.....	Petroleum	Katahdin Paper Inc	103
10. Harris	Hydroelectric	FPL Energy Maine Hydro LLC	87

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Constellation Power Source Inc	Other Provider	4,641,434	3,713,237	866,220	61,977	0
2. Constellation NewEnergy, Inc.....	Other Provider	2,049,706	0	2,049,706	0	0
3. WPS Energy Services.....	Other Provider	1,249,372	371,074	646,349	231,949	0
4. Independence Power Marketing	Other Provider	483,093	206,033	232,130	44,930	0
5. Select Energy.....	Other Provider	448,048	0	160,755	287,293	0
Total Sales, Top Five Providers		8,871,653	4,290,344	3,955,160	626,149	0
Percent of Total State Sales.....		72	95	95	17	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	2,407	2,432	21	17	16	19	19	117	64.7	2.8
Coal.....	-	-	-	-	-	-	-	85	-	2.0
Petroleum.....	1,126	1,109	18	17	16	19	19	32	30.3	0.8
Nuclear.....	860	870	-	-	-	-	-	-	23.1	-
Hydroelectric	420	421	3	-	-	-	-	-	11.3	-
Independent Power Producers and Combined Heat and Power	1,312	1,358	4,187	4,191	4,272	4,266	4,170	4,068	35.3	97.2
Coal.....	100	96	96	85	85	85	85	-	2.7	-
Petroleum.....	230	196	1,203	1,046	1,097	1,097	1,010	998	6.2	23.8
Natural Gas	25	-	1,492	1,659	1,674	1,670	1,658	1,658	0.7	39.6
Hydroelectric	339	352	708	681	718	721	722	720	9.1	17.2
Other Renewables.....	619	714	688	720	698	693	695	693	16.6	16.6
Total Electric Industry.....	3,719	3,790	4,208	4,208	4,288	4,285	4,190	4,185	100.0	100.0
Coal.....	100	96	96	85	85	85	85	85	2.7	2.0
Petroleum.....	1,356	1,305	1,221	1,063	1,113	1,116	1,029	1,030	36.5	24.6
Natural Gas	25	-	1,492	1,659	1,674	1,670	1,658	1,658	0.7	39.6
Nuclear.....	860	870	-	-	-	-	-	-	23.1	-
Hydroelectric	759	773	711	681	718	721	722	720	20.4	17.2
Other Renewables.....	619	746	688	720	698	693	695	693	16.6	16.6

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Maine										
Electric Utilities.....	9,063,595	2,668,381	2,781	-	865	1,409	1,121	827	56.8	*
Petroleum.....	2,092,804	812,024	-	-	865	1,409	1,121	827	13.1	*
Nuclear.....	4,860,727	197,577	-	-	-	-	-	-	30.5	-
Hydroelectric.....	2,110,064	1,658,481	2,781	-	-	-	-	-	13.2	-
Other Renewables.....	-	299	-	-	-	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	6,882,419	7,094,670	14,045,166	19,564,821	22,534,169	18,970,227	19,097,765	18,843,151	43.2	100.0
Coal.....	453,218	540,591	649,748	528,412	603,938	376,532	360,821	322,359	2.8	1.7
Petroleum.....	988,296	1,220,208	2,797,329	2,101,522	1,228,621	1,918,139	1,310,330	1,610,870	6.2	8.5
Natural Gas.....	50,786	7,219	3,044,440	10,052,949	13,503,963	9,438,704	9,826,264	8,398,454	0.3	44.6
Other Gases.....	-	5,290	-	-	48	34	38	54	-	*
Hydroelectric.....	1,980,472	1,695,431	3,588,034	2,645,123	2,767,847	3,172,623	3,430,249	4,090,926	12.4	21.7
Other Renewables.....	3,409,647	3,625,931	3,821,868	3,825,725	4,043,533	3,586,010	3,583,907	4,074,989	21.4	21.6
Other.....	-	-	143,747	411,090	386,219	478,184	586,156	345,498	-	1.8
Total Electric Industry.....	15,946,014	9,763,051	14,047,947	19,564,821	22,535,034	18,971,636	19,098,886	18,843,978	100.0	100.0
Coal.....	453,218	540,591	649,748	528,412	603,938	376,532	360,821	322,359	2.8	1.7
Petroleum.....	3,081,100	2,032,232	2,797,329	2,101,522	1,229,486	1,919,548	1,311,451	1,611,697	19.3	8.6
Natural Gas.....	50,786	7,219	3,044,440	10,052,949	13,503,963	9,438,704	9,826,264	8,398,454	0.3	44.6
Other Gases.....	-	5,290	-	-	48	34	38	54	-	*
Nuclear.....	4,860,727	197,577	-	-	-	-	-	-	30.5	-
Hydroelectric.....	4,090,536	3,353,912	3,590,815	2,645,123	2,767,847	3,172,623	3,430,249	4,090,926	25.7	21.7
Other Renewables.....	3,409,647	3,626,230	3,821,868	3,825,725	4,043,533	3,586,010	3,583,907	4,074,989	21.4	21.6
Other.....	-	-	143,747	411,090	386,219	478,184	586,156	345,498	-	1.8

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Maine								
Coal (cents per million Btu)	-	-	-	-	241.0	W	W	W
Average heat value (Btu per pound)	-	-	-	-	13,138	13,124	12,854	12,823
Average sulfur Content (percent)	-	-	-	-	0.7	0.7	0.8	0.8
Petroleum (cents per million Btu)	278.5	260.6	-	-	388.5	555.7	504.2	W
Average heat value (Btu per gallon)	149,990	150,612	-	-	150,960	150,319	151,731	152,776
Average sulfur Content (percent)	0.9	0.7	-	-	1.2	0.8	1.0	1.1
Natural Gas (cents per million Btu)	-	-	-	-	391.3	584.2	627.7	W
Average heat value (Btu per cubic foot)	-	-	-	-	1,042	1,042	1,044	1,058

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Maine								
Sulfur Dioxide								
Coal.....	5	3	2	1	1	1	2	2
Petroleum.....	39	7	29	21	10	9	9	11
Natural Gas.....	-	-	*	*	*	*	*	*
Other.....	8	11	11	7	10	9	9	9
Total.....	52	21	42	29	22	20	20	22
Nitrogen Oxide								
Coal.....	3	3	3	1	1	1	1	1
Petroleum.....	7	5	5	4	2	3	2	3
Natural Gas.....	*	*	1	2	1	2	2	*
Other.....	5	6	6	8	8	7	7	7
Total.....	14	14	14	16	12	13	12	12
Carbon Dioxide								
Coal.....	724 ^R	799 ^R	847 ^R	901	1,368	633	648	608
Petroleum.....	4,188 ^R	3,653 ^R	3,711 ^R	2,978	1,982	2,438	1,990	2,473
Natural Gas.....	10 ^R	6 ^R	1,574 ^R	4,490	6,172	4,149	4,251	3,460
Other Renewables.....	230 ^R	391 ^R	413 ^R	424	625	488	448	517
Total.....	5,152 ^R	4,848 ^R	6,544 ^R	8,793	10,147	7,708	7,337	7,058

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Maine										
Retail Sales (thousand megawatthours)										
Residential.....	3,932	3,629	3,737	3,903	4,043	4,219	4,331	4,503	34.1	36.4
Commercial.....	2,673	2,835	3,712	3,779	3,789	3,959	4,325	4,157	23.2	33.6
Industrial.....	4,750	4,959	4,551	4,413	3,550	3,793	3,711	3,702	41.2	29.9
Other.....	174	138	163	57	59	NA	NA	NA	1.5	NA
All Sectors.....	11,529	11,561	12,163	12,152	11,441	11,972	12,368	12,363	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	366	454	467	512	515	522	527	596	41.4	45.6
Commercial.....	214	292	380	440	405	409	428	442	24.3	33.8
Industrial.....	283	330	314	315	250	241	244	269	32.1	20.6
Other.....	19	22	19	15	14	NA	NA	NA	2.1	NA
All Sectors.....	882	1,097	1,178	1,282	1,184	1,172	1,198	1,307	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	9.30	12.51	12.49	13.13	12.74	12.37	12.16	13.23	NA	NA
Commercial.....	8.03	10.28	10.23	11.64	10.68	10.34	9.89	10.63	NA	NA
Industrial.....	5.96	6.65	6.89	7.15	7.05	6.35	6.56	7.28	NA	NA
Other.....	10.85	15.67	11.45	25.40	23.39	NA	NA	NA	NA	NA
All Sectors.....	7.65	9.49	9.69	10.55	10.35	9.79	9.69	10.57	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	1	4	NA	3	2	14	6	30
Number of Retail Customers	33	9,983	NA	2,458	2	752,454	NA	764,930
Retail Sales (thousand megawatthours)	*	158	NA	15	196	11,993	NA	12,363
Percentage of Retail Sales	*	1.28	NA	0.12	1.59	97.01	NA	100.00
Revenue from Retail Sales (million dollars)	*	11	NA	3	8	727	557	1,307
Percentage of Revenue	*	0.87	NA	0.24	0.64	55.64	42.61	100.00
Average Retail Price (cents/kWh)	11.85	7.24	NA	20.70	4.23	6.06	4.64	10.57

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.

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

W = Withheld to avoid disclosure of individual company data.

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

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Maryland		
NERC Region(s).....		ECAR/MAAC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	12,503	28
Electric Utilities.....	79	48
Independent Power Producers & Combined Heat and Power.....	12,423	8
Net Generation (megawatthours).....	52,661,601	26
Electric Utilities.....	44,235	47
Independent Power Producers & Combined Heat and Power.....	52,617,365	7
Emissions (thousand metric tons)		
Sulfur Dioxide	276	14
Nitrogen Oxide	64	30
Carbon Dioxide.....	33,325	29
Sulfur Dioxide (lbs/MWh)	11.6	3
Nitrogen Oxide (lbs/MWh)	2.7	23
Carbon Dioxide (lbs/MWh).....	1,395	26
Total Retail Sales (megawatthours)	68,365,385	23
Full Service Provider Sales (megawatthours)	49,163,275	25
Deregulated Sales (megawatthours)	19,202,110	5
Direct Use (megawatthours)	1,094,648	27
Average Retail Price (cents/kWh).....	8.13	17

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Maryland			
1. Chalk Point LLC.....	Coal	Mirant Chalk Point LLC	2,429
2. Calvert Cliffs Nuclear Power Plant	Nuclear	Calvert Cliffs Nuclear PP Inc	1,735
3. Morgantown Generating Plant	Coal	Mirant Mid-Atlantic LLC	1,492
4. Brandon Shores.....	Coal	Constellation Power Source Gen	1,286
5. Herbert A Wagner	Coal	Constellation Power Source Gen	1,004
6. Dickerson.....	Coal	Mirant Mid-Atlantic LLC	853
7. Rock Springs Generation Facility	Gas	CED Operating Co LLC	632
8. Conowingo.....	Hydroelectric	Susquehanna Electric Co	548
9. C P Crane.....	Coal	Constellation Power Source Gen	399
10. Perryman.....	Gas	Constellation Power Source Gen	360

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Baltimore Gas & Electric Co.....	Investor-Owned	22,220,820	13,759,809	3,450,906	5,010,105	-
2. Potomac Electric Power Co.....	Investor-Owned	9,750,252	5,590,389	4,159,863	0	0
3. Potomac Edison Co.....	Investor-Owned	8,731,408	3,281,728	1,711,791	3,737,889	0
4. Constellation NewEnergy, Inc.....	Other Provider	5,045,644	0	3,156,430	1,652,662	236,552
5. PEPCO Energy Services.....	Other Provider	5,033,605	77,456	4,759,286	0	196,863
Total Sales, Top Five Providers.....		50,781,729	22,709,382	17,238,276	10,400,656	433,415
Percent of Total State Sales.....		74	80	96	48	91

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	9,758	10,957	753	70	69	70	79	79	97.0	0.6
Coal.....	3,975	4,636	-	-	-	-	-	-	39.5	-
Petroleum.....	1,782	1,387	241	70	69	70	79	79	17.7	0.6
Natural Gas.....	1,922	2,729	-	-	-	-	-	-	19.1	-
Nuclear.....	1,650	1,675	-	-	-	-	-	-	16.4	-
Hydroelectric.....	428	530	512	-	-	-	-	-	4.3	-
Independent Power Producers and Combined Heat and Power.....	299	363	9,770	11,859	11,790	12,401	12,419	12,423	3.0	99.4
Coal.....	70	60	4,752	4,586	4,897	4,957	4,958	4,958	0.7	39.7
Petroleum.....	2	2	2,298	3,243	2,853	2,752	3,343	3,343	*	26.7
Natural Gas.....	162	172	735	1,490	1,490	2,144	1,538	1,542	1.6	12.3
Other Gases.....	-	-	163	153	152	152	152	152	-	1.2
Nuclear.....	-	-	1,675	1,675	1,685	1,703	1,735	1,735	-	13.9
Hydroelectric.....	-	-	19	530	530	566	566	566	-	4.5
Other Renewables.....	65	129	128	183	183	127	127	127	0.6	1.0
Total Electric Industry.....	10,056	11,321	10,523	11,930	11,859	12,472	12,499	12,503	100.0	100.0
Coal.....	4,045	4,696	4,752	4,586	4,897	4,957	4,958	4,958	40.2	39.7
Petroleum.....	1,784	1,389	2,538	3,313	2,922	2,822	3,422	3,422	17.7	27.4
Natural Gas.....	2,085	2,901	735	1,490	1,490	2,144	1,538	1,542	20.7	12.3
Other Gases.....	-	-	163	153	152	152	152	152	-	1.2
Nuclear.....	1,650	1,675	1,675	1,675	1,685	1,703	1,735	1,735	16.4	13.9
Hydroelectric.....	428	530	531	530	530	566	566	566	4.3	4.5
Other Renewables.....	65	129	128	183	183	127	127	127	0.6	1.0

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	31,497,406	44,658,945	31,783,195	88,150	30,734	51,722	30,023	44,235	95.0	0.1
Coal.....	23,299,412	27,369,905	20,353,004	-	-	-	-	-	70.3	-
Petroleum.....	3,328,080	1,407,598	1,507,860	87,790	30,734	51,722	30,023	44,235	10.0	0.1
Natural Gas.....	1,319,588	1,501,465	1,884,407	360	-	-	-	-	4.0	-
Nuclear.....	1,251,416	12,937,971	6,323,940	-	-	-	-	-	3.8	-
Hydroelectric.....	2,298,910	1,442,006	1,713,984	-	-	-	-	-	6.9	-
Independent Power Producers and Combined Heat and Power.....	1,664,886	1,706,698	19,362,185	48,974,190	48,248,354	52,192,515	52,022,747	52,617,366	5.0	99.9
Coal.....	210,450	225,351	9,098,061	28,379,409	28,712,053	29,939,086	29,215,529	29,313,922	0.6	55.7
Petroleum.....	243,192	71,871	880,735	2,933,849	2,251,698	3,520,461	3,265,890	3,773,349	0.7	7.2
Natural Gas.....	202,855	47,419	968,469	1,760,452	2,214,431	1,195,643	1,183,005	1,873,659	0.6	3.6
Other Gases.....	488,197	685,721	74,572	439,980	504,513	325,355	412,690	343,168	1.5	0.7
Nuclear.....	-	-	7,503,303	13,656,267	12,128,005	13,690,713	14,580,260	14,703,221	-	27.9
Hydroelectric.....	-	-	18,635	1,183,518	1,660,989	2,646,984	2,507,521	1,703,639	-	3.2
Other Renewables.....	520,192	676,336	818,410	373,015	521,631	596,050	569,265	612,871	1.6	1.2
Other.....	-	-	-	247,700	255,034	278,224	288,586	293,536	-	0.6
Total Electric Industry.....	33,162,292	46,365,643	51,145,380	49,062,340	48,279,088	52,244,237	52,052,770	52,661,601	100.0	100.0
Coal.....	23,509,862	27,595,256	29,451,065	28,379,409	28,712,053	29,939,086	29,215,529	29,313,922	70.9	55.7
Petroleum.....	3,571,272	1,479,469	2,388,595	3,021,639	2,282,432	3,572,183	3,295,913	3,817,584	10.8	7.2
Natural Gas.....	1,522,443	1,548,884	2,852,876	1,760,812	2,214,431	1,195,643	1,183,005	1,873,659	4.6	3.6
Other Gases.....	488,197	685,721	74,572	439,980	504,513	325,355	412,690	343,168	1.5	0.7
Nuclear.....	1,251,416	12,937,971	13,827,243	13,656,267	12,128,005	13,690,713	14,580,260	14,703,221	3.8	27.9
Hydroelectric.....	2,298,910	1,442,006	1,732,619	1,183,518	1,660,989	2,646,984	2,507,521	1,703,639	6.9	3.2
Other Renewables.....	520,192	676,336	818,410	373,015	521,631	596,050	569,265	612,871	1.6	1.2
Other.....	-	-	-	247,700	255,034	278,224	288,586	293,536	-	0.6

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Coal (cents per million Btu)	164.7	150.4	133.0	-	163.4	163.0	173.8	191.6
Average heat value (Btu per pound)	12,734	12,965	12,945	-	12,799	12,708	12,653	12,638
Average sulfur Content (percent)	1.4	1.1	1.2	-	1.1	1.1	1.3	1.3
Petroleum (cents per million Btu)	315.7	274.7	400.7	-	375.0	533.5	551.6	788.1
Average heat value (Btu per gallon)	149,602	150,162	150,181	-	150,717	148,564	149,417	148,498
Average sulfur Content (percent)	1.2	0.9	0.9	-	0.7	0.6	0.5	0.6
Natural Gas (cents per million Btu)	244.7	215.7	442.3	-	416.3	536.9	552.5	990.8
Average heat value (Btu per cubic foot)	1,042	1,039	1,044	-	1,035	1,047	1,048	1,046

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Maryland								
Sulfur Dioxide								
Coal.....	241	200	234	235	241	248	261	258
Petroleum.....	26	11	10	11	8	14	13	16
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	2	3	2	4	2	2	2	2
Total.....	270	213	247	250	251	264	277	276
Nitrogen Oxide								
Coal.....	91	85	70	61	62	57	51	50
Petroleum.....	7	2	3	6	5	8	7	8
Natural Gas.....	3	2	3	2	3	1	3	2
Other.....	1	2	2	8	3	4	4	4
Total.....	102	92	79	78	73	70	65	64
Carbon Dioxide								
Coal.....	21,857 ^R	25,173 ^R	27,705 ^R	26,122	27,238	28,366	27,868	28,224
Petroleum.....	3,685 ^R	1,457 ^R	2,134 ^R	2,653	1,984	2,968	2,811	3,282
Natural Gas.....	1,221 ^R	1,144 ^R	1,723 ^R	1,101	1,360	674	739	1,238
Other Renewables.....	292 ^R	468 ^R	555 ^R	544	587	595	593	581
Total.....	27,053 ^R	28,242 ^R	32,117 ^R	30,420	31,169	32,604	32,010	33,325

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Maryland										
Retail Sales (thousand megawatthours)										
Residential.....	19,102	22,234	23,949	24,294	25,489	26,671	27,952	28,440	38.6	41.6
Commercial.....	10,452	23,096	25,804	26,244	21,044	16,950	17,264	17,932	21.1	26.2
Industrial.....	19,308	10,057	10,066	10,177	20,875	27,176	21,195	21,517	39.0	31.5
Other.....	672	771	858	926	972	NA	NA	NA	1.4	NA
Transportation.....	NA	NA	NA	NA	NA	461	481	477	NA	0.7
All Sectors.....	49,534	56,158	60,678	61,640	68,380	71,259	66,892	68,365	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	1,380	1,875	1,905	1,864	1,973	2,060	2,181	2,405	44.2	43.3
Commercial.....	702	1,596	1,691	1,669	1,328	1,178	1,304	1,608	22.5	28.9
Industrial.....	984	425	417	445	836	1,329	1,269	1,509	31.5	27.1
Other.....	56	68	76	87	92	NA	NA	NA	1.8	NA
Transportation.....	NA	NA	NA	NA	NA	27	31	37	NA	0.7
All Sectors.....	3,121	3,964	4,089	4,066	4,229	4,594	4,785	5,559	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.22	8.43	7.95	7.67	7.74	7.73	7.80	8.46	NA	NA
Commercial.....	6.71	6.91	6.55	6.36	6.31	6.95	7.56	8.97	NA	NA
Industrial.....	5.10	4.23	4.14	4.37	4.01	4.89	5.99	7.01	NA	NA
Other.....	8.31	8.79	8.89	9.42	9.42	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	5.78	6.46	7.73	NA	NA
All Sectors.....	6.30	7.06	6.74	6.60	6.18	6.45	7.15	8.13	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	4	5	NA	3	1	12	4	29
Number of Retail Customers	2,092,614	33,327	NA	183,512	1	47,446	NA	2,356,900
Retail Sales (thousand megawatthours)	44,114	762	NA	4,270	18	19,202	NA	68,365
Percentage of Retail Sales	64.53	1.11	NA	6.25	0.03	28.09	NA	100.00
Revenue from Retail Sales (million dollars)	3,594	63	NA	426	1	1,187	288	5,559
Percentage of Revenue	64.65	1.13	NA	7.67	0.02	21.35	5.18	100.00
Average Retail Price (cents/kWh)	8.15	8.26	NA	9.98	6.20	6.18	1.50	8.13

Maryland

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Massachusetts		
NERC Region(s).....		NPCC
Primary Energy Source.....		Gas
Net Summer Capability (megawatts).....	13,969	27
Electric Utilities.....	980	44
Independent Power Producers & Combined Heat and Power.....	12,989	7
Net Generation (megawatthours).....	47,515,443	30
Electric Utilities.....	1,622,208	43
Independent Power Producers & Combined Heat and Power.....	45,893,235	9
Emissions (thousand metric tons)		
Sulfur Dioxide	76	29
Nitrogen Oxide	31	38
Carbon Dioxide.....	26,822	32
Sulfur Dioxide (lbs/MWh)	3.5	30
Nitrogen Oxide (lbs/MWh)	1.4	38
Carbon Dioxide (lbs/MWh).....	1,244	34
Total Retail Sales (megawatthours).....	57,227,588	25
Full Service Provider Sales (megawatthours)	41,373,621	31
Deregulated Sales (megawatthours)	15,853,967	7
Direct Use (megawatthours)	1,160,995	26
Average Retail Price (cents/kWh).....	12.18	4

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Massachusetts			
1. Mystic Generating Station.....	Gas	Boston Generating LLC	1,932
2. Brayton Point.....	Coal	Dominion Energy New England, LLC	1,545
3. Canal.....	Petroleum	Mirant Canal LLC	1,112
4. Northfield Mountain.....	Pumped Storage	Northeast Generation Services Company	1,080
5. Salem Harbor.....	Coal	Dominion Energy New England, LLC	743
6. Pilgrim Nuclear Power Station.....	Nuclear	Energry Nuclear Generation Co	685
7. Fore River Generating Station.....	Gas	Boston Generating LLC	668
8. Bear Swamp.....	Pumped Storage	Brookfield Power New England	563
9. ANP Bellingham Energy Project.....	Gas	ANP Bellingham Energy Co	493
10. ANP Blackstone Energy Project	Gas	ANP Blackstone Energy Co	441

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Massachusetts Electric Co.....	Investor-Owned	15,491,461	8,701,659	5,552,945	1,236,857	0
2. Boston Edison Co.....	Investor-Owned	10,888,695	4,400,138	5,955,110	533,447	0
3. Constellation NewEnergy, Inc.....	Other Provider	5,672,735	0	5,589,413	83,322	0
4. Western Massachusetts Elec Co.....	Investor-Owned	3,113,996	1,576,061	1,045,471	492,464	0
5. Select Energy.....	Other Provider	2,434,175	0	2,139,075	295,100	0
Total Sales, Top Five Providers.....		37,601,062	14,677,858	20,282,014	2,641,190	0
Percent of Total State Sales.....		66	69	74	32	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	9,910	9,288	996	993	1,090	981	981	980	92.5	7.0
Coal.....	1,723	1,707	145	145	145	145	145	144	16.1	1.0
Petroleum.....	3,604	2,499	475	474	771	663	661	661	33.6	4.7
Natural Gas.....	1,902	2,553	330	329	130	130	131	131	17.7	0.9
Nuclear.....	831	669	-	-	-	-	-	-	7.8	-
Hydroelectric.....	204	207	46	45	44	44	44	44	1.9	0.3
Pumped Storage.....	1,647	1,653	-	-	-	-	-	-	15.4	-
Independent Power Producers and Combined Heat and Power.....	807	1,709	11,355	10,849	11,069	12,896	13,021	12,989	7.5	93.0
Coal.....	18	31	1,451	1,500	1,544	1,514	1,578	1,599	0.2	11.4
Petroleum.....	116	164	3,474	3,084	3,464	3,117	2,581	2,580	1.1	18.5
Natural Gas.....	359	1,144	3,708	3,432	3,230	5,414	6,026	5,971	3.3	42.7
Nuclear.....	-	-	665	667	667	685	685	685	-	4.9
Hydroelectric.....	57	57	209	201	209	217	216	216	0.5	1.5
Other Renewables.....	256	312	352	315	305	305	293	296	2.4	2.1
Pumped Storage.....	-	-	1,495	1,650	1,650	1,643	1,643	1,643	-	11.8
Total Electric Industry.....	10,716	10,997	12,351	11,842	12,159	13,877	14,002	13,969	100.0	100.0
Coal.....	1,741	1,738	1,596	1,645	1,689	1,659	1,723	1,743	16.2	12.5
Petroleum.....	3,720	2,663	3,949	3,558	4,235	3,780	3,242	3,241	34.7	23.2
Natural Gas.....	2,260	3,697	4,038	3,761	3,360	5,544	6,157	6,102	21.1	43.7
Nuclear.....	831	669	665	667	667	685	685	685	7.8	4.9
Hydroelectric.....	261	265	255	246	253	261	260	260	2.4	1.9
Other Renewables.....	256	312	353	315	305	305	293	296	2.4	2.1
Pumped Storage.....	1,647	1,653	1,495	1,650	1,650	1,643	1,643	1,643	15.4	11.8

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	36,478,610	26,971,667	1,704,653	1,566,491	1,156,651	2,055,622	1,524,169	1,622,208	91.6	3.4
Coal.....	11,273,069	10,586,608	1,094,848	1,096,681	-	1,074,514	903,789	1,025,141	28.3	2.2
Petroleum.....	14,556,403	5,848,663	123,931	131,797	220,435	517,767	290,865	189,211	36.6	0.4
Natural Gas.....	5,279,993	6,206,477	307,009	218,432	728,570	234,942	98,542	118,034	13.3	0.2
Nuclear.....	5,069,620	4,485,845	-	-	-	-	-	-	12.7	-
Hydroelectric.....	969,108	650,277	299,933	119,581	207,646	228,399	230,973	289,822	2.4	0.6
Pumped Storage.....	-669,583	-806,203	-121,068	-	-	-	-	-	-1.7	-
Independent Power Producers and Combined Heat and Power.....	3,332,401	10,682,814	36,993,228	36,911,943	40,859,037	46,329,402	45,976,313	45,893,235	8.4	96.6
Coal.....	92,824	111,655	10,059,424	9,954,652	11,502,861	9,821,976	9,622,699	11,008,405	0.2	23.2
Petroleum.....	545,389	302,832	8,638,738	8,379,775	6,579,859	6,941,271	7,210,494	6,930,158	1.4	14.6
Natural Gas.....	852,709	8,028,533	10,400,063	11,478,572	15,140,404	22,188,989	20,911,003	20,158,532	2.1	42.4
Other Gases.....	830	-	-	-	-	-	-	-	*	-
Nuclear.....	-	-	5,512,255	5,144,033	5,768,766	4,977,955	5,938,600	5,475,057	-	11.5
Hydroelectric.....	280,134	218,372	765,226	582,924	655,301	846,783	767,308	752,128	0.7	1.6
Other Renewables.....	1,560,515	2,021,422	2,196,818	1,312,787	1,272,142	1,253,123	1,223,749	1,258,291	3.9	2.6
Pumped Storage.....	-	-	-579,296	-711,349	-842,801	-510,929	-498,326	-461,643	-	-1.0
Other.....	-	-	-	770,549	782,504	810,234	800,786	772,307	-	1.6
Total Electric Industry.....	39,811,011	37,654,481	38,697,881	38,478,434	42,015,688	48,385,024	47,500,482	47,515,443	100.0	100.0
Coal.....	11,365,893	10,698,263	11,154,272	11,051,333	11,502,861	10,896,490	10,526,488	12,033,546	28.5	25.3
Petroleum.....	15,101,792	6,151,495	8,762,669	8,511,572	6,800,294	7,459,038	7,501,359	7,119,369	37.9	15.0
Natural Gas.....	6,132,702	14,235,010	10,707,072	11,697,004	15,868,974	22,423,931	21,009,545	20,276,566	15.4	42.7
Other Gases.....	830	-	-	-	-	-	-	-	*	-
Nuclear.....	5,069,620	4,485,845	5,512,255	5,144,033	5,768,766	4,977,955	5,938,600	5,475,057	12.7	11.5
Hydroelectric.....	1,249,242	868,649	1,065,159	702,505	862,947	1,075,182	998,281	1,041,950	3.1	2.2
Other Renewables.....	1,560,515	2,021,422	2,196,818	1,312,787	1,272,142	1,253,123	1,223,749	1,258,291	3.9	2.6
Pumped Storage.....	-669,583	-806,203	-700,364	-711,349	-842,801	-510,929	-498,326	-461,643	-1.7	-1.0
Other.....	-	-	-	770,549	782,504	810,234	800,786	772,307	-	1.6

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Massachusetts								
Coal (cents per million Btu)	173.4	167.9	174.7	-	W	W	196.9	W
Average heat value (Btu per pound)	13,062	12,698	13,137	-	12,482	12,200	11,793	11,728
Average sulfur Content (percent)	1.2	0.7	1.0	-	0.7	1.1	0.6	0.5
Petroleum (cents per million Btu)	286.4	258.7	553.3	494.0	354.9	462.8	450.1	708.5
Average heat value (Btu per gallon)	150,310	151,624	143,298	150,000	151,755	149,850	148,871	147,900
Average sulfur Content (percent)	1.7	1.0	0.3	0.3	0.9	0.8	0.8	0.8
Natural Gas (cents per million Btu)	240.1	200.6	443.8	347.5	351.4	534.4	638.7	930.6
Average heat value (Btu per cubic foot)	1,052	1,026	1,037	1,030	1,024	1,032	1,035	1,033

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Massachusetts								
Sulfur Dioxide								
Coal.....	91	51	59	55	53	48	41	43
Petroleum.....	120	32	45	40	31	34	35	33
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	1	1	1	*	*	*	*	*
Total.....	212	83	105	96	85	82	76	76
Nitrogen Oxide								
Coal.....	44	28	20	17	17	15	14	14
Petroleum.....	22	7	9	10	8	10	9	7
Natural Gas.....	8	15	4	6	7	5	4	4
Other.....	3	3	4	7	6	7	7	7
Total.....	76	54	37	40	39	37	33	31
Carbon Dioxide								
Coal.....	10,356 ^R	9,644 ^R	10,494 ^R	10,014	10,709	9,964	9,605	10,900
Petroleum.....	12,539 ^R	5,339 ^R	7,333 ^R	7,342	5,702	6,396	6,157	5,794
Natural Gas.....	3,638 ^R	7,477 ^R	5,492 ^R	5,919	7,459	9,585	9,005	8,844
Other Renewables.....	1,008 ^R	1,215 ^R	1,263 ^R	1,281	1,214	1,256	1,286	1,283
Total.....	27,542 ^R	23,675 ^R	24,582 ^R	24,557	25,084	27,200	26,053	26,822

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Massachusetts										
Retail Sales (thousand megawatthours)										
Residential.....	15,581	15,993	17,562	17,984	18,695	19,591	19,769	20,539	34.3	35.9
Commercial.....	18,565	19,894	23,033	24,127	24,250	25,648	26,020	26,415	40.9	46.2
Industrial.....	10,157	10,026	10,533	9,757	10,087	9,984	9,947	9,871	22.4	17.2
Other.....	1,138	598	644	629	676	NA	NA	NA	2.5	NA
Transportation.....	NA	NA	NA	NA	NA	292	406	402	NA	0.7
All Sectors.....	45,442	46,510	51,773	52,496	53,708	55,514	56,142	57,228	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	1,505	1,800	1,850	2,243	2,043	2,272	2,323	2,760	37.4	39.6
Commercial.....	1,590	1,976	2,102	2,807	2,430	2,687	2,858	3,282	39.5	47.1
Industrial.....	802	843	864	915	841	891	844	910	19.9	13.0
Other.....	124	86	99	98	89	NA	NA	NA	3.1	NA
Transportation.....	NA	NA	NA	NA	NA	12	19	19	NA	0.3
All Sectors.....	4,020	4,705	4,914	6,062	5,404	5,862	6,045	6,971	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	9.66	11.26	10.53	12.47	10.93	11.60	11.75	13.44	NA	NA
Commercial.....	8.56	9.93	9.13	11.64	10.02	10.48	10.99	12.42	NA	NA
Industrial.....	7.89	8.41	8.20	9.37	8.34	8.93	8.48	9.22	NA	NA
Other.....	10.90	14.31	15.32	15.52	13.11	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	4.09	4.65	4.80	NA	NA
All Sectors.....	8.85	10.12	9.49	11.55	10.06	10.56	10.77	12.18	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	8	41	NA	NA	1	16	9	75
Number of Retail Customers	2,376,040	386,513	NA	NA	1	216,251	NA	2,978,805
Retail Sales (thousand megawatthours)	33,348	8,009	NA	NA	17	15,854	NA	57,228
Percentage of Retail Sales	58.27	13.99	NA	NA	0.03	27.70	NA	100.00
Revenue from Retail Sales (million dollars)	4,303	840	NA	NA	2	1,084	742	6,971
Percentage of Revenue	61.72	12.05	NA	NA	0.02	15.55	10.65	100.00
Average Retail Price (cents/kWh)	13.03	10.49	NA	NA	9.43	6.84	4.68	12.18

Massachusetts

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Michigan		
NERC Region(s).....		ECAR/MAIN/MRO
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	30,422	10
Electric Utilities.....	23,325	7
Independent Power Producers & Combined Heat and Power.....	7,097	17
Net Generation (megawatthours).....	121,619,771	12
Electric Utilities.....	104,955,391	7
Independent Power Producers & Combined Heat and Power.....	16,664,382	18
Emissions (thousand metric tons)		
Sulfur Dioxide	360	11
Nitrogen Oxide	123	11
Carbon Dioxide.....	78,726	12
Sulfur Dioxide (lbs/MWh)	6.5	16
Nitrogen Oxide (lbs/MWh)	2.2	27
Carbon Dioxide (lbs/MWh).....	1,427	24
Total Retail Sales (megawatthours).....	110,444,563	10
Full Service Provider Sales (megawatthours)	99,110,699	12
Deregulated Sales (megawatthours)	11,333,864	9
Direct Use (megawatthours)	2,477,902	16
Average Retail Price (cents/kWh).....	7.23	26

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Michigan			
1. Monroe.....	Coal	Detroit Edison Co	3,129
2. Donald C Cook	Nuclear	Indiana Michigan Power Co	2,093
3. Ludington.....	Pumped Storage	Consumers Energy Co	1,872
4. Midland Cogeneration Venture	Gas	Midland Cogeneration Venture	1,829
5. Dan E Karn	Coal	Consumers Energy Co	1,791
6. St Clair.....	Coal	Detroit Edison Co	1,690
7. Belle River.....	Coal	Detroit Edison Co	1,499
8. J H Campbell	Coal	Consumers Energy Co	1,448
9. Fermi.....	Nuclear	Detroit Edison Co	1,162
10. New Covert Generating Facility.....	Gas	New Covert Generating Company LLC	1,058

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Michigan						
1. Detroit Edison Co.....	Investor-Owned	44,746,864	16,811,958	15,618,132	12,316,774	0
2. Consumers Energy Company.....	Investor-Owned	34,421,732	13,286,010	11,431,935	9,703,787	0
3. Indiana Michigan Power Co.....	Investor-Owned	3,114,415	1,247,360	795,991	1,071,064	0
4. Wisconsin Electric Power Co.....	Investor-Owned	3,037,536	165,606	154,252	2,717,678	0
5. Constellation NewEnergy, Inc.....	Other Provider	2,519,945	0	1,372,019	1,147,926	0
Total Sales, Top Five Providers.....		87,840,492	31,510,934	29,372,329	26,957,229	0
Percent of Total State Sales.....		80	87	74	78	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Michigan										
Electric Utilities.....	22,315	21,981	22,752	22,831	23,279	23,345	23,314	23,325	89.2	76.7
Coal.....	11,931	11,794	11,636	11,638	11,627	11,636	11,623	11,633	47.7	38.2
Petroleum.....	2,524	2,373	1,831	1,860	1,654	1,685	1,649	1,647	10.1	5.4
Natural Gas.....	1,638	1,679	3,244	3,302	3,958	3,964	3,982	3,965	6.6	13.0
Other Gases.....	11	11	-	-	-	-	-	-	*	-
Nuclear.....	4,007	3,989	3,930	3,931	3,938	3,971	3,971	3,982	16.0	13.1
Hydroelectric.....	331	263	238	228	229	218	217	225	1.3	0.7
Pumped Storage.....	1,872	1,872	1,872	1,872	1,872	1,872	1,872	1,872	7.5	6.2
Independent Power Producers and Combined Heat and Power.....	2,690	2,925	3,027	4,053	6,056	7,104	7,133	7,097	10.8	23.3
Coal.....	677	654	329	291	354	354	354	349	2.7	1.1
Petroleum.....	*	2	13	11	50	52	70	27	*	0.1
Natural Gas.....	1,755	1,840	2,192	3,270	5,238	6,303	6,315	6,322	7.0	20.8
Other Gases.....	-	-	-	-	-	-	-	5	-	*
Hydroelectric.....	26	26	27	25	27	27	27	28	0.1	0.1
Other Renewables.....	232	402	466	455	388	368	367	367	0.9	1.2
Total Electric Industry.....	25,005	24,906	25,779	26,884	29,335	30,450	30,447	30,422	100.0	100.0
Coal.....	12,608	12,449	11,965	11,929	11,981	11,989	11,976	11,982	50.4	39.4
Petroleum.....	2,525	2,376	1,844	1,872	1,704	1,737	1,719	1,675	10.1	5.5
Natural Gas.....	3,393	3,520	5,436	6,572	9,196	10,268	10,296	10,286	13.6	33.8
Other Gases.....	11	11	-	-	-	-	-	5	*	*
Nuclear.....	4,007	3,989	3,930	3,931	3,938	3,971	3,971	3,982	16.0	13.1
Hydroelectric.....	357	288	265	253	257	245	245	253	1.4	0.8
Other Renewables.....	232	402	467	455	388	368	367	367	0.9	1.2
Pumped Storage.....	1,872	1,872	1,872	1,872	1,872	1,872	1,872	1,872	7.5	6.2

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Michigan										
Electric Utilities.....	89,058,681	92,478,772	89,572,141	97,067,330	100,451,718	96,634,055	99,608,512	104,955,391	89.0	86.3
Coal.....	65,295,742	65,425,002	66,980,252	66,931,691	65,389,899	66,448,916	67,253,690	69,158,736	65.3	56.9
Petroleum.....	689,461	687,264	993,932	724,313	1,090,767	883,847	714,881	788,563	0.7	0.6
Natural Gas.....	665,142	1,163,390	2,441,140	2,362,038	2,336,031	1,098,627	735,011	1,841,793	0.7	1.5
Other Gases.....	-	-	-	-	-	-	1,082	-	-	-
Nuclear.....	21,610,500	24,448,397	18,882,432	26,710,782	31,087,454	27,953,563	30,561,961	32,871,574	21.6	27.0
Hydroelectric.....	1,492,822	1,486,539	1,328,083	1,450,093	1,557,942	1,242,987	1,420,178	1,355,963	1.5	1.1
Pumped Storage.....	-694,986	-731,820	-1,053,698	-1,126,837	-1,035,560	-1,017,246	-1,112,984	-1,106,241	-0.7	-0.9
Other.....	-	-	-	15,250	25,185	23,361	34,693	45,003	-	*
Independent Power Producers and Combined Heat and Power.....	11,001,056	14,965,840	14,637,453	14,778,280	17,437,369	14,713,005	18,878,757	16,664,380	11.0	13.7
Coal.....	1,771,128	1,775,643	1,286,747	1,331,473	1,309,609	1,328,567	1,368,022	1,186,894	1.8	1.0
Petroleum.....	172,264	167,990	195,331	25,574	12,718	180,046	178,619	109,319	0.2	0.1
Natural Gas.....	7,172,814	10,411,464	10,166,124	10,811,473	13,517,387	10,275,917	14,370,729	11,790,078	7.2	9.7
Other Gases.....	340,949	1,430	-	5,614	10,108	2,193	39,331	697,417	0.3	0.6
Hydroelectric.....	135,096	110,647	99,596	111,830	111,310	142,837	119,406	105,745	0.1	0.1
Other Renewables.....	1,408,805	2,483,380	2,889,594	2,361,663	2,220,005	2,497,694	2,545,410	2,520,268	1.4	2.1
Other.....	-	15,286	61	130,653	256,232	285,751	257,239	254,661	-	0.2
Total Electric Industry.....	100,059,737	107,444,612	104,209,594	111,845,610	117,889,087	111,347,060	118,487,269	121,619,771	100.0	100.0
Coal.....	67,066,870	67,200,645	68,266,999	68,263,164	66,699,508	67,777,483	68,621,712	70,345,630	67.0	57.8
Petroleum.....	861,725	855,254	1,189,263	749,887	1,103,485	1,063,893	893,500	897,882	0.9	0.7
Natural Gas.....	7,837,956	11,574,854	12,607,264	13,173,511	15,853,418	11,374,544	15,105,740	13,631,871	7.8	11.2
Other Gases.....	340,949	1,430	-	5,614	10,108	2,193	40,413	697,417	0.3	0.6
Nuclear.....	21,610,500	24,448,397	18,882,432	26,710,782	31,087,454	27,953,563	30,561,961	32,871,574	21.6	27.0
Hydroelectric.....	1,627,918	1,597,186	1,427,679	1,561,923	1,669,252	1,385,824	1,539,584	1,461,708	1.6	1.2
Other Renewables.....	1,408,805	2,483,380	2,889,594	2,361,663	2,220,005	2,497,694	2,545,410	2,520,268	1.4	2.1
Pumped Storage.....	-694,986	-731,820	-1,053,698	-1,126,837	-1,035,560	-1,017,246	-1,112,984	-1,106,241	-0.7	-0.9
Other.....	-	15,286	61	145,903	281,417	309,112	291,932	299,664	-	0.2

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Michigan								
Coal (cents per million Btu)	159.9	144.9	130.4	127.5	W	134.5	138.8	158.2
Average heat value (Btu per pound)	11,131	10,677	10,425	10,235	10,255	10,123	9,967	10,021
Average sulfur Content (percent)	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.6
Petroleum (cents per million Btu)	320.2	288.2	368.2	398.0	273.8	W	W	W
Average heat value (Btu per gallon)	146,012	146,081	136,583	148,810	144,917	146,845	146,540	145,714
Average sulfur Content (percent)	0.7	0.8	1.5	1.4	1.9	1.7	1.5	1.7
Natural Gas (cents per million Btu)	210.6	199.5	389.9	382.5	352.1	386.2	436.5	556.5
Average heat value (Btu per cubic foot)	224	365	710	990	1,007	1,015	1,018	1,013

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Michigan								
Sulfur Dioxide								
Coal.....	363	358	359	336	325	335	322	329
Petroleum.....	16	21	23	26	24	24	24	26
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	4	4	3	6	8	6	6	6
Total.....	383	383	385	368	357	364	351	360
Nitrogen Oxide								
Coal.....	295	283	154	136	122	115	106	104
Petroleum.....	2	2	2	4	3	4	4	4
Natural Gas.....	11	15	12	17	16	6	5	5
Other.....	2	4	5	9	11	10	10	10
Total.....	311	304	173	166	152	134	124	123
Carbon Dioxide								
Coal.....	64,311 ^R	65,220 ^R	67,752 ^R	68,240	64,386	65,212	67,917	69,834
Petroleum.....	1,012 ^R	1,334 ^R	1,749 ^R	790	1,068	1,479	1,419	899
Natural Gas.....	5,251 ^R	7,256 ^R	7,782 ^R	7,503	8,264	5,974	7,577	7,450
Other Renewables.....	260 ^R	385 ^R	521 ^R	250	578	586	549	542
Total.....	70,834 ^R	74,194 ^R	77,804 ^R	76,782	74,295	73,251	77,462	78,726

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Michigan										
Retail Sales (thousand megawatthours)										
Residential.....	25,319	28,623	30,707	32,305	34,336	33,669	33,104	36,095	30.7	32.7
Commercial.....	20,610	31,306	35,867	35,025	35,880	35,391	38,632	39,600	25.0	35.9
Industrial.....	35,062	33,921	37,268	34,174	33,537	39,813	34,867	34,745	42.6	31.5
Other.....	1,376	852	930	905	960	NA	NA	NA	1.7	NA
Transportation.....	NA	NA	NA	NA	NA	3	3	5	NA	*
All Sectors.....	82,367	94,701	104,772	102,409	104,714	108,877	106,606	110,445	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	1,982	2,387	2,618	2,667	2,845	2,813	2,759	3,033	33.9	38.0
Commercial.....	1,679	2,462	2,832	2,640	2,794	2,672	2,925	3,105	28.7	38.9
Industrial.....	2,051	1,739	1,898	1,738	1,684	1,976	1,717	1,850	35.1	23.2
Other.....	137	91	100	94	100	NA	NA	NA	2.3	NA
Transportation.....	NA	NA	NA	NA	NA	*	*	1	NA	*
All Sectors.....	5,850	6,679	7,449	7,139	7,423	7,461	7,401	7,988	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.83	8.34	8.52	8.26	8.28	8.35	8.33	8.40	NA	NA
Commercial.....	8.14	7.86	7.90	7.54	7.79	7.55	7.57	7.84	NA	NA
Industrial.....	5.85	5.13	5.09	5.08	5.02	4.96	4.92	5.32	NA	NA
Other.....	9.98	10.71	10.77	10.38	10.43	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	8.21	7.89	13.07	NA	NA
All Sectors.....	7.10	7.05	7.11	6.97	7.09	6.85	6.94	7.23	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	9	41	NA	10	2	13	2	77
Number of Retail Customers	4,198,792	304,039	NA	286,956	2	17,649	NA	4,807,438
Retail Sales (thousand megawatthours)	87,504	8,020	NA	3,079	508	11,334	NA	110,445
Percentage of Retail Sales	79.23	7.26	NA	2.79	0.46	10.26	NA	100.00
Revenue from Retail Sales (million dollars)	6,352	565	NA	286	27	588	169	7,988
Percentage of Revenue	79.52	7.07	NA	3.58	0.33	7.37	2.12	100.00
Average Retail Price (cents/kWh)	7.26	7.05	NA	9.30	5.25	5.19	1.49	7.23

Michigan

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Minnesota		
NERC Region(s).....		MRO
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	12,105	30
Electric Utilities.....	10,543	22
Independent Power Producers & Combined Heat and Power.....	1,562	38
Net Generation (megawatthours).....	53,018,995	25
Electric Utilities.....	46,791,349	20
Independent Power Producers & Combined Heat and Power.....	6,227,646	34
Emissions (thousand metric tons)		
Sulfur Dioxide	101	25
Nitrogen Oxide	86	17
Carbon Dioxide.....	38,879	26
Sulfur Dioxide (lbs/MWh)	4.2	25
Nitrogen Oxide (lbs/MWh)	3.6	13
Carbon Dioxide (lbs/MWh).....	1,617	18
Total Retail Sales (megawatthours).....	66,019,053	24
Full Service Provider Sales (megawatthours)	66,019,053	22
Direct Use (megawatthours)	1,185,448	25
Average Retail Price (cents/kWh).....	6.61	35

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Minnesota			
1. Sherburne County.....	Coal	Northern States Power Co	2,233
2. Prairie Island.....	Nuclear	Northern States Power Co	1,045
3. Clay Boswell.....	Coal	Minnesota Power Inc	918
4. Black Dog.....	Coal	Northern States Power Co	580
5. Monticello.....	Nuclear	Northern States Power Co	572
6. Allen S King.....	Coal	Northern States Power Co	528
7. Lakefield Junction	Gas	Great River Energy	515
8. Blue Lake.....	Gas	Northern States Power Co	490
9. Pleasant Valley	Gas	Great River Energy	424
10. Riverside.....	Coal	Northern States Power Co	381

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Minnesota						
1. Northern States Power Co	Investor-Owned	31,711,834	8,841,946	13,851,304	8,993,804	24,780
2. Minnesota Power Inc	Investor-Owned	9,051,942	1,013,157	1,277,116	6,761,669	0
3. Otter Tail Power Co	Investor-Owned	2,016,978	523,649	1,066,645	426,684	0
4. Anoka Electric Coop	Cooperative	1,940,284	1,144,101	666,234	129,949	0
5. Dakota Electric Assn	Cooperative	1,794,874	939,834	53,597	801,443	0
Total Sales, Top Five Providers		46,515,912	12,462,687	16,914,896	17,113,549	24,780
Percent of Total State Sales		70	57	77	77	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Minnesota										
Electric Utilities.....	8,834	8,923	9,067	10,110	10,329	10,162	10,179	10,543	93.9	87.1
Coal.....	5,757	5,630	5,613	5,729	5,726	5,342	5,260	5,087	61.2	42.0
Petroleum.....	844	909	1,019	1,051	1,020	669	699	711	9.0	5.9
Natural Gas.....	467	589	475	1,373	1,637	2,276	2,336	2,852	5.0	23.6
Nuclear.....	1,540	1,571	1,646	1,646	1,646	1,613	1,613	1,617	16.4	13.4
Hydroelectric.....	137	142	136	132	134	133	133	133	1.5	1.1
Other Renewables.....	88	82	178	179	166	129	138	143	0.9	1.2
Other.....	*	-	-	-	-	-	-	-	*	-
Independent Power Producers and Combined Heat and Power	579	628	1,187	965	958	1,323	1,372	1,562	6.1	12.9
Coal.....	348	345	354	157	158	358	361	358	3.7	3.0
Petroleum.....	14	25	26	29	29	26	27	28	0.1	0.2
Natural Gas.....	54	50	308	317	306	306	305	305	0.6	2.5
Hydroelectric.....	60	64	64	42	42	43	43	43	0.6	0.4
Other Renewables.....	102	145	435	410	412	579	626	817	1.1	6.7
Other.....	-	-	-	11	11	11	11	11	-	0.1
Total Electric Industry.....	9,412	9,551	10,255	11,075	11,287	11,485	11,551	12,105	100.0	100.0
Coal.....	6,105	5,975	5,967	5,886	5,885	5,701	5,621	5,446	64.9	45.0
Petroleum.....	858	934	1,045	1,080	1,049	696	726	739	9.1	6.1
Natural Gas.....	521	639	783	1,690	1,942	2,581	2,641	3,157	5.5	26.1
Nuclear.....	1,540	1,571	1,646	1,646	1,646	1,613	1,613	1,617	16.4	13.4
Hydroelectric.....	197	206	200	173	176	176	176	176	2.1	1.5
Other Renewables.....	190	227	614	588	578	708	763	960	2.0	7.9
Other.....	*	-	-	11	11	11	11	11	*	0.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Minnesota										
Electric Utilities.....	41,549,628	42,502,869	46,615,673	44,798,014	48,568,719	49,576,276	47,232,462	46,791,349	96.5	88.3
Coal.....	27,587,603	26,820,765	31,731,081	31,037,544	32,200,713	33,157,032	31,477,117	30,514,512	64.1	57.6
Petroleum.....	440,740	484,708	440,264	599,557	640,129	845,239	752,362	752,774	1.0	1.4
Natural Gas.....	326,083	702,702	433,177	371,643	897,018	1,072,867	923,557	1,706,322	0.8	3.2
Nuclear.....	12,139,302	13,243,469	12,959,976	11,789,027	13,684,824	13,413,828	13,295,502	12,835,219	28.2	24.2
Hydroelectric.....	657,574	822,599	635,541	619,404	736,795	686,227	549,598	574,680	1.5	1.1
Other Renewables.....	398,326	428,626	415,634	217,078	229,176	220,598	137,351	237,425	0.9	0.4
Other.....	-	-	-	163,761	180,064	180,485	96,975	170,417	-	0.3
Independent Power Producers and Combined Heat and Power.....	1,520,748	2,668,015	4,807,666	3,725,212	4,209,248	5,474,720	5,131,665	6,227,646	3.5	11.7
Coal.....	588,677	1,243,174	2,017,007	781,619	1,719,496	2,498,497	2,538,896	2,395,830	1.4	4.5
Petroleum.....	7,074	10,118	34,513	25,499	12,662	27,826	28,418	30,584	*	0.1
Natural Gas.....	213,756	327,705	831,844	827,934	694,936	771,569	583,855	1,037,663	0.5	2.0
Hydroelectric.....	199,472	275,526	295,842	212,214	72,289	128,346	188,713	200,049	0.5	0.4
Other Renewables.....	511,769	811,492	1,628,460	1,760,034	1,557,511	1,900,033	1,596,500	2,410,197	1.2	4.5
Other.....	-	-	-	117,912	152,354	148,450	195,283	153,323	-	0.3
Total Electric Industry.....	43,070,376	45,170,884	51,423,339	48,523,226	52,777,967	55,050,996	52,364,127	53,018,995	100.0	100.0
Coal.....	28,176,280	28,063,939	33,748,088	31,819,163	33,920,209	35,655,529	34,016,013	32,910,342	65.4	62.1
Petroleum.....	447,814	494,826	474,777	625,056	652,791	873,065	780,780	783,358	1.0	1.5
Natural Gas.....	539,839	1,030,407	1,265,021	1,199,577	1,591,954	1,844,436	1,507,412	2,743,985	1.3	5.2
Nuclear.....	12,139,302	13,243,469	12,959,976	11,789,027	13,684,824	13,413,828	13,295,502	12,835,219	28.2	24.2
Hydroelectric.....	857,046	1,098,125	931,383	831,618	809,084	814,573	738,311	774,729	2.0	1.5
Other Renewables.....	910,095	1,240,118	2,044,094	1,977,113	1,786,687	2,120,631	1,733,851	2,647,622	2.1	5.0
Other.....	-	-	-	281,672	332,418	328,935	292,258	323,740	-	0.6

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Minnesota								
Coal (cents per million Btu)	125.2	114.0	111.1	101.8	W	W	W	W
Average heat value (Btu per pound)	8,788	8,828	8,929	8,930	8,860	8,895	8,914	8,909
Average sulfur Content (percent)	0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.4
Petroleum (cents per million Btu)	92.5	85.0	53.5	65.5	60.1	W	W	W
Average heat value (Btu per gallon)	73,719	73,310	72,531	132,857	131,267	133,093	134,967	133,848
Average sulfur Content (percent)	5.2	5.1	5.2	5.4	5.8	5.7	5.4	5.5
Natural Gas (cents per million Btu)	192.1	176.1	448.7	520.8	W	W	W	W
Average heat value (Btu per cubic foot)	1,003	1,006	1,011	1,000	1,007	1,007	1,008	1,012

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Minnesota								
Sulfur Dioxide								
Coal.....	95	102	90	70	83	83	86	82
Petroleum.....	*	*	12	17	14	27	17	15
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	6	8	4	4	4	3	4	4
Total.....	102	111	106	91	101	113	108	101
Nitrogen Oxide								
Coal.....	156	165	91	77	80	87	83	76
Petroleum.....	*	*	1	2	2	3	3	2
Natural Gas.....	2	3	2	2	2	2	2	3
Other.....	3	4	4	4	5	4	4	4
Total.....	161	172	97	85	89	97	92	86
Carbon Dioxide								
Coal.....	30,021 ^R	31,532 ^R	35,169 ^R	33,858	35,004	37,068	36,012	35,794
Petroleum.....	486 ^R	526 ^R	754 ^R	687	654	881	826	798
Natural Gas.....	704 ^R	1,142 ^R	1,161 ^R	1,079	1,158	1,221	1,121	1,787
Other Renewables.....	186 ^R	187 ^R	164 ^R	326	493	487	360	500
Total.....	31,396 ^R	33,387 ^R	37,249 ^R	35,950	37,309	39,658	38,318	38,879

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Minnesota										
Retail Sales (thousand megawatthours)										
Residential.....	14,858	16,974	18,629	19,400	20,451	20,638	20,507	21,743	31.5	32.9
Commercial.....	8,086	9,700	11,580	19,799	19,457	20,533	20,407	21,985	17.1	33.3
Industrial.....	23,497	26,577	28,842	20,767	21,515	21,916	22,415	22,266	49.8	33.7
Other.....	727	707	730	721	740	NA	NA	NA	1.5	NA
Transportation.....	NA	NA	NA	NA	NA	NA	11	25	NA	*
All Sectors.....	47,167	53,959	59,782	60,687	62,162	63,087	63,340	66,019	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	1,011	1,217	1,400	1,476	1,531	1,579	1,624	1,799	40.2	41.2
Commercial.....	483	601	736	1,193	1,143	1,257	1,287	1,448	19.2	33.2
Industrial.....	973	1,143	1,319	902	875	955	1,038	1,118	38.7	25.6
Other.....	49	51	56	54	54	NA	NA	NA	1.9	NA
Transportation.....	NA	NA	NA	NA	NA	NA	1	2	NA	*
All Sectors.....	2,516	3,011	3,511	3,626	3,604	3,791	3,950	4,366	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	6.80	7.17	7.52	7.61	7.49	7.65	7.92	8.28	NA	NA
Commercial.....	5.98	6.19	6.36	6.03	5.88	6.12	6.31	6.59	NA	NA
Industrial.....	4.14	4.30	4.57	4.34	4.07	4.36	4.63	5.02	NA	NA
Other.....	6.72	7.21	7.60	7.43	7.36	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	NA	6.75	6.21	NA	NA
All Sectors.....	5.33	5.58	5.87	5.97	5.80	6.01	6.24	6.61	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	5	125	1	46	NA	NA	NA	177
Number of Retail Customers	1,411,598	349,441	5	713,868	NA	NA	NA	2,474,912
Retail Sales (thousand megawatthours)	43,617	9,379	54	12,970	NA	NA	NA	66,019
Percentage of Retail Sales	66.07	14.21	0.08	19.65	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	2,767	622	1	976	NA	NA	NA	4,366
Percentage of Revenue	63.37	14.25	0.02	22.36	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	6.34	6.63	1.60	7.53	NA	NA	NA	6.61

Minnesota

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.

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

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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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Mississippi		
NERC Region(s).....		SERC/SPP
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	16,885	23
Electric Utilities.....	8,904	27
Independent Power Producers & Combined Heat and Power.....	7,980	13
Net Generation (megawatthours).....	45,067,453	33
Electric Utilities.....	30,619,168	34
Independent Power Producers & Combined Heat and Power.....	14,448,286	20
Emissions (thousand metric tons)		
Sulfur Dioxide	79	28
Nitrogen Oxide	44	35
Carbon Dioxide.....	25,146	35
Sulfur Dioxide (lbs/MWh)	3.9	29
Nitrogen Oxide (lbs/MWh)	2.1	29
Carbon Dioxide (lbs/MWh).....	1,230	35
Total Retail Sales (megawatthours).....	45,901,064	30
Full Service Provider Sales (megawatthours)	45,901,064	28
Direct Use (megawatthours)	1,349,941	21
Average Retail Price (cents/kWh).....	7.54	22

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Mississippi			
1. Victor J Daniel Jr.....	Coal	Mississippi Power Co	1,974
2. Grand Gulf.....	Nuclear	Entergy Operations Inc	1,266
3. Baxter Wilson.....	Gas	Entergy Mississippi Inc	1,230
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 Operating	Gas	Southaven Operating Services, LLC	759
9. Gerald Andrus.....	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 Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Mississippi						
1. Entergy Mississippi Inc	Investor-Owned	13,340,892	5,333,039	5,041,374	2,966,479	0
2. Mississippi Power Co	Investor-Owned	8,703,507	2,179,756	2,725,274	3,798,477	0
3. Tennessee Valley Authority	Federal	3,078,515	0	0	3,078,515	0
4. Southern Pine Elec Pwr Assn	Cooperative	1,841,460	922,886	273,054	645,520	0
5. Coast Electric Power Assn	Cooperative	1,442,326	967,354	259,283	215,689	0
Total Sales, Top Five Providers		28,406,700	9,403,035	8,298,985	10,704,680	0
Percent of Total State Sales		62	52	66	70	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Mississippi										
Electric Utilities.....	7,016	7,170	7,057	7,964	8,888	9,279	9,015	8,904	95.2	52.7
Coal.....	2,244	2,255	2,208	2,208	2,225	2,231	2,220	2,123	30.4	12.6
Petroleum.....	31	31	60	54	36	36	32	34	0.4	0.2
Natural Gas.....	3,599	3,711	3,579	4,492	5,396	5,749	5,493	5,481	48.8	32.5
Nuclear.....	1,142	1,173	1,210	1,210	1,231	1,263	1,270	1,266	15.5	7.5
Independent Power Producers and Combined Heat and Power	355	366	1,958	3,121	4,803	8,004	8,004	7,980	4.8	47.3
Coal.....	-	-	-	-	440	440	440	440	-	2.6
Natural Gas.....	61	71	1,690	2,860	4,080	7,281	7,331	7,307	0.8	43.3
Other Gases.....	-	-	-	-	4	4	4	4	-	*
Other Renewables.....	294	294	263	255	279	279	229	229	4.0	1.4
Total Electric Industry.....	7,371	7,536	9,015	11,084	13,691	17,282	17,019	16,885	100.0	100.0
Coal.....	2,244	2,255	2,208	2,208	2,665	2,671	2,660	2,563	30.4	15.2
Petroleum.....	31	32	66	60	36	36	32	34	0.4	0.2
Natural Gas.....	3,660	3,782	5,269	7,352	9,476	13,029	12,824	12,789	49.7	75.7
Other Gases.....	-	-	-	-	4	4	4	4	-	*
Nuclear.....	1,142	1,173	1,210	1,210	1,231	1,263	1,270	1,266	15.5	7.5
Other Renewables.....	294	294	263	255	279	279	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 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Mississippi										
Electric Utilities.....	22,923,971	26,395,165	33,896,003	47,550,273	35,099,283	31,358,938	32,838,145	30,619,168	91.0	67.9
Coal.....	9,445,584	9,259,980	13,877,065	19,196,065	12,483,658	13,742,273	14,274,786	13,389,906	37.5	29.7
Petroleum.....	705,474	23,738	2,970,676	5,120,602	26,357	1,620,395	2,763,630	1,432,077	2.8	3.2
Natural Gas.....	5,350,782	9,098,126	6,353,707	13,309,724	12,529,809	5,093,814	5,566,963	5,719,339	21.2	12.7
Nuclear.....	7,422,131	8,013,321	10,694,555	9,923,882	10,059,459	10,902,456	10,232,766	10,077,846	29.5	22.4
Independent Power Producers and Combined Heat and Power.....	2,277,446	2,585,696	3,718,560	5,896,179	7,801,658	8,789,340	10,824,468	14,448,285	9.0	32.1
Coal.....	80,943	64,972	-	-	2,369,485	3,340,331	3,202,897	3,245,982	0.3	7.2
Petroleum.....	33,497	14,042	10,854	23,088	3,945	11,461	34,038	12,771	0.1	*
Natural Gas.....	568,882	623,044	2,027,402	4,440,828	4,441,588	4,383,419	6,065,043	9,637,410	2.3	21.4
Other Gases.....	-	-	-	-	37,916	31,799	40,760	19,886	-	*
Hydroelectric.....	-	-	-	-	12,129	-	-	-	-	-
Other Renewables.....	1,594,124	1,883,638	1,680,304	1,432,117	936,595	1,022,175	1,478,056	1,525,285	6.3	3.4
Other.....	-	-	-	146	-	156	3,674	6,952	-	*
Total Electric Industry.....	25,201,417	28,980,861	37,614,563	53,446,452	42,900,941	40,148,278	43,662,613	45,067,453	100.0	100.0
Coal.....	9,526,527	9,324,952	13,877,065	19,196,065	14,853,143	17,082,604	17,477,683	16,635,888	37.8	36.9
Petroleum.....	738,971	37,780	2,981,530	5,143,690	30,302	1,631,856	2,797,668	1,444,848	2.9	3.2
Natural Gas.....	5,919,664	9,721,170	8,381,109	17,750,552	16,971,397	9,477,233	11,632,006	15,356,749	23.5	34.1
Other Gases.....	-	-	-	-	37,916	31,799	40,760	19,886	-	*
Nuclear.....	7,422,131	8,013,321	10,694,555	9,923,882	10,059,459	10,902,456	10,232,766	10,077,846	29.5	22.4
Hydroelectric.....	-	-	-	-	12,129	-	-	-	-	-
Other Renewables.....	1,594,124	1,883,638	1,680,304	1,432,117	936,595	1,022,175	1,478,056	1,525,285	6.3	3.4
Other.....	-	-	-	146	-	156	3,674	6,952	-	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Mississippi								
Coal (cents per million Btu)	165.4	153.3	152.2	163.5	W	W	W	W
Average heat value (Btu per pound)	12,543	11,221	11,549	11,670	9,723	9,235	9,087	8,993
Average sulfur Content (percent)	1.6	1.0	0.9	0.7	0.6	0.6	0.6	0.6
Petroleum (cents per million Btu)	243.3	374.3	333.3	377.4	427.7	411.9	465.4	651.5
Average heat value (Btu per gallon)	151,229	139,507	155,569	154,524	145,986	155,336	155,638	155,064
Average sulfur Content (percent)	2.8	0.2	2.8	3.0	1.4	2.8	2.8	2.9
Natural Gas (cents per million Btu)	176.5	171.0	390.1	344.6	346.4	556.5	594.4	910.8
Average heat value (Btu per cubic foot)	1,036	1,039	1,028	1,020	1,030	1,036	1,033	1,034

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Mississippi								
Sulfur Dioxide								
Coal.....	96	72	81	63	60	62	62	60
Petroleum.....	11	*	38	64	1	12	16	8
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	12	15	13	11	11	12	12	11
Total.....	120	87	132	138	72	86	90	79
Nitrogen Oxide								
Coal.....	37	49	31	25	26	32	30	28
Petroleum.....	1	*	10	17	*	6	10	5
Natural Gas.....	11	16	19	12	16	6	5	7
Other.....	4	4	3	4	4	4	4	4
Total.....	53	70	63	59	47	48	50	44
Carbon Dioxide								
Coal.....	9,168 ^R	9,160 ^R	13,295 ^R	17,936	14,006	16,411	16,897	16,177
Petroleum.....	684 ^R	49 ^R	2,366 ^R	4,333	35	1,328	2,249	1,255
Natural Gas.....	4,789 ^R	7,228 ^R	6,654 ^R	8,965	9,297	5,678	6,201	7,694
Other Renewables.....	-	4 ^R	1 ^R	1	-	1	7	21
Total.....	14,641 ^R	16,440 ^R	22,316 ^R	31,235	23,337	23,418	25,354	25,146

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Mississippi										
Retail Sales (thousand megawatthours)										
Residential.....	12,266	14,181	17,193	16,856	17,844	17,670	17,580	17,953	38.2	39.1
Commercial.....	6,746	7,539	11,451	11,357	11,773	12,593	12,750	12,666	21.0	27.6
Industrial.....	12,454	15,477	15,856	15,268	15,021	15,281	15,702	15,282	38.8	33.3
Other.....	661	671	836	805	815	NA	NA	NA	2.1	NA
All Sectors.....	32,127	37,868	45,336	44,287	45,452	45,544	46,033	45,901	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	845	991	1,191	1,243	1,299	1,343	1,444	1,564	43.0	45.2
Commercial.....	486	529	734	788	804	913	1,019	1,075	24.8	31.1
Industrial.....	579	688	657	672	661	684	759	821	29.5	23.7
Other.....	53	57	70	72	71	NA	NA	NA	2.7	NA
All Sectors.....	1,963	2,265	2,652	2,775	2,835	2,940	3,221	3,460	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	6.89	6.99	6.93	7.37	7.28	7.60	8.21	8.71	NA	NA
Commercial.....	7.21	7.01	6.41	6.94	6.83	7.25	7.99	8.48	NA	NA
Industrial.....	4.65	4.44	4.14	4.40	4.40	4.48	4.83	5.37	NA	NA
Other.....	8.03	8.56	8.33	8.95	8.76	NA	NA	NA	NA	NA
All Sectors.....	6.11	5.98	5.85	6.26	6.24	6.46	7.00	7.54	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

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	610,082	132,871	7	680,121	NA	NA	NA	1,423,081
Retail Sales (thousand megawatthours)	22,044	4,298	3,079	16,480	NA	NA	NA	45,901
Percentage of Retail Sales	48.03	9.36	6.71	35.90	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	1,787	296	97	1,280	NA	NA	NA	3,460
Percentage of Revenue	51.65	8.56	2.79	37.01	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	8.11	6.89	3.14	7.77	NA	NA	NA	7.54

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Missouri		
NERC Region(s).....		MAIN/MRO/SERC/SPP
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	20,533	19
Electric Utilities.....	18,970	13
Independent Power Producers & Combined Heat and Power.....	1,562	37
Net Generation (megawatthours).....	90,828,230	20
Electric Utilities.....	90,159,045	11
Independent Power Producers & Combined Heat and Power.....	669,186	45
Emissions (thousand metric tons)		
Sulfur Dioxide	273	15
Nitrogen Oxide	115	12
Carbon Dioxide.....	79,829	11
Sulfur Dioxide (lbs/MWh)	6.6	15
Nitrogen Oxide (lbs/MWh)	2.8	21
Carbon Dioxide (lbs/MWh).....	1,938	10
Total Retail Sales (megawatthours).....	80,940,494	19
Full Service Provider Sales (megawatthours)	80,940,494	18
Direct Use (megawatthours)	142,644	42
Average Retail Price (cents/kWh).....	6.13	42

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Missouri			
1. Labadie	Coal	Union Electric Co	2,415
2. Rush Island	Coal	Union Electric Co	1,208
3. Callaway	Nuclear	Union Electric Co	1,190
4. New Madrid.....	Coal	Associated Electric Coop Inc	1,160
5. Thomas Hill	Coal	Associated Electric Coop Inc	1,120
6. Sioux	Coal	Union Electric Co	994
7. Hawthorn	Coal	Kansas City Power & Light Co	983
8. Meramec	Coal	Union Electric Co	940
9. Iatan	Coal	Kansas City Power & Light Co	651
10. Audrain Generating Station.....	Gas	NRG South Central Ops Inc	640

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Union Electric Co.....	Investor-Owned	36,273,451	13,648,949	14,258,618	8,346,469	19,415
2. Kansas City Power & Light Co.....	Investor-Owned	8,623,404	2,583,942	4,320,636	1,718,826	0
3. Aquila Inc.....	Investor-Owned	7,553,520	3,391,013	2,853,416	1,309,091	0
4. Empire District Electric Co.....	Investor-Owned	4,043,707	1,663,831	1,471,780	908,096	0
5. Springfield City of.....	Public	3,056,222	997,971	1,522,848	535,403	0
Total Sales, Top Five Providers.....		59,550,304	22,285,706	24,427,298	12,817,885	19,415
Percent of Total State Sales.....		74	65	82	76	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	15,180	15,724	17,180	17,726	18,409	18,587	18,606	18,970	99.3	92.4
Coal.....	10,678	10,540	11,032	11,032	11,053	11,172	11,159	11,172	69.9	54.4
Petroleum.....	961	1,351	1,198	1,616	1,236	1,259	1,243	1,241	6.3	6.0
Natural Gas.....	1,355	1,599	2,607	2,736	3,778	3,806	3,853	4,158	8.9	20.2
Nuclear.....	1,125	1,125	1,143	1,143	1,143	1,137	1,137	1,190	7.4	5.8
Hydroelectric.....	544	543	543	543	543	556	556	552	3.6	2.7
Pumped Storage.....	518	567	657	657	657	657	657	657	3.4	3.2
Independent Power Producers and Combined Heat and Power.....	106	109	105	1,202	1,394	1,390	1,557	1,562	0.7	7.6
Coal.....	97	96	93	95	96	96	98	100	0.6	0.5
Petroleum.....	2	9	7	9	11	11	11	13	*	0.1
Natural Gas.....	6	4	5	1,098	1,287	1,284	1,449	1,449	*	7.1
Total Electric Industry.....	15,286	15,833	17,285	18,928	19,803	19,977	20,163	20,533	100.0	100.0
Coal.....	10,775	10,636	11,125	11,127	11,148	11,267	11,257	11,273	70.5	54.9
Petroleum.....	963	1,360	1,205	1,625	1,247	1,270	1,254	1,254	6.3	6.1
Natural Gas.....	1,361	1,602	2,612	3,834	5,065	5,089	5,302	5,607	8.9	27.3
Nuclear.....	1,125	1,125	1,143	1,143	1,143	1,137	1,137	1,190	7.4	5.8
Hydroelectric.....	544	543	543	543	543	556	556	552	3.6	2.7
Pumped Storage.....	518	567	657	657	657	657	657	657	3.4	3.2

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Missouri										
Electric Utilities.....	59,010,858	65,400,254	76,283,550	78,990,878	79,796,801	86,102,107	86,419,717	90,159,045	99.4	99.3
Coal.....	48,501,751	53,582,211	62,624,807	65,445,161	67,147,996	73,904,272	74,711,159	77,123,580	81.7	84.9
Petroleum.....	89,342	682,321	247,622	637,504	528,353	155,968	195,098	168,258	0.2	0.2
Natural Gas.....	265,870	1,015,384	2,938,356	3,634,106	2,477,701	1,820,848	1,978,307	3,522,842	0.4	3.9
Other Gases.....	-	-	-	-	-	1,652	2,400	2,383	-	*
Nuclear.....	7,998,039	8,241,833	9,991,845	8,384,240	8,389,629	9,699,589	7,830,693	8,030,577	13.5	8.8
Hydroelectric.....	2,192,115	1,918,507	599,920	1,104,135	1,356,928	652,477	1,479,914	1,159,326	3.7	1.3
Other Renewables.....	-	24,979	73,095	-	143	179	192	-	-	-
Pumped Storage.....	-36,259	-64,981	-192,095	-265,860	-159,004	-253,991	115,325	85,932	-0.1	0.1
Other.....	-	-	-	51,592	55,055	121,112	106,630	66,147	-	0.1
Independent Power Producers and Combined Heat and Power.....	341,972	320,704	310,389	553,995	1,365,396	1,122,980	1,213,194	669,185	0.6	0.7
Coal.....	295,042	278,209	278,750	303,522	286,971	307,512	268,923	313,563	0.5	0.3
Petroleum.....	691	13,940	5,096	181	1,042	946	3,632	160	*	*
Natural Gas.....	46,239	28,056	16,785	239,456	1,066,236	803,502	901,820	342,625	0.1	0.4
Other Renewables.....	-	499	9,758	8,798	8,560	8,297	35,072	9,249	-	*
Other.....	-	-	-	2,038	2,587	2,724	3,747	3,589	-	*
Total Electric Industry.....	59,352,830	65,720,958	76,593,939	79,544,873	81,162,197	87,225,087	87,632,911	90,828,230	100.0	100.0
Coal.....	48,796,793	53,860,420	62,903,557	65,748,683	67,434,967	74,211,784	74,980,082	77,437,143	82.2	85.3
Petroleum.....	90,033	696,261	252,718	637,685	529,395	156,914	198,730	168,418	0.2	0.2
Natural Gas.....	312,109	1,043,440	2,955,141	3,873,562	3,543,937	2,624,350	2,880,127	3,865,467	0.5	4.3
Other Gases.....	-	-	-	-	-	1,652	2,400	2,383	-	*
Nuclear.....	7,998,039	8,241,833	9,991,845	8,384,240	8,389,629	9,699,589	7,830,693	8,030,577	13.5	8.8
Hydroelectric.....	2,192,115	1,918,507	599,920	1,104,135	1,356,928	652,477	1,479,914	1,159,326	3.7	1.3
Other Renewables.....	-	25,478	82,853	8,798	8,703	8,476	35,264	9,249	-	*
Pumped Storage.....	-36,259	-64,981	-192,095	-265,860	-159,004	-253,991	115,325	85,932	-0.1	0.1
Other.....	-	-	-	53,630	57,642	123,836	110,377	69,736	-	0.1

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Missouri								
Coal (cents per million Btu)	134.8	98.4	91.8	95.8	W	W	W	W
Average heat value (Btu per pound)	10,400	9,216	8,913	8,940	8,875	8,865	8,838	8,854
Average sulfur Content (percent)	2.0	0.6	0.3	0.4	0.4	0.4	0.4	0.4
Petroleum (cents per million Btu)	280.2	110.2	263.3	133.9	117.5	W	279.5	1,236.3
Average heat value (Btu per gallon)	107,890	79,069	94,214	136,667	136,381	137,769	139,288	137,693
Average sulfur Content (percent)	2.5	3.9	2.5	3.3	3.3	2.4	3.0	0.2
Natural Gas (cents per million Btu)	171.5	168.1	439.0	467.0	W	W	W	W
Average heat value (Btu per cubic foot)	1,018	1,006	1,007	1,020	1,012	1,016	1,016	1,020

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Missouri								
Sulfur Dioxide								
Coal.....	721	291	212	218	224	255	265	266
Petroleum.....	3	4	13	18	11	2	3	7
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	-	*	*	-	*	2	1	1
Total.....	724	295	225	235	236	258	270	273
Nitrogen Oxide								
Coal.....	261	299	146	130	127	133	114	113
Petroleum.....	*	2	1	2	1	*	*	1
Natural Gas.....	1	2	3	3	2	1	2	1
Other.....	-	*	*	*	*	*	*	*
Total.....	262	303	149	135	130	135	117	115
Carbon Dioxide								
Coal.....	47,756 ^R	54,188 ^R	64,074 ^R	66,548	67,541	74,219	75,183	77,852
Petroleum.....	92 ^R	750 ^R	253 ^R	664	528	155	196	169
Natural Gas.....	232 ^R	726 ^R	1,650 ^R	1,796	1,634	1,192	1,344	1,738
Other Renewables.....	-	1 ^R	5 ^R	49	52	112	102	70
Total.....	48,080 ^R	55,664 ^R	65,981 ^R	69,058	69,755	75,678	76,824	79,829

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Missouri										
Retail Sales (thousand megawatthours)										
Residential.....	21,652	25,409	29,581	30,168	31,684	31,422	31,351	34,412	40.2	42.5
Commercial.....	18,469	21,606	25,875	26,029	26,796	27,987	28,391	29,640	34.2	36.6
Industrial.....	12,937	14,321	16,080	15,815	15,341	14,831	14,303	16,869	24.0	20.8
Other.....	866	923	1,106	1,201	1,179	NA	NA	NA	1.6	NA
Transportation.....	NA	NA	NA	NA	NA	NA	10	19	NA	*
All Sectors.....	53,925	62,259	72,643	73,213	75,001	74,240	74,054	80,940	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	1,593	1,843	2,084	2,113	2,238	2,186	2,185	2,437	45.7	49.1
Commercial.....	1,193	1,334	1,508	1,533	1,576	1,618	1,648	1,756	34.2	35.4
Industrial.....	640	649	712	695	679	667	661	766	18.4	15.4
Other.....	59	65	67	73	73	NA	NA	NA	1.7	NA
Transportation.....	NA	NA	NA	NA	NA	NA	*	1	NA	*
All Sectors.....	3,485	3,892	4,370	4,414	4,565	4,470	4,494	4,960	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.36	7.25	7.04	7.00	7.06	6.96	6.97	7.08	NA	NA
Commercial.....	6.46	6.18	5.83	5.89	5.88	5.78	5.80	5.92	NA	NA
Industrial.....	4.95	4.53	4.43	4.39	4.42	4.49	4.62	4.54	NA	NA
Other.....	6.81	7.05	6.02	6.08	6.20	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	NA	4.91	4.77	NA	NA
All Sectors.....	6.46	6.25	6.02	6.03	6.09	6.02	6.07	6.13	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	4	88	NA	44	1	NA	NA	137
Number of Retail Customers	1,866,674	407,630	NA	693,139	1	NA	NA	2,967,444
Retail Sales (thousand megawatthours)	56,494	11,021	NA	13,406	20	NA	NA	80,940
Percentage of Retail Sales	69.80	13.62	NA	16.56	0.02	NA	NA	100.00
Revenue from Retail Sales (million dollars)	3,365	699	NA	895	1	NA	NA	4,960
Percentage of Revenue	67.85	14.09	NA	18.05	0.02	NA	NA	100.00
Average Retail Price (cents/kWh)	5.96	6.34	NA	6.68	4.70	NA	NA	6.13

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Montana		
NERC Region(s).....		MRO/WECC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	5,268	40
Electric Utilities.....	2,186	39
Independent Power Producers & Combined Heat and Power.....	3,082	29
Net Generation (megawatthours).....	27,938,778	41
Electric Utilities.....	6,587,015	39
Independent Power Producers & Combined Heat and Power.....	21,351,763	13
Emissions (thousand metric tons)		
Sulfur Dioxide	22	41
Nitrogen Oxide	38	36
Carbon Dioxide.....	19,549	38
Sulfur Dioxide (lbs/MWh)	1.7	42
Nitrogen Oxide (lbs/MWh)	3.0	18
Carbon Dioxide (lbs/MWh).....	1,543	20
Total Retail Sales (megawatthours)	13,478,838	41
Full Service Provider Sales (megawatthours)	10,642,433	44
Deregulated Sales (megawatthours)	2,836,405	12
Direct Use (megawatthours)	93,256	43
Average Retail Price (cents/kWh).....	6.72	32

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Montana			
1. Colstrip	Coal	PPL Montana LLC	2,094
2. Noxon Rapids	Hydroelectric	Avista Corporation	535
3. Libby.....	Hydroelectric	USCE-North Pacific Division	525
4. Hungry Horse	Hydroelectric	U S Bureau of Reclamation	428
5. Yellowtail	Hydroelectric	U S Bureau of Reclamation	287
6. Kerr.....	Hydroelectric	PPL Montana LLC	212
7. Fort Peck.....	Hydroelectric	USCE-Missouri River District	192
8. J E Corette Plant	Coal	PPL Montana LLC	158
10. Thompson Falls	Hydroelectric	PPL Montana LLC	88

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. NorthWestern Energy LLC	Investor-Owned	5,592,738	2,102,418	2,965,938	524,382	0
2. PPL EnergyPlus LLC	Other Provider	2,341,051	0	0	2,341,051	0
3. Flathead Electric Coop Inc	Cooperative	1,304,519	568,902	400,358	335,259	0
4. MDU Resources Group Inc	Investor-Owned	628,613	150,805	213,543	264,265	0
5. Bonneville Power Admin	Federal	569,400	0	0	569,400	0
Total Sales, Top Five Providers		10,436,321	2,822,125	3,579,839	4,034,357	0
Percent of Total State Sales		77	67	82	80	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	4,912	4,943	3,005	2,232	2,232	2,274	2,189	2,186	98.8	41.5
Coal.....	2,260	2,260	792	52	52	52	52	52	45.4	1.0
Petroleum.....	-	-	5	-	-	-	-	2	-	*
Natural Gas.....	120	120	58	58	58	97	98	100	2.4	1.9
Hydroelectric.....	2,520	2,551	2,150	2,122	2,122	2,124	2,040	2,032	50.7	38.6
Other Renewables.....	13	13	-	-	-	-	-	-	0.3	-
Independent Power Producers and Combined Heat and Power	60	121	2,155	2,907	2,939	2,937	2,943	3,082	1.2	58.5
Coal.....	39	39	1,501	2,283	2,244	2,248	2,283	2,287	0.8	43.4
Petroleum.....	-	61	60	55	90	90	55	55	-	1.0
Hydroelectric.....	11	11	584	558	595	588	588	588	0.2	11.2
Other Renewables.....	10	10	10	11	11	11	17	152	0.2	2.9
Total Electric Industry.....	4,972	5,064	5,160	5,139	5,172	5,210	5,132	5,268	100.0	100.0
Coal.....	2,299	2,299	2,293	2,335	2,296	2,300	2,335	2,339	46.2	44.4
Petroleum.....	-	61	65	55	90	90	55	57	-	1.1
Natural Gas.....	120	120	58	58	58	97	98	100	2.4	1.9
Hydroelectric.....	2,531	2,562	2,734	2,680	2,717	2,712	2,627	2,619	50.9	49.7
Other Renewables.....	23	23	10	11	11	11	17	152	0.5	2.9

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Montana										
Electric Utilities.....	25,718,975	25,411,151	6,627,410	4,415,943	6,726,239	6,020,681	6,066,404	6,587,015	98.8	23.6
Coal.....	14,902,659	14,655,727	323,757	311,207	285,747	322,205	347,287	283,468	57.3	1.0
Petroleum.....	27,369	25,051	487	854	720	1,482	1,004	458	0.1	*
Natural Gas.....	41,173	31,908	13,438	9,979	6,747	17,997	12,532	10,602	0.2	*
Hydroelectric.....	10,672,287	10,698,465	6,289,728	4,093,903	6,433,025	5,678,997	5,705,581	6,292,487	41.0	22.5
Other Renewables.....	75,487	-	-	-	-	-	-	-	0.3	-
Independent Power Producers and Combined Heat and Power.....	310,797	550,163	19,824,418	19,816,542	18,747,466	20,248,046	20,722,364	21,351,763	1.2	76.4
Coal.....	216,960	278,420	15,877,082	16,724,676	15,052,082	16,726,430	17,032,941	17,539,871	0.8	62.8
Petroleum.....	1,613	143,003	519,404	496,760	468,939	400,682	437,035	413,533	*	1.5
Natural Gas.....	14,082	16,830	13,169	10,110	9,931	7,471	19,595	25,465	0.1	0.1
Other Gases.....	-	8,678	34,311	-	19,160	19,520	22,393	12,787	-	*
Hydroelectric.....	44,530	47,388	3,333,529	2,519,571	3,133,884	3,022,775	3,150,450	3,294,862	0.2	11.8
Other Renewables.....	33,612	55,844	46,923	65,425	63,470	71,168	59,950	65,245	0.1	0.2
Total Electric Industry.....	26,029,772	25,961,314	26,451,828	24,232,485	25,473,705	26,268,727	26,788,768	27,938,778	100.0	100.0
Coal.....	15,119,619	14,934,147	16,200,839	17,035,883	15,337,829	17,048,635	17,380,228	17,823,339	58.1	63.8
Petroleum.....	28,982	168,054	519,891	497,614	469,659	402,164	438,039	413,991	0.1	1.5
Natural Gas.....	55,255	48,738	26,607	20,089	16,678	25,468	32,127	36,067	0.2	0.1
Other Gases.....	-	8,678	34,311	-	19,160	19,520	22,393	12,787	-	*
Hydroelectric.....	10,716,817	10,745,853	9,623,257	6,613,474	9,566,909	8,701,772	8,856,031	9,587,349	41.2	34.3
Other Renewables.....	109,099	55,844	46,923	65,425	63,470	71,168	59,950	65,245	0.4	0.2

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Montana								
Coal (cents per million Btu)	67.0	67.3	91.5	94.9	W	W	W	W
Average heat value (Btu per pound)	8,564	8,520	6,618	8,380	8,482	8,515	8,504	8,447
Average sulfur Content (percent)	0.6	0.7	0.5	0.5	0.6	0.6	0.6	0.7
Petroleum (cents per million Btu)	543.2	490.7	-	-	W	W	W	W
Average heat value (Btu per gallon)	141,000	141,000	-	-	137,148	136,574	137,064	126,095
Average sulfur Content (percent)	-	-	-	-	3.7	0.5	0.5	0.4
Natural Gas (cents per million Btu)	145.2	358.1	510.4	666.4	W	W	W	W
Average heat value (Btu per cubic foot)	1,218	1,073	1,139	1,020	1,104	1,123	1,095	1,106

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Montana								
Sulfur Dioxide								
Coal.....	16	18	19	28	18	16	19	18
Petroleum.....	*	3	3	26	3	2	2	2
Natural Gas.....	*	*	*	-	-	-	-	-
Other.....	1	2	2	1	2	5	2	2
Total.....	17	23	24	55	22	23	23	22
Nitrogen Oxide								
Coal.....	85	73	33	36	31	32	33	36
Petroleum.....	*	1	1	2	1	*	*	*
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	*	1	1	1	1	3	1	1
Total.....	86	75	36	40	34	35	35	38
Carbon Dioxide								
Coal.....	15,633 ^R	15,639 ^R	16,618 ^R	17,349	15,749	17,908	18,358	18,669
Petroleum.....	54 ^R	734 ^R	820 ^R	799	743	703	823	778
Natural Gas.....	174 ^R	205 ^R	167 ^R	75	68	58	124	102
Total.....	15,861 ^R	16,579 ^R	17,605 ^R	18,223	16,560	18,669	19,305	19,549

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Montana										
Retail Sales (thousand megawatthours)										
Residential.....	3,358	3,640	3,908	3,886	4,031	4,120	4,053	4,221	25.6	31.3
Commercial.....	2,738	3,133	3,792	3,866	4,003	4,438	4,330	4,473	20.9	33.2
Industrial.....	6,529	6,368	6,568	3,370	4,463	4,267	4,574	4,784	49.7	35.5
Other.....	499	278	312	324	335	NA	NA	NA	3.8	NA
All Sectors.....	13,125	13,419	14,580	11,447	12,831	12,825	12,957	13,479	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	183	222	254	267	291	311	319	342	35.2	37.8
Commercial.....	128	166	213	228	251	304	321	332	24.7	36.7
Industrial.....	187	219	261	222	165	172	190	231	36.0	25.5
Other.....	21	17	2	24	24	NA	NA	NA	4.1	NA
All Sectors.....	520	624	729	742	732	787	830	906	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	5.45	6.09	6.49	6.88	7.23	7.56	7.86	8.10	NA	NA
Commercial.....	4.68	5.31	5.60	5.91	6.28	6.85	7.42	7.43	NA	NA
Industrial.....	2.87	3.44	3.97	6.59	3.71	4.03	4.15	4.83	NA	NA
Other.....	4.26	6.21	0.68	7.47	7.04	NA	NA	NA	NA	NA
All Sectors.....	3.96	4.65	5.00	6.48	5.70	6.14	6.40	6.72	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	4	1	3	30	NA	4	2	44
Number of Retail Customers	337,682	940	19,345	181,307	NA	20	NA	539,294
Retail Sales (thousand megawatthours)	6,114	15	985	3,528	NA	2,836	NA	13,479
Percentage of Retail Sales	45.36	0.11	7.31	26.17	NA	21.04	NA	100.00
Revenue from Retail Sales (million dollars)	497	1	37	246	NA	112	14	906
Percentage of Revenue	54.84	0.09	4.12	27.11	NA	12.34	1.50	100.00
Average Retail Price (cents/kWh)	7.94	5.39	3.79	6.96	NA	3.94	0.48	6.72

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Nebraska		
NERC Region(s).....		MRO/WECC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	7,023	36
Electric Utilities.....	7,007	29
Independent Power Producers & Combined Heat and Power.....	16	51
Net Generation (megawatthours).....	31,464,734	40
Electric Utilities.....	31,391,643	33
Independent Power Producers & Combined Heat and Power.....	73,091	51
Emissions (thousand metric tons)		
Sulfur Dioxide	67	30
Nitrogen Oxide	58	31
Carbon Dioxide.....	22,079	36
Sulfur Dioxide (lbs/MWh)	4.7	20
Nitrogen Oxide (lbs/MWh)	4.1	7
Carbon Dioxide (lbs/MWh).....	1,547	19
Total Retail Sales (megawatthours).....	26,975,944	36
Full Service Provider Sales (megawatthours)	26,975,944	36
Direct Use (megawatthours)	75,065	46
Average Retail Price (cents/kWh).....	5.87	46

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Nebraska			
1. Gerald Gentleman.....	Coal	Nebraska Public Power District	1,365
2. Cooper	Nuclear	Nebraska Public Power District	760
3. North Omaha	Coal	Omaha Public Power District	663
4. Nebraska City	Coal	Omaha Public Power District	646
5. Fort Calhoun	Nuclear	Omaha Public Power District	478
6. Cass County	Gas	Omaha Public Power District	320
7. Sarpy County	Gas	Omaha Public Power District	314
8. Rokeby.....	Gas	Lincoln Electric System	249
9. Beatrice	Gas	Nebraska Public Power District	237
10. Sheldon	Coal	Nebraska Public Power District	225

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Nebraska						
1. Omaha Public Power District.....	Public	9,557,151	3,335,871	3,541,559	2,679,721	0
2. Lincoln Electric System.....	Public	3,099,431	1,118,730	1,418,122	562,579	0
3. Nebraska Public Power District.....	Public	3,065,974	787,776	1,028,115	1,250,083	0
4. Loup River Public Power Dist.....	Public	1,024,320	224,038	191,726	608,556	0
5. Southern Public Power District.....	Public	829,136	229,710	30,050	569,376	0
Total Sales, Top Five Providers.....		17,576,012	5,696,125	6,209,572	5,670,315	0
Percent of Total State Sales.....		65	61	70	64	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Nebraska										
Electric Utilities.....	5,452	5,529	5,939	6,010	6,052	6,667	6,722	7,007	99.8	99.8
Coal.....	3,094	3,112	3,181	3,181	3,196	3,196	3,196	3,196	56.7	45.5
Petroleum.....	234	256	636	708	638	637	638	639	4.3	9.1
Natural Gas.....	702	741	723	721	811	1,317	1,374	1,589	12.9	22.6
Nuclear.....	1,254	1,254	1,234	1,234	1,234	1,233	1,232	1,238	23.0	17.6
Hydroelectric.....	168	167	162	162	167	268	266	269	3.1	3.8
Other Renewables.....	-	-	3	4	6	16	16	76	-	1.1
Independent Power Producers and Combined Heat and Power.....	8	10	17	18	17	17	16	16	0.2	0.2
Coal.....	8	10	7	8	8	8	8	8	0.2	0.1
Petroleum.....	-	-	1	1	1	1	1	1	-	*
Natural Gas.....	-	-	5	5	4	4	2	2	-	*
Other Renewables.....	-	-	4	5	5	5	4	4	-	0.1
Total Electric Industry.....	5,460	5,539	5,956	6,028	6,069	6,684	6,738	7,023	100.0	100.0
Coal.....	3,102	3,122	3,189	3,189	3,204	3,204	3,204	3,204	56.8	45.6
Petroleum.....	234	256	637	709	639	638	639	640	4.3	9.1
Natural Gas.....	702	741	728	726	815	1,320	1,376	1,591	12.9	22.7
Nuclear.....	1,254	1,254	1,234	1,234	1,234	1,233	1,232	1,238	23.0	17.6
Hydroelectric.....	168	167	162	162	167	268	266	269	3.1	3.8
Other Renewables.....	-	-	6	9	10	21	21	80	-	1.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Nebraska										
Electric Utilities.....	21,630,677	25,279,277	29,045,739	30,411,669	31,550,226	30,367,879	31,944,127	31,391,643	100.0	99.8
Coal.....	12,658,464	16,079,519	18,424,799	20,193,542	19,899,803	20,907,970	20,414,960	20,772,590	58.5	66.0
Petroleum.....	12,981	26,679	53,715	25,154	18,410	47,971	21,004	30,026	0.1	0.1
Natural Gas.....	307,841	245,305	437,822	340,050	404,106	369,409	288,576	794,533	1.4	2.5
Other Gases.....	-	-	-	-	101	206	142	6	-	*
Nuclear.....	7,511,298	7,485,448	8,628,679	8,726,113	10,122,242	7,996,902	10,241,254	8,801,841	34.7	28.0
Hydroelectric.....	1,140,093	1,426,058	1,500,724	1,124,122	1,097,486	980,110	913,021	871,473	5.3	2.8
Other Renewables.....	-	16,268	-	2,630	8,078	65,311	65,170	121,174	-	0.4
Other.....	-	-	-	58	-	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	2,910	25,023	64,124	73,543	68,268	88,105	64,582	73,091	*	0.2
Coal.....	2,686	24,900	33,134	45,164	44,104	46,203	42,125	45,581	*	0.1
Petroleum.....	-	-	944	3,035	2,139	881	853	1,209	-	*
Natural Gas.....	224	123	13,532	8,681	9,032	11,669	8,825	8,221	*	*
Other Renewables.....	-	-	16,514	16,663	12,993	29,352	12,779	18,080	-	0.1
Total Electric Industry.....	21,633,587	25,304,300	29,109,863	30,485,212	31,618,494	30,455,984	32,008,709	31,464,734	100.0	100.0
Coal.....	12,661,150	16,104,419	18,457,933	20,238,706	19,943,907	20,954,173	20,457,085	20,818,171	58.5	66.2
Petroleum.....	12,981	26,679	54,659	28,189	20,549	48,852	21,857	31,235	0.1	0.1
Natural Gas.....	308,065	245,428	451,354	348,731	413,138	381,078	297,401	802,754	1.4	2.6
Other Gases.....	-	-	-	-	101	206	142	6	-	*
Nuclear.....	7,511,298	7,485,448	8,628,679	8,726,113	10,122,242	7,996,902	10,241,254	8,801,841	34.7	28.0
Hydroelectric.....	1,140,093	1,426,058	1,500,724	1,124,122	1,097,486	980,110	913,021	871,473	5.3	2.8
Other Renewables.....	-	16,268	16,514	19,293	21,071	94,663	77,949	139,254	-	0.4
Other.....	-	-	-	58	-	-	-	-	-	-

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Nebraska								
Coal (cents per million Btu)	75.2	74.9	56.0	56.6	58.1	59.9	65.9	70.9
Average heat value (Btu per pound)	8,561	8,594	8,632	8,585	8,654	8,673	8,574	8,570
Average sulfur Content (percent)	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Petroleum (cents per million Btu)	703.4	224.0	648.5	655.6	554.8	457.2	712.0	1,342.8
Average heat value (Btu per gallon)	138,043	103,081	137,750	138,571	138,043	138,040	136,976	138,119
Average sulfur Content (percent)	0.3	2.7	0.2	0.2	0.2	0.1	0.2	*
Natural Gas (cents per million Btu)	200.8	165.8	460.0	427.6	416.6	563.6	653.9	823.8
Average heat value (Btu per cubic foot)	946	998	1,001	1,020	1,002	998	995	990

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Nebraska								
Sulfur Dioxide								
Coal.....	47	57	55	64	62	63	68	67
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	-	*	*	-	-	-	*
Total.....	47	57	55	64	62	63	68	67
Nitrogen Oxide								
Coal.....	78	86	39	44	43	46	44	46
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	*	1	1	1	1	*	11
Other.....	-	-	*	*	*	1	1	1
Total.....	78	86	39	45	44	48	46	58
Carbon Dioxide								
Coal.....	13,129 ^R	16,648 ^R	19,099 ^R	20,810	20,172	21,096	20,775	21,233
Petroleum.....	13 ^R	26 ^R	52 ^R	29	20	44	21	29
Natural Gas.....	188 ^R	161 ^R	326 ^R	253	261	248	181	817
Other Renewables.....	-	-	-	*	-	-	-	-
Total.....	13,330 ^R	16,835 ^R	19,478 ^R	21,092	20,453	21,388	20,977	22,079

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Nebraska										
Retail Sales (thousand megawatthours)										
Residential.....	6,800	7,597	8,346	8,638	8,956	8,852	8,757	9,309	38.1	34.5
Commercial.....	5,086	5,986	7,041	7,232	7,384	8,583	8,501	8,848	28.5	32.8
Industrial.....	4,618	5,802	7,276	7,328	7,563	8,421	8,618	8,819	25.8	32.7
Other.....	1,364	1,508	1,686	1,525	1,758	NA	NA	NA	7.6	NA
All Sectors.....	17,868	20,892	24,349	24,723	25,661	25,857	25,876	26,976	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	423	484	545	562	603	608	610	665	42.5	42.0
Commercial.....	292	333	382	396	415	499	497	529	29.3	33.4
Industrial.....	194	223	263	276	294	352	369	391	19.4	24.7
Other.....	87	88	103	99	112	NA	NA	NA	8.8	NA
All Sectors.....	996	1,128	1,292	1,333	1,424	1,458	1,475	1,584	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	6.23	6.37	6.53	6.50	6.73	6.87	6.96	7.14	NA	NA
Commercial.....	5.73	5.56	5.42	5.48	5.62	5.81	5.84	5.98	NA	NA
Industrial.....	4.19	3.84	3.61	3.76	3.89	4.18	4.28	4.43	NA	NA
Other.....	6.39	5.86	6.10	6.51	6.37	NA	NA	NA	NA	NA
All Sectors.....	5.57	5.40	5.31	5.39	5.55	5.64	5.70	5.87	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	NA	151	1	10	NA	NA	NA	162
Number of Retail Customers	NA	933,907	14	22,341	NA	NA	NA	956,262
Retail Sales (thousand megawatthours)	NA	26,219	165	592	NA	NA	NA	26,976
Percentage of Retail Sales	NA	97.19	0.61	2.20	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	NA	1,531	3	51	NA	NA	NA	1,584
Percentage of Revenue	NA	96.62	0.16	3.22	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	NA	5.84	1.58	8.61	NA	NA	NA	5.87

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Nevada		
NERC Region(s).....		WECC
Primary Energy Source.....		Gas
Net Summer Capability (megawatts).....	8,714	34
Electric Utilities.....	5,949	32
Independent Power Producers & Combined Heat and Power.....	2,765	32
Net Generation (megawatthours).....	40,213,752	35
Electric Utilities.....	24,112,225	35
Independent Power Producers & Combined Heat and Power.....	16,101,526	19
Emissions (thousand metric tons)		
Sulfur Dioxide	48	33
Nitrogen Oxide	44	34
Carbon Dioxide.....	25,954	34
Sulfur Dioxide (lbs/MWh)	2.7	36
Nitrogen Oxide (lbs/MWh)	2.4	24
Carbon Dioxide (lbs/MWh).....	1,423	25
Total Retail Sales (megawatthours).....	32,500,630	34
Full Service Provider Sales (megawatthours)	32,325,814	34
Deregulated Sales (megawatthours)	174,816	18
Direct Use (megawatthours)	587,269	30
Average Retail Price (cents/kWh).....	9.02	14

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Nevada			
1. Mohave	Coal	Southern California Edison Co	1,580
2. Hoover Dam	Hydroelectric	U S Bureau of Reclamation	1,039
3. Clark	Gas	Nevada Power Co	700
4. Bighorn Electric Generating Station	Gas	Reliant Energy Bighorn LLC	570
5. Silverhawk	Gas	Nevada Power Co	560
6. Reid Gardner.....	Coal	Nevada Power Co	555
7. North Valmy	Coal	Sierra Pacific Power Co	522
8. Tracy.....	Gas	Sierra Pacific Power Co	500
9. Apex Generating Station	Gas	Mirant Las Vegas LLC	494
10. El Dorado Energy	Gas	El Dorado Energy LLC	450

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Nevada Power Company.....	Investor-Owned	19,804,606	8,288,309	4,379,703	7,128,615	7,979
2. Sierra Pacific Power Co.....	Investor-Owned	8,720,571	2,118,972	2,872,081	3,729,518	0
3. Colorado River Comm of Nevada.....	Public	1,494,531	0	691,732	802,799	0
4. Wells Rural Electric Co.....	Cooperative	681,410	45,224	42,652	593,534	0
5. Mt Wheeler Power, Inc.....	Cooperative	425,317	54,250	26,808	344,259	0
Total Sales, Top Five Providers.....		31,126,435	10,506,755	8,012,976	12,598,725	7,979
Percent of Total State Sales.....		96	95	94	98	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	4,944	5,556	5,434	5,388	5,384	5,323	5,389	5,949	97.0	68.3
Coal.....	2,692	2,717	2,806	2,747	2,658	2,657	2,657	2,657	52.8	30.5
Petroleum.....	78	48	46	46	43	45	45	45	1.5	0.5
Natural Gas.....	1,144	1,745	1,533	1,547	1,636	1,576	1,642	2,202	22.4	25.3
Hydroelectric.....	1,031	1,046	1,049	1,048	1,048	1,045	1,045	1,045	20.2	12.0
Independent Power Producers and Combined Heat and Power.....	154	749	1,282	1,495	1,472	2,185	3,281	2,765	3.0	31.7
Natural Gas.....	-	517	1,082	1,343	1,293	2,007	3,137	2,577	-	29.6
Hydroelectric.....	4	4	4	4	4	6	2	2	0.1	*
Other Renewables.....	150	228	196	148	168	172	142	185	2.9	2.1
Total Electric Industry.....	5,098	6,306	6,716	6,883	6,856	7,508	8,670	8,714	100.0	100.0
Coal.....	2,692	2,717	2,806	2,747	2,658	2,657	2,657	2,657	52.8	30.5
Petroleum.....	78	48	46	46	43	45	45	45	1.5	0.5
Natural Gas.....	1,144	2,262	2,615	2,890	2,929	3,583	4,779	4,779	22.4	54.9
Hydroelectric.....	1,034	1,050	1,053	1,052	1,052	1,051	1,047	1,047	20.3	12.0
Other Renewables.....	150	228	196	148	168	172	142	185	2.9	2.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Nevada										
Electric Utilities.....	19,286,260	19,997,354	29,341,675	27,896,065	25,008,568	24,634,871	24,246,391	24,112,225	96.2	60.0
Coal.....	15,053,277	13,971,824	18,931,521	17,736,970	16,413,025	17,085,959	18,257,265	18,384,261	75.1	45.7
Petroleum.....	284,108	26,549	64,614	911,611	25,472	16,793	95,766	20,500	1.4	0.1
Natural Gas.....	2,217,027	4,076,540	7,929,942	6,742,903	6,310,687	5,784,181	4,288,157	4,005,084	11.1	10.0
Hydroelectric.....	1,731,848	1,922,441	2,415,598	2,504,581	2,259,384	1,747,938	1,605,203	1,702,380	8.6	4.2
Independent Power Producers and Combined Heat and Power.....	764,425	3,966,640	6,143,240	5,979,901	7,080,367	8,560,017	13,421,044	16,101,527	3.8	40.0
Petroleum.....	-	4	180	17	-	-	-	-	-	-
Natural Gas.....	-	2,367,213	4,737,247	4,770,870	5,899,973	7,468,598	12,098,047	14,726,368	-	36.6
Other Gases.....	-	-	-	-	44,909	16,941	15,572	112,451	-	0.3
Hydroelectric.....	3,233	19,093	13,870	9,141	8,202	8,767	9,920	-	*	-
Other Renewables.....	761,192	1,553,696	1,370,791	1,199,873	1,127,283	1,065,711	1,297,504	1,262,707	3.8	3.1
Other.....	-	26,634	21,152	-	-	-	-	-	-	-
Total Electric Industry.....	20,050,685	23,963,994	35,484,915	33,875,966	32,088,935	33,194,888	37,667,435	40,213,752	100.0	100.0
Coal.....	15,053,277	13,971,824	18,931,521	17,736,970	16,413,025	17,085,959	18,257,265	18,384,261	75.1	45.7
Petroleum.....	284,108	26,553	64,794	911,628	25,472	16,793	95,766	20,500	1.4	0.1
Natural Gas.....	2,217,027	6,443,753	12,667,189	11,513,773	12,210,660	13,252,779	16,386,204	18,731,452	11.1	46.6
Other Gases.....	-	-	-	-	44,909	16,941	15,572	112,451	-	0.3
Hydroelectric.....	1,735,081	1,941,534	2,429,468	2,513,722	2,267,586	1,756,705	1,615,123	1,702,380	8.7	4.2
Other Renewables.....	761,192	1,553,696	1,370,791	1,199,873	1,127,283	1,065,711	1,297,504	1,262,707	3.8	3.1
Other.....	-	26,634	21,152	-	-	-	-	-	-	-

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Nevada								
Coal (cents per million Btu)	149.1	131.0	126.4	126.2	133.9	141.7	136.1	154.1
Average heat value (Btu per pound)	11,122	11,075	11,211	11,210	11,284	11,120	11,118	11,176
Average sulfur Content (percent)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Petroleum (cents per million Btu)	314.3	337.2	721.6	585.1	600.2	600.7	472.8	990.1
Average heat value (Btu per gallon)	148,233	146,667	139,110	151,667	139,110	138,548	149,914	141,760
Average sulfur Content (percent)	0.8	0.6	0.3	0.3	0.3	0.3	0.9	0.3
Natural Gas (cents per million Btu)	195.6	165.8	475.0	802.6	438.4	510.6	556.2	722.8
Average heat value (Btu per cubic foot)	1,031	1,029	1,023	1,020	1,034	1,040	1,036	1,033

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Nevada								
Sulfur Dioxide								
Coal.....	48	46	48	45	45	47	49	48
Petroleum.....	1	*	*	4	*	*	*	*
Natural Gas.....	*	*	*	*	*	*	*	*
Total.....	50	46	48	50	45	47	50	48
Nitrogen Oxide								
Coal.....	65	67	35	32	35	34	35	36
Petroleum.....	*	*	*	1	*	*	*	*
Natural Gas.....	3	7	10	11	8	8	8	8
Other.....	-	*	-	-	-	*	*	*
Total.....	69	74	45	44	43	42	43	44
Carbon Dioxide								
Coal.....	14,908 ^R	14,468 ^R	17,882 ^R	16,934	15,078	16,671	17,400	17,810
Petroleum.....	255 ^R	24 ^R	56 ^R	1,057	21	15	80	19
Natural Gas.....	1,326 ^R	3,364 ^R	6,549 ^R	5,883	5,907	6,272	7,457	8,092
Geothermal.....	19 ^R	35 ^R	35 ^R	31	29	27	33	32
Total.....	16,509 ^R	17,891 ^R	24,521 ^R	23,905	21,034	22,985	24,969	25,954

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Nevada										
Retail Sales (thousand megawatthours)										
Residential.....	5,540	6,655	9,406	9,607	9,702	10,340	10,673	11,080	33.9	34.1
Commercial.....	3,866	4,731	6,548	6,693	7,538	8,168	8,275	8,516	23.6	26.2
Industrial.....	6,263	8,496	11,239	11,239	11,373	11,624	12,364	12,897	38.3	39.7
Other.....	684	777	598	628	592	NA	NA	NA	4.2	NA
Transportation.....	NA	NA	NA	NA	NA	NA	NA	8	NA	*
All Sectors.....	16,352	20,659	27,792	28,167	29,204	30,132	31,312	32,501	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	316	473	685	872	915	932	1,034	1,130	35.9	38.5
Commercial.....	239	319	441	565	683	718	752	808	27.2	27.5
Industrial.....	294	429	560	738	824	849	895	994	33.4	33.9
Other.....	31	39	29	39	39	NA	NA	NA	3.5	NA
Transportation.....	NA	NA	NA	NA	NA	NA	NA	1	NA	*
All Sectors.....	880	1,260	1,715	2,213	2,460	2,499	2,681	2,932	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	5.70	7.11	7.28	9.08	9.43	9.02	9.69	10.20	NA	NA
Commercial.....	6.19	6.75	6.74	8.45	9.06	8.79	9.08	9.48	NA	NA
Industrial.....	4.70	5.05	4.98	6.56	7.25	7.30	7.24	7.71	NA	NA
Other.....	4.49	5.00	4.77	6.15	6.54	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	NA	NA	9.34	NA	NA
All Sectors.....	5.38	6.10	6.17	7.86	8.42	8.29	8.56	9.02	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	2	8	1	8	NA	0	2	21
Number of Retail Customers	1,059,207	26,332	6	33,795	NA	10	NA	1,119,350
Retail Sales (thousand megawatthours)	28,525	2,122	28	1,650	NA	175	NA	32,501
Percentage of Retail Sales	87.77	6.53	0.09	5.08	NA	0.54	NA	100.00
Revenue from Retail Sales (million dollars)	2,690	130	*	100	NA	12	1	2,932
Percentage of Revenue	91.73	4.43	0.01	3.41	NA	0.40	0.03	100.00
Average Retail Price (cents/kWh)	9.43	6.12	0.73	6.06	NA	6.68	0.51	9.02

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
New Hampshire		
NERC Region(s).....		NPCC
Primary Energy Source.....		Nuclear
Net Summer Capability (megawatts).....	4,321	42
Electric Utilities.....	1,121	42
Independent Power Producers & Combined Heat and Power.....	3,200	28
Net Generation (megawatthours).....	24,470,014^R	42
Electric Utilities.....	5,638,000	42
Independent Power Producers & Combined Heat and Power.....	18,832,013 ^R	15
Emissions (thousand metric tons)		
Sulfur Dioxide	47	35
Nitrogen Oxide	11	46
Carbon Dioxide.....	8,166	43
Sulfur Dioxide (lbs/MWh)	4.2	24
Nitrogen Oxide (lbs/MWh)	1.0	44
Carbon Dioxide (lbs/MWh).....	736	46
Total Retail Sales (megawatthours).....	11,244,628	45
Full Service Provider Sales (megawatthours)	11,121,954	42
Deregulated Sales (megawatthours)	122,674	19
Direct Use (megawatthours)	216,095	40
Average Retail Price (cents/kWh).....	12.53	3

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
New Hampshire			
1. Seabrook	Nuclear	FPL Energy Seabrook LLC	1,220
2. Granite Ridge.....	Gas	Granite Ridge Energy LLC	797
3. Newington Power Facility.....	Gas	Newington Energy LLC	525
4. Merrimack	Coal	Public Service Co of NH	466
5. Newington	Petroleum	Public Service Co of NH	400
6. S C Moore.....	Hydroelectric	TransCanada Hydro Northeast Inc.,	191
7. Comerford.....	Hydroelectric	TransCanada Hydro Northeast Inc.,	161
8. Schiller.....	Coal	Public Service Co of NH	160
9. Berlin Gorham	Other Renewables	Fraser NH LLC	35
10. Berlin Gorham	Hydroelectric	Great Lakes Hydro America LLC	29

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
New Hampshire						
1. Public Service Co of NH.....	Investor-Owned	8,139,053	3,162,455	3,365,996	1,610,602	0
2. Unitol Energy Systems.....	Investor-Owned	1,238,842	509,532	441,981	287,329	0
3. Granite State Electric Co.....	Investor-Owned	804,068	300,484	410,295	93,289	0
4. New Hampshire Elec Coop Inc.....	Cooperative	747,260	455,956	237,476	53,828	0
5. Town of Littleton.....	Public	78,928	19,736	17,034	42,158	0
Total Sales, Top Five Providers.....		11,008,151	4,448,163	4,472,782	2,087,206	0
Percent of Total State Sales.....		98	99	99	94	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New Hampshire										
Electric Utilities.....	2,638	2,506	2,290	1,128	1,105	1,121	1,121	1,121	90.7	25.9
Coal.....	622	578	575	575	575	575	575	575	21.4	13.3
Petroleum.....	124	83	489	489	465	481	482	482	4.3	11.2
Natural Gas.....	422	406	-	-	-	-	-	-	14.5	-
Nuclear.....	1,150	1,155	1,161	-	-	-	-	-	39.6	-
Hydroelectric.....	319	284	64	64	64	65	64	64	11.0	1.5
Independent Power Producers and Combined Heat and Power.....	269	245	566	1,715	2,322	3,123	3,149	3,200	9.3	74.1
Petroleum.....	35	32	24	32	32	32	46	47	1.2	1.1
Natural Gas.....	5	-	19	24	549	1,354	1,354	1,354	0.2	31.3
Nuclear.....	-	-	-	1,161	1,161	1,159	1,159	1,220	-	28.2
Hydroelectric.....	88	88	379	366	449	447	454	443	3.0	10.3
Other Renewables.....	141	125	144	132	130	131	136	136	4.9	3.1
Total Electric Industry.....	2,907	2,751	2,855	2,843	3,427	4,244	4,270	4,321	100.0	100.0
Coal.....	622	578	575	575	575	575	575	575	21.4	13.3
Petroleum.....	159	116	513	521	497	513	528	529	5.5	12.2
Natural Gas.....	427	406	19	24	549	1,354	1,354	1,354	14.7	31.3
Nuclear.....	1,150	1,155	1,161	1,161	1,161	1,159	1,159	1,220	39.6	28.2
Hydroelectric.....	408	371	443	429	514	511	518	507	14.0	11.7
Other Renewables.....	141	125	144	132	130	131	136	136	4.9	3.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New Hampshire										
Electric Utilities.....	10,810,155	13,936,033	12,701,500	13,095,085	12,276,456	6,231,573	6,169,110	5,638,000	87.1	23.0
Coal.....	2,959,203	3,367,488	3,965,476	3,706,399	3,722,386	3,923,303	4,076,075	4,072,987	23.9	16.6
Petroleum.....	2,293,037	1,003,899	409,661	428,990	595,575	1,976,692	1,770,459	1,187,323	18.5	4.9
Natural Gas.....	-	201,304	76,789	42,143	95,547	87	78	1,114	-	*
Nuclear.....	4,080,691	8,379,376	7,921,880	8,692,743	7,599,861	-	-	-	32.9	-
Hydroelectric.....	1,477,224	983,966	327,694	224,810	263,087	331,491	322,498	376,576	11.9	1.5
Independent Power Producers and Combined Heat and Power.....	1,595,041	1,498,346	2,329,999	1,979,539	3,676,622	15,365,534	17,706,677	18,832,014^R	12.9	77.0
Petroleum.....	53,456	60,857	61,667	52,687	54,134	67,834	189,349	169,819	0.4	0.7
Natural Gas.....	-	-	62,154	76,383	124,822	4,165,378	5,400,332	6,783,621	-	27.7
Nuclear.....	-	-	-	-	1,694,756	9,276,288	10,177,573	9,455,885	-	38.6
Hydroelectric.....	403,863	385,924	1,099,520	765,769	877,853	999,778	993,258	1,422,327 ^R	3.3	5.8
Other Renewables.....	1,137,722	1,051,565	1,106,658	1,025,621	864,954	795,896	883,251	941,899	9.2	3.8
Other.....	-	-	-	59,079	60,103	60,360	62,915	58,462	-	0.2
Total Electric Industry.....	12,405,196	15,434,379	15,031,499	15,074,624	15,953,078	21,597,107	23,875,787	24,470,014^R	100.0	100.0
Coal.....	2,959,203	3,367,488	3,965,476	3,706,399	3,722,386	3,923,303	4,076,075	4,072,987	23.9	16.6
Petroleum.....	2,346,493	1,064,756	471,328	481,677	649,709	2,044,526	1,959,808	1,357,142	18.9	5.5
Natural Gas.....	-	201,304	138,943	118,526	220,369	4,165,465	5,400,410	6,784,735	-	27.7
Nuclear.....	4,080,691	8,379,376	7,921,880	8,692,743	9,294,617	9,276,288	10,177,573	9,455,885	32.9	38.6
Hydroelectric.....	1,881,087	1,369,890	1,427,214	990,579	1,140,940	1,331,269	1,315,756	1,798,903 ^R	15.2	7.4
Other Renewables.....	1,137,722	1,051,565	1,106,658	1,025,621	864,954	795,896	883,251	941,899	9.2	3.8
Other.....	-	-	-	59,079	60,103	60,360	62,915	58,462	-	0.2

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
New Hampshire								
Coal (cents per million Btu)	178.1	158.9	148.5	167.2	180.3	170.3	201.6	243.7
Average heat value (Btu per pound)	13,303	13,111	13,114	13,050	13,245	13,262	13,199	13,087
Average sulfur Content (percent)	1.8	1.4	1.3	1.3	1.2	1.1	1.2	1.3
Petroleum (cents per million Btu)	226.9	232.6	345.3	336.7	370.5	W	W	W
Average heat value (Btu per gallon)	154,329	154,402	153,740	151,190	152,400	152,724	152,883	154,024
Average sulfur Content (percent)	1.9	1.5	1.6	0.8	1.5	1.5	1.4	1.2
Natural Gas (cents per million Btu)	-	182.6	315.1	238.7	388.3	W	W	W
Average heat value (Btu per cubic foot)	-	1,018	1,069	1,010	1,051	1,047	1,045	1,044

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
New Hampshire								
Sulfur Dioxide								
Coal.....	37	33	42	40	35	30	34	37
Petroleum.....	23	8	5	5	5	21	17	9
Natural Gas.....	-	*	*	-	-	*	*	*
Other.....	*	*	*	1	*	1	1	*
Total.....	60	41	47	46	41	52	52	47
Nitrogen Oxide								
Coal.....	15	8	7	6	5	5	5	6
Petroleum.....	3	1	1	1	2	4	3	2
Natural Gas.....	-	*	*	*	*	2	1	1
Other.....	1	1	1	3	2	2	2	2
Total.....	19	11	9	9	9	13	12	11
Carbon Dioxide								
Coal.....	2,816 ^R	3,260 ^R	4,050 ^R	3,690	3,664	3,834	4,001	4,063
Petroleum.....	2,115 ^R	1,009 ^R	500 ^R	503	658	1,817	1,826	1,327
Natural Gas.....	-	121 ^R	199 ^R	195	128	1,840	2,230	2,665
Other Renewables.....	102 ^R	101 ^R	104 ^R	108	104	109	112	111
Total.....	5,032 ^R	4,492 ^R	4,852 ^R	4,496	4,554	7,599	8,169	8,166

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New Hampshire										
Retail Sales (thousand megawatthours)										
Residential.....	3,444	3,364	3,656	3,789	4,003	4,252	4,282	4,495	38.4	40.0
Commercial.....	2,010	3,226	3,774	3,911	4,024	4,318	4,363	4,576	22.4	40.7
Industrial.....	3,418	2,286	2,597	2,483	2,222	2,403	2,328	2,174	38.1	19.3
Other.....	107	131	131	133	134	NA	NA	NA	1.2	NA
All Sectors.....	8,980	9,007	10,159	10,316	10,383	10,973	10,973	11,245	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	356	454	481	473	476	509	535	607	43.6	43.1
Commercial.....	191	367	408	412	405	445	480	552	23.4	39.2
Industrial.....	256	219	238	226	202	234	233	249	31.3	17.7
Other.....	14	16	16	18	17	NA	NA	NA	1.7	NA
All Sectors.....	816	1,056	1,143	1,129	1,100	1,188	1,248	1,408	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	10.34	13.50	13.15	12.49	11.89	11.98	12.49	13.51	NA	NA
Commercial.....	9.50	11.38	10.81	10.53	10.06	10.30	10.99	12.06	NA	NA
Industrial.....	7.47	9.56	9.17	9.11	9.09	9.75	10.01	11.48	NA	NA
Other.....	12.74	12.32	12.41	13.28	12.84	NA	NA	NA	NA	NA
All Sectors.....	9.09	11.72	11.25	10.95	10.60	10.83	11.37	12.53	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
New Hampshire								
Number of Entities	3	5	NA	1	2	4	4	19
Number of Retail Customers	595,123	11,687	NA	76,121	3	12	NA	682,946
Retail Sales (thousand megawatthours)	10,179	184	NA	747	11	123	NA	11,245
Percentage of Retail Sales	90.53	1.64	NA	6.65	0.10	1.09	NA	100.00
Revenue from Retail Sales (million dollars)	1,280	17	NA	99	1	8	3	1,408
Percentage of Revenue	90.92	1.19	NA	7.05	0.04	0.58	0.23	100.00
Average Retail Price (cents/kWh)	12.58	9.07	NA	13.28	5.04	6.66	2.64	12.53

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
New Jersey		
NERC Region(s).....		ASCC/MAAC
Primary Energy Source.....		Nuclear
Net Summer Capability (megawatts).....	17,536	22
Electric Utilities.....	1,005	43
Independent Power Producers & Combined Heat and Power.....	16,531	6
Net Generation (megawatthours).....	60,549,582	24
Electric Utilities.....	1,248,594	44
Independent Power Producers & Combined Heat and Power.....	59,300,990	6
Emissions (thousand metric tons)		
Sulfur Dioxide	65	31
Nitrogen Oxide	35	37
Carbon Dioxide.....	21,103	37
Sulfur Dioxide (lbs/MWh)	2.4	39
Nitrogen Oxide (lbs/MWh)	1.3	41
Carbon Dioxide (lbs/MWh).....	768	44
Total Retail Sales (megawatthours).....	81,896,813	17
Full Service Provider Sales (megawatthours)	65,343,404	23
Deregulated Sales (megawatthours)	16,553,409	6
Direct Use (megawatthours)	2,621,051	15
Average Retail Price (cents/kWh).....	10.89	10

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
New Jersey			
1. PSEG Salem Generating Station	Nuclear	PSEG Nuclear LLC	2,342
2. Bergen Generating Station	Gas	PSEG Fossil LLC	1,202
3. PSEG Hope Creek Generating Station	Nuclear	PSEG Nuclear LLC	1,061
4. PSEG Hudson Generating Station.....	Coal	PSEG Fossil LLC	923
5. Linden Cogen Plant	Gas	Cogen Technologies Linden Vent	900
6. PSEG Linden Generating Station.....	Gas	PSEG Fossil LLC	785
7. AES Red Oak LLC	Gas	AES Red Oak LLC	766
8. PSEG Mercer Generating Station.....	Coal	PSEG Fossil LLC	739
9. Oyster Creek	Nuclear	AmerGen Energy Co LLC	619
10. PSEG Essex Generating Station.....	Gas	PSEG Fossil LLC	608

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Public Service Elec & Gas Co.....	Investor-Owned	35,122,115	14,032,021	18,469,717	2,514,499	105,878
2. Jersey Central Power & Lt Co.....	Investor-Owned	18,391,461	10,102,800	7,533,698	754,963	0
3. Atlantic City Electric Co.....	Investor-Owned	7,724,838	4,374,921	3,018,067	331,850	0
4. Reliant Energy Solutions East.....	Other Provider	3,248,561	0	0	3,248,561	0
5. PEPCO Energy Services.....	Other Provider	2,706,543	0	2,615,871	0	90,672
Total Sales, Top Five Providers.....		67,193,518	28,509,742	31,637,353	6,849,873	196,550
Percent of Total State Sales.....		82	95	80	58	66

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	13,730	13,817	1,244	1,244	1,244	1,244	1,005	1,005	94.5	5.7
Coal.....	1,652	1,629	387	387	387	387	307	307	11.4	1.8
Petroleum.....	3,599	2,818	286	286	286	286	232	232	24.8	1.3
Natural Gas.....	4,286	5,128	171	171	171	171	66	66	29.5	0.4
Nuclear.....	3,863	3,862	-	-	-	-	-	-	26.6	-
Pumped Storage.....	330	380	400	400	400	400	400	400	2.3	2.3
Independent Power Producers and Combined Heat and Power.....	806	3,066	15,322	14,838	17,140	17,403	17,159	16,531	5.5	94.3
Coal.....	-	483	1,701	1,701	1,737	1,737	1,817	1,770	-	10.1
Petroleum.....	6	28	1,945	2,159	2,247	2,921	2,582	1,550	*	8.8
Natural Gas.....	683	2,374	7,554	7,493	9,066	8,602	8,545	8,992	4.7	51.3
Other Gases.....	-	-	47	21	21	21	21	21	-	0.1
Nuclear.....	-	-	3,862	3,270	3,875	3,908	3,972	3,984	-	22.7
Hydroelectric.....	13	13	13	12	13	14	12	3	0.1	*
Other Renewables.....	105	169	200	182	181	200	200	200	0.7	1.1
Other.....	-	-	-	-	-	-	11	11	-	0.1
Total Electric Industry.....	14,536	16,883	16,566	16,082	18,384	18,647	18,164	17,536	100.0	100.0
Coal.....	1,652	2,112	2,088	2,088	2,124	2,124	2,124	2,077	11.4	11.8
Petroleum.....	3,605	2,846	2,231	2,445	2,533	3,207	2,814	1,782	24.8	10.2
Natural Gas.....	4,969	7,502	7,725	7,664	9,237	8,773	8,611	9,058	34.2	51.7
Other Gases.....	-	-	47	21	21	21	21	21	-	0.1
Nuclear.....	3,863	3,862	3,862	3,270	3,875	3,908	3,972	3,984	26.6	22.7
Hydroelectric.....	13	13	13	12	13	14	12	3	0.1	*
Other Renewables.....	105	169	200	182	181	200	200	200	0.7	1.1
Pumped Storage.....	330	380	400	400	400	400	400	400	2.3	2.3
Other.....	-	-	-	-	-	-	11	11	-	0.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New Jersey										
Electric Utilities.....	36,488,596	27,087,559	25,254,292	1,630,319	1,569,056	1,910,115	1,648,908	1,248,594	91.3	2.1
Coal.....	7,057,820	5,105,184	5,317,916	1,439,282	1,416,711	1,792,734	1,800,845	1,376,852	17.7	2.3
Petroleum.....	1,831,935	884,897	295,097	230,522	202,514	209,017	98,826	122,098	4.6	0.2
Natural Gas.....	3,978,001	4,386,493	1,610,650	102,255	95,631	28,246	36,476	32,351	10.0	0.1
Nuclear.....	23,770,387	16,805,517	18,171,257	-	-	-	-	-	59.5	-
Pumped Storage.....	-149,547	-94,532	-140,628	-141,740	-145,800	-119,882	-287,239	-282,707	-0.4	-0.5
Independent Power Producers and Combined Heat and Power.....	3,480,238	18,011,099	32,830,923	57,790,941	60,000,330	55,489,236	54,233,433	59,300,988	8.7	97.9
Coal.....	-	2,060,796	4,772,199	7,879,758	8,188,343	7,996,829	8,521,626	10,248,558	-	16.9
Petroleum.....	263,034	837,391	790,179	1,066,103	528,119	1,332,535	1,291,994	984,463	0.7	1.6
Natural Gas.....	2,936,324	13,816,028	14,898,599	16,605,946	18,973,727	14,747,331	15,950,119	15,164,814	7.3	25.0
Other Gases.....	-	64,073	584,734	448,885	90,483	255,374	49,464	64,932	-	0.1
Nuclear.....	-	-	10,406,862	30,469,230	30,865,675	29,709,201	27,081,566	31,391,685	-	51.8
Hydroelectric.....	31,351	10,955	14,036	18,002	12,030	38,891	37,503	31,113	0.1	0.1
Other Renewables.....	249,529	1,221,856	1,364,314	843,632	847,199	906,771	804,792	874,906	0.6	1.4
Other.....	-	-	-	459,385	494,755	502,304	496,369	540,519	-	0.9
Total Electric Industry.....	39,968,834	45,098,658	58,085,215	59,421,260	61,569,386	57,399,351	55,882,341	60,549,582	100.0	100.0
Coal.....	7,057,820	7,165,980	10,090,115	9,319,040	9,605,054	9,789,563	10,322,471	11,625,410	17.7	19.2
Petroleum.....	2,094,969	1,722,288	1,085,276	1,296,625	730,633	1,541,552	1,390,820	1,106,561	5.2	1.8
Natural Gas.....	6,914,325	18,202,521	16,509,249	16,708,201	19,069,358	14,775,577	15,986,595	15,197,165	17.3	25.1
Other Gases.....	-	64,073	584,734	448,885	90,483	255,374	49,464	64,932	-	0.1
Nuclear.....	23,770,387	16,805,517	28,578,119	30,469,230	30,865,675	29,709,201	27,081,566	31,391,685	59.5	51.8
Hydroelectric.....	31,351	10,955	14,036	18,002	12,030	38,891	37,503	31,113	0.1	0.1
Other Renewables.....	249,529	1,221,856	1,364,314	843,632	847,199	906,771	804,792	874,906	0.6	1.4
Pumped Storage.....	-149,547	-94,532	-140,628	-141,740	-145,800	-119,882	-287,239	-282,707	-0.4	-0.5
Other.....	-	-	-	459,385	494,755	502,304	496,369	540,519	-	0.9

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
New Jersey								
Coal (cents per million Btu)	180.1	177.6	139.4	227.4	187.4	179.6	204.7	218.1
Average heat value (Btu per pound)	13,429	13,282	13,153	13,000	13,137	13,056	12,868	12,644
Average sulfur Content (percent)	1.2	1.2	1.1	1.6	1.2	1.1	1.6	1.1
Petroleum (cents per million Btu)	359.6	286.2	484.1	454.0	468.0	604.1	601.7	985.4
Average heat value (Btu per gallon)	148,298	149,310	149,557	141,667	143,162	139,250	135,095	134,802
Average sulfur Content (percent)	0.4	0.4	0.5	0.5	0.4	0.2	0.1	0.1
Natural Gas (cents per million Btu)	217.2	211.8	430.4	335.6	404.4	619.6	696.2	963.3
Average heat value (Btu per cubic foot)	1,032	1,031	1,027	1,030	1,035	1,036	1,031	1,024

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
New Jersey								
Sulfur Dioxide								
Coal.....	63	34	52	45	44	46	47	63
Petroleum.....	9	4	2	3	2	3	2	2
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	*	*	*	*	*	*	*	*
Total.....	71	38	55	48	46	49	49	65
Nitrogen Oxide								
Coal.....	35	29	27	23	24	21	20	22
Petroleum.....	4	2	1	2	1	2	2	2
Natural Gas.....	10	20	7	7	9	6	7	6
Other.....	1	2	3	5	5	5	5	5
Total.....	50	54	38	37	39	35	34	35
Carbon Dioxide								
Coal.....	6,777 ^R	7,323 ^R	10,547 ^R	10,323	9,645	9,825	10,364	11,537
Petroleum.....	2,227 ^R	1,623 ^R	1,089 ^R	1,400	814	1,489	1,354	997
Natural Gas.....	4,358 ^R	10,180 ^R	9,320 ^R	9,189	10,635	8,178	8,874	7,880
Other Renewables.....	152 ^R	862 ^R	852 ^R	840	878	712	697	689
Total.....	13,513 ^R	19,987 ^R	21,808 ^R	21,752	21,972	20,205	21,289	21,103

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New Jersey										
Retail Sales (thousand megawatthours)										
Residential.....	20,498	22,470	24,547	25,491	27,171	27,367	28,020	29,973	32.6	36.6
Commercial.....	26,839	29,792	33,112	34,445	35,429	36,616	38,074	39,762	42.7	48.6
Industrial.....	15,041	13,989	11,812	12,707	11,476	12,215	11,210	11,862	23.9	14.5
Other.....	479	504	506	534	526	NA	NA	NA	0.8	NA
Transportation.....	NA	NA	NA	NA	NA	184	290	299	NA	0.4
All Sectors.....	62,857	66,754	69,977	73,177	74,603	76,383	77,593	81,897	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	2,123	2,692	2,522	2,603	2,820	2,921	3,148	3,518	37.2	39.5
Commercial.....	2,400	3,049	3,027	3,132	3,155	3,335	3,793	4,218	42.1	47.3
Industrial.....	1,107	1,140	1,013	1,059	886	976	1,012	1,158	19.4	13.0
Other.....	77	91	61	60	78	NA	NA	NA	1.3	NA
Transportation.....	NA	NA	NA	NA	NA	13	32	23	NA	0.3
All Sectors.....	5,707	6,972	6,624	6,853	6,939	7,245	7,984	8,917	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	10.36	11.98	10.27	10.21	10.38	10.67	11.23	11.74	NA	NA
Commercial.....	8.94	10.23	9.14	9.09	8.90	9.11	9.96	10.61	NA	NA
Industrial.....	7.36	8.15	8.58	8.33	7.72	7.99	9.03	9.76	NA	NA
Other.....	15.96	18.07	12.11	11.21	14.81	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	7.15	10.94	7.65	NA	NA
All Sectors.....	9.08	10.44	9.47	9.36	9.30	9.48	10.29	10.89	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	4	9	NA	1	5	16	4	39
Number of Retail Customers	3,728,926	62,914	NA	11,499	6	7,009	NA	3,810,354
Retail Sales (thousand megawatthours)	62,817	1,187	NA	155	1,184	16,553	NA	81,897
Percentage of Retail Sales	76.70	1.45	NA	0.19	1.45	20.21	NA	100.00
Revenue from Retail Sales (million dollars)	6,881	133	NA	17	121	1,170	594	8,917
Percentage of Revenue	77.17	1.49	NA	0.19	1.36	13.12	6.66	100.00
Average Retail Price (cents/kWh)	10.95	11.21	NA	11.01	10.25	7.07	3.59	10.89

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
New Mexico		
NERC Region(s).....		SPP/WECC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	6,480	39
Electric Utilities.....	5,477	33
Independent Power Producers & Combined Heat and Power.....	1,003	39
Net Generation (megawatthours).....	35,135,642	37
Electric Utilities.....	33,561,875	30
Independent Power Producers & Combined Heat and Power.....	1,573,767	42
Emissions (thousand metric tons)		
Sulfur Dioxide	28	38
Nitrogen Oxide	69	26
Carbon Dioxide.....	32,740	31
Sulfur Dioxide (lbs/MWh)	1.8	41
Nitrogen Oxide (lbs/MWh)	4.4	6
Carbon Dioxide (lbs/MWh).....	2,054	6
Total Retail Sales (megawatthours).....	20,638,951	39
Full Service Provider Sales (megawatthours)	20,638,951	39
Direct Use (megawatthours)	77,971	45
Average Retail Price (cents/kWh).....	7.51	23

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
New Mexico			
1. Four Corners.....	Coal	Arizona Public Service Co	2,060
2. San Juan.....	Coal	Public Service Co of NM	1,643
3. Cunningham.....	Gas	Southwestern Public Service Co	487
4. Escalante.....	Coal	Tri-State G & T Assn Inc	247
5. Rio Grande.....	Gas	El Paso Electric Co	231
6. New Mexico Wind Energy Center.....	Other Renewables	FPL Energy New Mexico Wind LLC	204
7. Maddox.....	Gas	Southwestern Public Service Co	193
8. Pyramid.....	Gas	Tri-State G & T Assn Inc	158
9. Reeves.....	Gas	Public Service Co of NM	154
10. Afton Generating Station.....	Gas	Public Service Co of NM	141

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
New Mexico						
1. Public Service Co of NM	Investor-Owned	7,685,294	2,661,485	3,746,653	1,277,156	0
2. Southwestern Public Service Co	Investor-Owned	3,719,446	905,589	1,301,507	1,512,350	0
3. El Paso Electric Company	Investor-Owned	1,503,364	541,201	855,362	106,801	0
4. City of Farmington	Public	1,183,733	229,713	528,441	425,579	0
5. Texas-New Mexico Power Co.....	Investor-Owned	1,026,372	256,304	264,511	505,557	-
Total Sales, Top Five Providers		15,118,209	4,594,292	6,696,474	3,827,443	0
Percent of Total State Sales		73	78	80	60	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New Mexico										
Electric Utilities.....	5,042	5,078	5,250	5,250	5,463	5,398	5,393	5,477	97.3	84.5
Coal.....	3,899	3,901	3,942	3,942	3,942	3,942	3,937	3,957	75.2	61.1
Petroleum.....	24	24	-	-	15	35	35	35	0.5	0.5
Natural Gas	1,063	1,096	1,226	1,226	1,425	1,339	1,339	1,404	20.5	21.7
Hydroelectric	57	58	82	82	82	82	82	82	1.1	1.3
Independent Power Producers and Combined Heat and Power	141	182	350	409	473	891	937	1,003	2.7	15.5
Petroleum.....	26	24	38	10	10	10	10	2	0.5	*
Natural Gas	113	155	309	397	457	670	656	590	2.2	9.1
Other Renewables.....	2	2	2	2	6	210	270	410	*	6.3
Total Electric Industry.....	5,183	5,260	5,600	5,659	5,936	6,288	6,329	6,480	100.0	100.0
Coal.....	3,899	3,901	3,942	3,942	3,942	3,942	3,937	3,957	75.2	61.1
Petroleum.....	49	48	38	10	25	45	45	37	1.0	0.6
Natural Gas	1,176	1,251	1,535	1,623	1,881	2,009	1,995	1,994	22.7	30.8
Hydroelectric	57	58	82	82	82	82	82	82	1.1	1.3
Other Renewables.....	2	2	2	2	6	210	270	410	*	6.3

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New Mexico										
Electric Utilities.....	28,491,171	29,431,903	32,855,587	32,210,683	29,926,241	31,770,151	32,242,728	33,561,875	98.9	95.5
Coal.....	25,826,928	26,121,447	29,065,954	28,402,187	26,902,880	28,812,844	29,263,899	29,947,248	89.6	85.2
Petroleum.....	34,081	23,073	29,529	30,210	30,710	47,860	30,321	32,528	0.1	0.1
Natural Gas.....	2,424,727	3,023,463	3,538,952	3,540,966	2,728,060	2,738,748	2,809,561	3,417,106	8.4	9.7
Hydroelectric.....	205,435	263,920	221,152	237,320	264,591	170,699	138,947	164,993	0.7	0.5
Independent Power Producers and Combined Heat and Power.....	329,033	399,256	1,166,433	1,400,960	735,466	965,502	697,632	1,573,767	1.1	4.5
Petroleum.....	1,545	4,673	58,582	36,002	2,379	2,809	1,055	4,381	*	*
Natural Gas.....	313,360	385,530	1,099,387	1,346,306	713,679	779,958	183,112	770,112	1.1	2.2
Other Renewables.....	14,128	9,053	8,464	18,652	19,408	182,735	513,465	799,274	*	2.3
Total Electric Industry.....	28,820,204	29,831,159	34,022,020	33,611,643	30,661,707	32,735,653	32,940,360	35,135,642	100.0	100.0
Coal.....	25,826,928	26,121,447	29,065,954	28,402,187	26,902,880	28,812,844	29,263,899	29,947,248	89.6	85.2
Petroleum.....	35,626	27,746	88,111	66,212	33,089	50,669	31,376	36,909	0.1	0.1
Natural Gas.....	2,738,087	3,408,993	4,638,339	4,887,272	3,441,739	3,518,706	2,992,673	4,187,218	9.5	11.9
Hydroelectric.....	205,435	263,920	221,152	237,320	264,591	170,699	138,947	164,993	0.7	0.5
Other Renewables.....	14,128	9,053	8,464	18,652	19,408	182,735	513,465	799,274	*	2.3

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
New Mexico								
Coal (cents per million Btu)	131.8	141.7	137.8	147.4	152.9	142.5	147.7	150.9
Average heat value (Btu per pound)	9,117	9,033	9,206	9,250	9,444	9,164	9,225	9,173
Average sulfur Content (percent)	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.8
Petroleum (cents per million Btu)	524.5	490.4	758.5	631.5	613.9	W	W	W
Average heat value (Btu per gallon)	138,098	136,000	136,000	139,524	136,000	136,048	136,007	136,252
Average sulfur Content (percent)	0.8	1.0	0.8	1.0	0.1	-	-	*
Natural Gas (cents per million Btu)	190.8	154.5	387.7	415.0	303.8	W	W	W
Average heat value (Btu per cubic foot)	1,034	1,017	1,016	980	997	996	1,000	1,002

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
New Mexico								
Sulfur Dioxide								
Coal.....	54	53	63	57	46	46	35	28
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	*	*	*	*	*	*	*
Total.....	54	53	63	57	46	46	35	28
Nitrogen Oxide								
Coal.....	122	107	75	72	68	67	65	66
Petroleum.....	*	*	*	1	*	*	*	*
Natural Gas.....	4	4	5	5	4	4	3	4
Other.....	*	*	*	*	*	-	-	-
Total.....	125	111	80	78	72	71	68	69
Carbon Dioxide								
Coal.....	26,240 ^R	26,116 ^R	28,990 ^R	28,197	26,956	28,993	29,356	30,173
Petroleum.....	32 ^R	22 ^R	73 ^R	57	24	37	23	27
Natural Gas.....	1,655 ^R	2,004 ^R	2,932 ^R	2,980	2,172	2,147	1,891	2,540
Total.....	27,927 ^R	28,142 ^R	31,996 ^R	31,234	29,151	31,177	31,269	32,740

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New Mexico										
Retail Sales (thousand megawatthours)										
Residential.....	3,566	4,124	4,937	4,999	5,238	5,418	5,635	5,865	25.8	28.4
Commercial.....	4,464	5,094	6,674	6,844	7,000	8,063	8,239	8,411	32.3	40.8
Industrial.....	4,413	5,651	5,492	5,272	5,316	5,849	5,972	6,363	31.9	30.8
Other.....	1,378	1,547	1,698	1,612	1,653	NA	NA	NA	10.0	NA
All Sectors.....	13,821	16,416	18,801	18,727	19,207	19,330	19,846	20,639	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	319	368	413	437	445	471	488	536	32.5	34.6
Commercial.....	363	403	471	513	505	593	609	657	37.0	42.4
Industrial.....	220	249	257	287	238	290	312	357	22.4	23.0
Other.....	80	92	96	103	103	NA	NA	NA	8.1	NA
All Sectors.....	981	1,112	1,237	1,340	1,292	1,354	1,409	1,549	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	8.94	8.93	8.36	8.74	8.50	8.69	8.67	9.13	NA	NA
Commercial.....	8.14	7.91	7.06	7.50	7.22	7.36	7.39	7.81	NA	NA
Industrial.....	4.98	4.40	4.69	5.45	4.48	4.95	5.22	5.61	NA	NA
Other.....	5.78	5.95	5.64	6.37	6.23	NA	NA	NA	NA	NA
All Sectors.....	7.10	6.77	6.58	7.16	6.73	7.00	7.10	7.51	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	4	8	1	21	NA	NA	NA	34
Number of Retail Customers	654,663	80,190	29	194,672	NA	NA	NA	929,554
Retail Sales (thousand megawatthours)	13,934	2,233	185	4,286	NA	NA	NA	20,639
Percentage of Retail Sales	67.52	10.82	0.90	20.77	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	1,051	163	4	331	NA	NA	NA	1,549
Percentage of Revenue	67.84	10.50	0.28	21.39	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	7.54	7.28	2.31	7.73	NA	NA	NA	7.51

New Mexico

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
New York		
NERC Region(s).....		NPCC
Primary Energy Source.....		Nuclear
Net Summer Capability (megawatts).....	39,122	6
Electric Utilities.....	11,927	20
Independent Power Producers & Combined Heat and Power.....	27,195	5
Net Generation (megawatthours).....	146,887,419	7
Electric Utilities.....	39,962,653	27
Independent Power Producers & Combined Heat and Power.....	106,924,767	5
Emissions (thousand metric tons)		
Sulfur Dioxide	187	19
Nitrogen Oxide	82	20
Carbon Dioxide.....	60,445	14
Sulfur Dioxide (lbs/MWh)	2.8	35
Nitrogen Oxide (lbs/MWh)	1.2	42
Carbon Dioxide (lbs/MWh).....	907	41
Total Retail Sales (megawatthours).....	150,147,571	5
Full Service Provider Sales (megawatthours)	93,474,451	13
Deregulated Sales (megawatthours)	56,673,120	1
Direct Use (megawatthours)	3,806,503	9
Average Retail Price (cents/kWh).....	13.95	2

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
New York			
1. Ravenswood.....	Petroleum	KeySpan-Ravenswood Inc	2,401
2. Robert Moses Niagara	Hydroelectric	Power Authority of State of NY	2,253
3. Nine Mile Point Nuclear Station	Nuclear	Nine Mile Point Nuclear Sta LLC	1,756
4. Oswego Harbor Power.....	Petroleum	NRG Oswego Harbor Power Operations Inc	1,670
5. Northport	Petroleum	KeySpan Generation LLC	1,563
6. Astoria Generating Station	Petroleum	Astoria Generating Co LP	1,273
7. Roseton Generating Station.....	Petroleum	Dynegy Northeast Gen Inc	1,213
8. Bowline Point	Petroleum	Mirant New York Inc	1,139
9. Athens Generating Plant.....	Gas	Athens Generating Company LLC	1,138
10. Blenheim Gilboa.....	Pumped Storage	Power Authority of State of NY	1,057

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
New York						
1. Consolidated Edison Co-NY Inc	Investor-Owned	29,343,952	13,689,872	15,271,507	365,733	16,840
2. Long Island Power Authority	Public	19,161,599	9,705,553	9,198,576	0	257,470
3. Niagara Mohawk Power Corp	Investor-Owned	18,518,953	10,749,792	5,887,419	1,881,205	537
4. New York Power Authority.....	Public	15,112,529	0	7,591,023	4,870,575	2,650,931
5. New York State Elec & Gas Corp.....	Investor-Owned	10,290,065	5,732,108	2,714,119	1,814,690	29,148
Total Sales, Top Five Providers		92,427,098	39,877,325	40,662,644	8,932,203	2,954,926
Percent of Total State Sales		62	79	53	45	104

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New York										
Electric Utilities.....	31,224	32,147	15,806	11,572	11,675	11,902	11,386	11,927	96.3	30.5
Coal.....	3,887	3,870	668	302	302	302	297	297	12.0	0.8
Petroleum.....	6,142	4,643	5,035	3,638	3,638	3,688	2,642	2,450	19.0	6.3
Natural Gas.....	11,271	11,463	2,227	2,682	2,783	2,908	3,894	4,628	34.8	11.8
Nuclear.....	4,839	4,824	3,223	498	498	498	-	-	14.9	-
Hydroelectric.....	1,645	3,906	3,356	3,155	3,158	3,210	3,256	3,256	5.1	8.3
Pumped Storage.....	3,440	3,440	1,297	1,297	1,297	1,297	1,297	1,297	10.6	3.3
Independent Power Producers and Combined Heat and Power	1,184	5,329	19,807	24,080	24,366	24,795	26,457	27,195	3.7	69.5
Coal.....	264	395	3,267	3,811	3,842	3,924	3,904	3,921	0.8	10.0
Petroleum.....	86	55	1,864	4,155	4,218	4,768	4,766	4,782	0.3	12.2
Natural Gas.....	258	4,078	11,449	10,242	10,415	10,249	11,380	11,867	0.8	30.3
Other Gases.....	20	20	23	-	-	-	-	-	0.1	-
Nuclear.....	-	-	1,790	4,550	4,550	4,531	5,067	5,150	-	13.2
Hydroelectric.....	289	366	1,010	957	952	950	954	951	0.9	2.4
Other Renewables.....	266	413	403	365	390	373	386	525	0.8	1.3
Total Electric Industry.....	32,408	37,476	35,613	35,653	36,041	36,696	37,842	39,122	100.0	100.0
Coal.....	4,151	4,266	3,935	4,113	4,144	4,226	4,201	4,218	12.8	10.8
Petroleum.....	6,229	4,698	6,899	7,793	7,856	8,456	7,407	7,231	19.2	18.5
Natural Gas.....	11,529	15,541	13,676	12,925	13,197	13,156	15,274	16,494	35.6	42.2
Other Gases.....	20	20	23	-	-	-	-	-	0.1	-
Nuclear.....	4,839	4,824	5,013	5,047	5,047	5,028	5,067	5,150	14.9	13.2
Hydroelectric.....	1,934	4,272	4,366	4,113	4,109	4,160	4,210	4,207	6.0	10.8
Other Renewables.....	266	413	403	365	390	373	386	525	0.8	1.3
Pumped Storage.....	3,440	3,440	1,297	1,297	1,297	1,297	1,297	1,297	10.6	3.3

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New York										
Electric Utilities.....	128,655,291	101,160,796	73,187,745	58,568,850	43,466,278	41,578,894	40,955,819	39,962,653	95.1	27.2
Coal.....	24,616,655	19,943,312	4,025,614	2,087,952	1,682,022	1,693,854	1,707,414	1,108,151	18.2	0.8
Petroleum.....	33,404,291	7,834,878	11,449,092	9,177,172	7,434,611	9,681,490	9,159,172	9,769,302	24.7	6.7
Natural Gas.....	21,262,936	23,414,071	8,968,658	8,871,000	10,798,275	7,737,717	7,210,772	8,113,145	15.7	5.5
Nuclear.....	23,623,356	26,336,172	29,888,320	20,753,492	3,826,848	3,864,019	1,917,259	-	17.5	-
Hydroelectric.....	26,802,148	24,782,142	19,846,498	18,609,754	20,645,746	19,513,620	21,774,373	21,752,786	19.8	14.8
Other Renewables.....	-	12,234	-	-	-	-	-	-	-	-
Pumped Storage.....	-1,054,095	-1,162,013	-990,437	-930,520	-921,224	-911,806	-813,171	-780,731	-0.8	-0.5
Independent Power Producers and Combined Heat and Power.....	6,690,401	32,252,485	64,891,330	85,345,709	96,125,411	96,064,422	97,008,974	106,924,766	4.9	72.8
Coal.....	1,296,392	2,345,601	20,983,967	21,343,970	21,557,091	21,887,213	21,146,482	19,489,532	1.0	13.3
Petroleum.....	480,564	433,412	3,496,087	7,334,921	4,099,498	9,610,109	11,998,634	14,274,956	0.4	9.7
Natural Gas.....	1,461,399	25,642,435	30,760,051	29,826,215	27,652,917	20,418,631	20,114,103	23,717,860	1.1	16.1
Other Gases.....	89,034	96,673	86,201	114,537	-	-	-	-	0.1	-
Nuclear.....	-	-	1,619,668	19,641,493	35,790,643	36,815,186	38,723,046	42,443,152	-	28.9
Hydroelectric.....	1,386,074	1,211,055	5,063,074	4,474,201	4,402,149	4,755,040	2,215,289	4,029,732	1.0	2.7
Other Renewables.....	1,976,938	2,523,309	2,882,282	1,801,072	1,807,668	1,735,500	1,927,047	1,998,459	1.5	1.4
Other.....	-	-	-	809,300	815,443	842,742	884,374	971,076	-	0.7
Total Electric Industry.....	135,345,692	133,413,281	138,079,075	143,914,559	139,591,689	137,643,316	137,964,793	146,887,419	100.0	100.0
Coal.....	25,913,047	22,288,913	25,009,581	23,431,922	23,239,113	23,581,067	22,853,896	20,597,683	19.1	14.0
Petroleum.....	33,884,855	8,268,290	14,945,179	16,512,093	11,534,109	19,291,599	21,157,806	24,044,258	25.0	16.4
Natural Gas.....	22,724,335	49,056,506	39,728,709	38,697,215	38,451,192	28,156,348	27,324,875	31,831,005	16.8	21.7
Other Gases.....	89,034	96,673	86,201	114,537	-	-	-	-	0.1	-
Nuclear.....	23,623,356	26,336,172	31,507,988	40,394,985	39,617,491	40,679,205	40,640,305	42,443,152	17.5	28.9
Hydroelectric.....	28,188,222	25,993,197	24,909,572	23,083,955	25,047,895	24,268,660	23,989,662	25,782,518	20.8	17.6
Other Renewables.....	1,976,938	2,535,543	2,882,282	1,801,072	1,807,668	1,735,500	1,927,047	1,998,459	1.5	1.4
Pumped Storage.....	-1,054,095	-1,162,013	-990,437	-930,520	-921,224	-911,806	-813,171	-780,731	-0.8	-0.5
Other.....	-	-	-	809,300	815,443	842,742	884,374	971,076	-	0.7

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
New York								
Coal (cents per million Btu)	161.3	141.2	149.1	141.6	155.0	159.5	175.6	213.4
Average heat value (Btu per pound)	12,846	13,051	13,117	13,025	13,019	12,545	12,063	11,832
Average sulfur Content (percent)	1.8	1.8	1.1	2.0	1.8	1.8	1.7	1.4
Petroleum (cents per million Btu)	360.3	263.4	430.6	350.2	365.9	493.2	486.2	730.8
Average heat value (Btu per gallon)	150,036	148,624	151,162	149,286	149,371	149,998	149,024	148,914
Average sulfur Content (percent)	0.8	0.6	0.8	0.7	1.0	0.7	0.9	0.7
Natural Gas (cents per million Btu)	238.2	208.0	459.7	404.7	398.7	605.0	652.6	905.5
Average heat value (Btu per cubic foot)	1,033	1,026	1,019	1,010	1,019	1,025	1,021	1,019

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
New York								
Sulfur Dioxide								
Coal.....	271	200	201	198	194	187	158	121
Petroleum.....	138	27	59	62	43	70	76	65
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	8	3	1	1	1	2	2	2
Total.....	417	229	261	261	239	259	236	187
Nitrogen Oxide								
Coal.....	106	81	53	46	46	39	33	30
Petroleum.....	51	12	16	25	16	24	28	28
Natural Gas.....	30	50	21	17	22	14	13	15
Other.....	6	6	5	8	8	9	10	10
Total.....	193	149	94	97	91	86	85	82
Carbon Dioxide								
Coal.....	26,368 ^R	23,408 ^R	25,538 ^R	24,280	23,496	24,072	23,407	21,536
Petroleum.....	27,877 ^R	7,159 ^R	13,042 ^R	14,449	10,046	16,337	18,044	20,237
Natural Gas.....	13,096 ^R	24,545 ^R	21,266 ^R	20,216	20,715	15,007	14,481	16,954
Other Renewables.....	1,087 ^R	1,389 ^R	1,512 ^R	1,518	1,514	1,531	1,604	1,719
Total.....	68,428 ^R	56,501 ^R	61,358 ^R	60,463	55,771	56,946	57,535	60,445

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
New York										
Retail Sales (thousand megawatthours)										
Residential.....	38,574	39,887	43,018	44,236	46,457	47,116	47,379	50,533	29.8	33.7
Commercial.....	46,921	52,751	59,764	60,806	62,271	72,495	74,378	76,822	36.3	51.2
Industrial.....	31,929	25,317	25,838	25,450	25,148	21,745	20,675	19,947	24.7	13.3
Other.....	11,900	12,515	13,407	13,689	13,565	NA	NA	NA	9.2	NA
Transportation.....	NA	NA	NA	NA	NA	2,689	2,650	2,846	NA	1.9
All Sectors.....	129,324	130,471	142,027	144,181	147,440	144,045	145,082	150,148	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	4,414	5,544	6,010	6,209	6,295	6,743	6,890	7,945	36.4	37.9
Commercial.....	4,911	6,290	7,562	7,827	7,681	9,372	9,654	11,031	40.5	52.7
Industrial.....	1,846	1,466	1,389	1,414	1,302	1,552	1,455	1,641	15.2	7.8
Other.....	947	1,135	1,206	1,201	1,177	NA	NA	NA	7.8	NA
Transportation.....	NA	NA	NA	NA	NA	252	210	324	NA	1.5
All Sectors.....	12,119	14,435	16,167	16,651	16,454	17,920	18,209	20,941	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	11.44	13.90	13.97	14.04	13.55	14.31	14.54	15.72	NA	NA
Commercial.....	10.47	11.92	12.65	12.87	12.33	12.93	12.98	14.36	NA	NA
Industrial.....	5.78	5.79	5.37	5.56	5.18	7.14	7.04	8.23	NA	NA
Other.....	7.96	9.07	8.99	8.77	8.68	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	9.38	7.92	11.39	NA	NA
All Sectors.....	9.37	11.06	11.38	11.55	11.16	12.44	12.55	13.95	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	8	48	NA	4	2	25	8	95
Number of Retail Customers	6,037,842	1,256,018	NA	16,532	3	475,122	NA	7,785,517
Retail Sales (thousand megawatthours)	69,206	23,836	NA	195	238	56,673	NA	150,148
Percentage of Retail Sales	46.09	15.87	NA	0.13	0.16	37.74	NA	100.00
Revenue from Retail Sales (million dollars)	10,737	3,412	NA	18	25	4,975	1,774	20,941
Percentage of Revenue	51.27	16.29	NA	0.09	0.12	23.76	8.47	100.00
Average Retail Price (cents/kWh)	15.51	14.31	NA	9.15	10.41	8.78	3.13	13.95

New York

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
North Carolina		
NERC Region(s).....		SERC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	27,107	12
Electric Utilities.....	23,822	6
Independent Power Producers & Combined Heat and Power.....	3,284	27
Net Generation (megawatthours).....	129,748,578	11
Electric Utilities.....	121,674,733	5
Independent Power Producers & Combined Heat and Power.....	8,073,843	30
Emissions (thousand metric tons)		
Sulfur Dioxide	482	6
Nitrogen Oxide	107	13
Carbon Dioxide.....	75,890	13
Sulfur Dioxide (lbs/MWh)	8.2	10
Nitrogen Oxide (lbs/MWh)	1.8	35
Carbon Dioxide (lbs/MWh).....	1,289	32
Total Retail Sales (megawatthours)	128,335,377	9
Full Service Provider Sales (megawatthours)	128,335,377	7
Direct Use (megawatthours)	2,985,075	13
Average Retail Price (cents/kWh).....	7.19	27

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
North Carolina			
1. Roxboro	Coal	Progress Energy Carolinas Inc	2,477
2. Belews Creek.....	Coal	Duke Energy Corp	2,270
3. McGuire.....	Nuclear	Duke Energy Corp	2,200
4. Marshall	Coal	Duke Energy Corp	2,110
5. Brunswick	Nuclear	Progress Energy Carolinas Inc	1,838
6. Lincoln Combustion	Petroleum	Duke Energy Corp	1,267
7. Richmond.....	Gas	Progress Energy Carolinas Inc	1,247
8. G G Allen.....	Coal	Duke Energy Corp	1,145
9. Rowan.....	Gas	Progress Energy Ventures	977
10. Harris	Nuclear	Progress Energy Carolinas Inc	900

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Duke Energy Corporation.....	Investor-Owned	55,550,184	20,005,546	20,447,383	15,097,219	36
2. Progress Energy Carolinas Inc	Investor-Owned	36,865,212	14,524,464	12,890,453	9,450,295	0
3. Virginia Electric & Power Co	Investor-Owned	4,214,456	1,575,311	930,029	1,709,116	0
4. Public Works Comm-City of Fayetteville.....	Public	2,139,646	922,089	843,527	374,030	0
5. EnergyUnited Elec Member Corp.....	Cooperative	2,138,339	1,493,210	502,570	142,559	0
Total Sales, Top Five Providers		100,907,837	38,520,620	35,613,962	26,773,219	36
Percent of Total State Sales.....		79	71	81	89	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	20,190	20,597	22,015	23,478	23,652	23,726	23,671	23,822	94.8	87.9
Coal.....	12,500	12,440	12,440	12,440	12,440	12,440	12,495	12,487	58.7	46.1
Petroleum.....	299	340	791	790	836	836	541	540	1.4	2.0
Natural Gas.....	731	1,650	2,509	3,931	4,010	4,010	4,035	4,200	3.4	15.5
Nuclear.....	4,698	4,639	4,691	4,731	4,731	4,783	4,938	4,938	22.1	18.2
Hydroelectric.....	1,894	1,528	1,490	1,490	1,538	1,562	1,567	1,562	8.9	5.8
Pumped Storage.....	68	-	94	94	94	94	95	95	0.3	0.4
Independent Power Producers and Combined Heat and Power	1,110	1,798	2,464	2,598	3,023	3,537	3,438	3,284	5.2	12.1
Coal.....	614	965	925	882	828	828	731	709	2.9	2.6
Petroleum.....	6	36	95	49	50	54	53	53	*	0.2
Natural Gas.....	166	201	847	1,000	1,465	1,977	1,962	1,797	0.8	6.6
Hydroelectric.....	9	363	369	377	376	376	385	383	*	1.4
Other Renewables.....	277	196	191	253	266	264	270	305	1.3	1.1
Other.....	37	37	37	37	37	37	37	37	0.2	0.1
Total Electric Industry.....	21,300	22,394	24,479	26,076	26,674	27,263	27,110	27,107	100.0	100.0
Coal.....	13,114	13,405	13,365	13,322	13,268	13,268	13,226	13,196	61.6	48.7
Petroleum.....	305	376	885	839	887	891	595	594	1.4	2.2
Natural Gas.....	897	1,851	3,356	4,931	5,475	5,987	5,997	5,997	4.2	22.1
Nuclear.....	4,698	4,639	4,691	4,731	4,731	4,783	4,938	4,938	22.1	18.2
Hydroelectric.....	1,903	1,890	1,860	1,867	1,914	1,939	1,951	1,945	8.9	7.2
Other Renewables.....	277	196	191	255	268	264	270	305	1.3	1.1
Pumped Storage.....	68	-	94	94	94	94	95	95	0.3	0.4
Other.....	37	37	37	37	37	37	37	37	0.2	0.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
North Carolina										
Electric Utilities.....	79,845,217	96,109,819	114,433,191	109,807,278	115,597,653	118,433,112	118,328,694	121,674,733	94.0	93.8
Coal.....	46,631,040	55,698,342	71,719,489	68,775,284	71,223,313	70,630,278	71,956,852	74,915,235	54.9	57.7
Petroleum.....	186,899	234,263	468,482	412,765	376,170	459,947	250,402	231,141	0.2	0.2
Natural Gas.....	165,362	252,862	839,137	999,515	1,935,684	1,257,328	2,019,290	2,573,322	0.2	2.0
Nuclear.....	25,905,319	35,910,195	39,126,881	37,775,025	39,626,849	40,906,900	40,090,623	39,981,739	30.5	30.8
Hydroelectric.....	6,776,551	3,846,840	2,171,100	1,844,689	2,410,462	5,059,386	3,933,276	3,826,791	8.0	2.9
Pumped Storage.....	180,046	167,317	108,102	-	25,175	119,273	78,251	146,505	0.2	0.1
Independent Power Producers and Combined Heat and Power.....	5,080,550	10,184,837	7,841,165	7,688,572	8,870,376	9,149,208	8,001,262	8,073,845	6.0	6.2
Coal.....	3,190,555	5,786,656	4,225,974	4,182,483	3,964,428	4,145,953	3,590,713	3,535,917	3.8	2.7
Petroleum.....	141,126	245,355	357,349	242,979	215,856	323,748	329,825	253,938	0.2	0.2
Natural Gas.....	38,103	518,826	291,116	534,840	1,625,186	323,038	524,372	570,053	*	0.4
Other Gases.....	-	-	-	991	863	17	-	-	-	-
Hydroelectric.....	42,876	1,673,970	966,716	751,016	1,081,586	2,141,558	1,501,923	1,569,711	0.1	1.2
Other Renewables.....	1,464,484	1,700,900	1,773,567	1,751,290	1,786,255	1,975,716	1,772,471	1,838,368	1.7	1.4
Other.....	203,406	259,130	226,443	224,973	196,202	239,178	281,958	305,856	0.2	0.2
Total Electric Industry.....	84,925,767	106,294,656	122,274,356	117,495,850	124,468,029	127,582,320	126,329,956	129,748,578	100.0	100.0
Coal.....	49,821,595	61,484,998	75,945,463	72,957,767	75,187,741	74,776,231	75,547,565	78,451,152	58.7	60.5
Petroleum.....	328,025	479,618	825,831	655,744	592,026	783,695	580,227	485,079	0.4	0.4
Natural Gas.....	203,465	771,688	1,130,253	1,534,355	3,560,870	1,580,366	2,543,662	3,143,375	0.2	2.4
Other Gases.....	-	-	-	991	863	17	-	-	-	-
Nuclear.....	25,905,319	35,910,195	39,126,881	37,775,025	39,626,849	40,906,900	40,090,623	39,981,739	30.5	30.8
Hydroelectric.....	6,819,427	5,520,810	3,137,816	2,595,705	3,492,048	7,200,944	5,435,199	5,396,502	8.0	4.2
Other Renewables.....	1,464,484	1,700,900	1,773,567	1,751,290	1,786,255	1,975,716	1,772,471	1,838,368	1.7	1.4
Pumped Storage.....	180,046	167,317	108,102	-	25,175	119,273	78,251	146,505	0.2	0.1
Other.....	203,406	259,130	226,443	224,973	196,202	239,178	281,958	305,856	0.2	0.2

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
North Carolina								
Coal (cents per million Btu)	178.0	162.8	142.7	159.3	176.1	178.4	200.0	239.5
Average heat value (Btu per pound)	12,544	12,461	12,448	12,380	12,422	12,423	12,345	12,309
Average sulfur Content (percent)	1.0	0.9	0.8	0.9	0.9	0.9	0.9	0.9
Petroleum (cents per million Btu)	512.1	381.5	615.6	584.3	466.5	622.7	714.9	W
Average heat value (Btu per gallon)	138,229	138,148	138,360	145,952	144,098	140,848	141,338	142,869
Average sulfur Content (percent)	0.2	0.3	0.3	0.2	1.0	0.5	0.7	0.8
Natural Gas (cents per million Btu)	-	232.8	432.2	435.0	343.9	560.4	658.4	W
Average heat value (Btu per cubic foot)	-	1,033	1,026	1,020	1,012	1,032	1,036	1,037

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
North Carolina								
Sulfur Dioxide								
Coal.....	343	356	438	430	437	437	443	469
Petroleum.....	5	1	13	4	3	4	2	2
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	16	16	14	12	9	10	11	11
Total.....	364	373	464	445	450	450	456	482
Nitrogen Oxide								
Coal.....	197	212	167	144	144	129	113	103
Petroleum.....	1	1	2	3	2	3	1	1
Natural Gas.....	1	1	1	1	2	1	1	1
Other.....	4	4	4	5	4	4	2	2
Total.....	203	218	174	152	152	136	116	107
Carbon Dioxide								
Coal.....	47,466 ^R	57,437 ^R	70,948 ^R	68,176	69,715	69,766	70,249	73,425
Petroleum.....	752 ^R	1,185 ^R	1,603 ^R	1,265	1,070	1,259	957	864
Natural Gas.....	220 ^R	612 ^R	744 ^R	936	1,741	789	1,172	1,478
Other Renewables.....	10 ^R	42 ^R	39 ^R	84	61	82	105	124
Total.....	48,448 ^R	59,276 ^R	73,334 ^R	70,461	72,588	71,897	72,483	75,890

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
North Carolina										
Retail Sales (thousand megawatthours)										
Residential.....	33,144	39,506	46,537	46,201	49,854	49,349	51,717	54,073	36.9	42.1
Commercial.....	23,835	29,195	36,859	37,744	39,277	41,672	42,864	44,161	26.5	34.4
Industrial.....	31,265	34,063	34,252	32,931	31,381	30,314	31,075	30,101	34.8	23.5
Other.....	1,681	1,909	2,208	2,151	2,174	NA	NA	NA	1.9	NA
Transportation.....	NA	NA	NA	NA	NA	NA	NA	*	NA	*
All Sectors.....	89,924	104,673	119,855	119,027	122,686	121,335	125,657	128,335	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	2,599	3,207	3,709	3,750	4,085	4,106	4,369	4,680	45.3	50.7
Commercial.....	1,531	1,888	2,345	2,423	2,559	2,770	2,871	3,028	26.7	32.8
Industrial.....	1,492	1,652	1,569	1,518	1,474	1,453	1,516	1,516	26.0	16.4
Other.....	118	138	144	144	146	NA	NA	NA	2.1	NA
Transportation.....	NA	NA	NA	NA	NA	NA	NA	*	NA	*
All Sectors.....	5,740	6,885	7,767	7,835	8,263	8,329	8,756	9,224	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.84	8.12	7.97	8.12	8.19	8.32	8.45	8.65	NA	NA
Commercial.....	6.42	6.47	6.36	6.42	6.51	6.65	6.70	6.86	NA	NA
Industrial.....	4.77	4.85	4.58	4.61	4.70	4.79	4.88	5.04	NA	NA
Other.....	7.00	7.21	6.53	6.68	6.70	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	NA	NA	8.33	NA	NA
All Sectors.....	6.38	6.58	6.48	6.58	6.74	6.86	6.97	7.19	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	3	72	1	32	NA	NA	NA	108
Number of Retail Customers	3,042,978	564,167	5	943,027	NA	NA	NA	4,550,177
Retail Sales (thousand megawatthours)	96,630	15,524	6	16,175	NA	NA	NA	128,335
Percentage of Retail Sales	75.29	12.10	*	12.60	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	6,469	1,284	*	1,470	NA	NA	NA	9,224
Percentage of Revenue	70.14	13.92	*	15.94	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	6.70	8.27	6.83	9.09	NA	NA	NA	7.19

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
North Dakota		
NERC Region(s).....		MRO
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	4,758	41
Electric Utilities.....	4,625	35
Independent Power Producers & Combined Heat and Power.....	133	49
Net Generation (megawatthours).....	31,932,615	39
Electric Utilities.....	31,512,768	32
Independent Power Producers & Combined Heat and Power.....	419,847	48
Emissions (thousand metric tons)		
Sulfur Dioxide	126	22
Nitrogen Oxide	70	25
Carbon Dioxide.....	32,833	30
Sulfur Dioxide (lbs/MWh)	8.7	8
Nitrogen Oxide (lbs/MWh)	4.9	4
Carbon Dioxide (lbs/MWh).....	2,267	2
Total Retail Sales (megawatthours)	10,839,990	46
Full Service Provider Sales (megawatthours)	10,839,990	43
Direct Use (megawatthours)	211,673	41
Average Retail Price (cents/kWh).....	5.92	44

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
North Dakota			
1. Coal Creek	Coal	Great River Energy	1,116
2. Antelope Valley.....	Coal	Basin Electric Power Coop	900
3. Milton R Young.....	Coal	Minnkota Power Coop Inc	705
4. Leland Olds.....	Coal	Basin Electric Power Coop	669
5. Garrison	Hydroelectric	USCE-Missouri River District	432
6. Coyote.....	Coal	Otter Tail Power Co	427
7. Stanton	Coal	Great River Energy	188
8. R M Heskett.....	Coal	MDU Resources Group Inc	103
9. FPL Energy North Dakota Wind I/II.....	Other Renewables	FPL Energy North Dakota Wind LLC	62
10. Jamestown	Petroleum	Otter Tail Power Co	46

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Northern States Power Co	Investor-Owned	2,087,609	734,205	1,038,716	314,688	0
2. Otter Tail Power Co.....	Investor-Owned	1,527,773	532,730	936,087	58,956	0
3. MDU Resources Group Inc	Investor-Owned	1,400,861	526,612	736,118	138,131	0
4. Basin Electric Power Coop.....	Cooperative	907,697	0	0	907,697	0
5. Cass County Electric Coop Inc.....	Cooperative	763,874	430,064	276,202	57,608	0
Total Sales, Top Five Providers		6,687,814	2,223,611	2,987,123	1,477,080	0
Percent of Total State Sales		62	59	75	48	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	4,525	4,485	4,678	4,677	4,659	4,562	4,673	4,625	99.4	97.2
Coal.....	3,876	3,862	4,107	4,107	4,084	4,107	4,105	4,106	85.1	86.3
Petroleum.....	94	69	65	64	69	72	71	75	2.1	1.6
Natural Gas	10	10	10	10	10	10	10	10	0.2	0.2
Hydroelectric	545	545	497	497	497	371	485	432	12.0	9.1
Other Renewables.....	-	-	-	-	-	3	3	3	-	0.1
Independent Power Producers and Combined Heat and Power	29	35	37	40	40	101	101	133	0.6	2.8
Coal.....	18	18	20	21	21	21	21	21	0.4	0.4
Natural Gas	11	-	-	-	-	-	-	-	0.2	-
Other Gases.....	-	7	7	8	8	8	8	8	-	0.2
Other Renewables.....	-	9	9	10	10	72	71	103	-	2.2
Total Electric Industry.....	4,553	4,520	4,715	4,717	4,699	4,663	4,774	4,758	100.0	100.0
Coal.....	3,894	3,880	4,127	4,128	4,105	4,129	4,126	4,127	85.5	86.7
Petroleum.....	94	69	65	64	69	72	71	75	2.1	1.6
Natural Gas	21	10	10	10	10	10	10	10	0.5	0.2
Other Gases.....	-	7	7	8	8	8	8	8	-	0.2
Hydroelectric	545	545	497	497	497	371	485	432	12.0	9.1
Other Renewables.....	-	9	9	10	10	74	74	105	-	2.2

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
North Dakota										
Electric Utilities.....	26,824,491	28,842,021	31,122,917	30,135,733	31,147,221	31,075,012	29,526,814	31,512,768	99.4	98.7
Coal.....	25,092,696	26,336,456	28,952,976	28,769,721	29,518,865	29,298,347	27,938,264	30,133,242	93.0	94.4
Petroleum.....	20,682	49,107	47,457	33,850	35,728	45,648	36,565	32,480	0.1	0.1
Natural Gas.....	-35	-943	-77	86	12	-47	265	-29	*	*
Hydroelectric.....	1,711,148	2,457,401	2,122,561	1,332,076	1,592,616	1,723,904	1,545,864	1,341,824	6.3	4.2
Other Renewables.....	-	-	-	-	-	7,160	5,856	5,251	-	*
Independent Power Producers and Combined Heat and Power.....	168,770	162,226	188,279	196,339	159,091	247,117	409,292	419,847	0.6	1.3
Coal.....	96,307	87,415	116,227	107,454	92,659	128,964	125,960	125,517	0.4	0.4
Petroleum.....	20,865	8,584	13,500	14,036	2,848	6,244	1,912	1,727	0.1	*
Natural Gas.....	51,598	595	2,164	2,450	8,030	9,493	6,485	9,126	0.2	*
Other Gases.....	-	43,673	48,413	64,734	55,144	50,096	60,665	58,394	-	0.2
Other Renewables.....	-	21,959	7,975	7,665	410	52,320	214,270	225,083	-	0.7
Total Electric Industry.....	26,993,261	29,004,247	31,311,196	30,332,072	31,306,312	31,322,129	29,936,106	31,932,615	100.0	100.0
Coal.....	25,189,003	26,423,871	29,069,203	28,877,175	29,611,524	29,427,311	28,064,224	30,258,759	93.3	94.8
Petroleum.....	41,547	57,691	60,957	47,886	38,576	51,892	38,477	34,207	0.2	0.1
Natural Gas.....	51,563	-348	2,087	2,536	8,042	9,446	6,750	9,097	0.2	*
Other Gases.....	-	43,673	48,413	64,734	55,144	50,096	60,665	58,394	-	0.2
Hydroelectric.....	1,711,148	2,457,401	2,122,561	1,332,076	1,592,616	1,723,904	1,545,864	1,341,824	6.3	4.2
Other Renewables.....	-	21,959	7,975	7,665	410	59,480	220,126	230,334	-	0.7

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
North Dakota								
Coal (cents per million Btu)	68.6	73.3	72.4	74.2	74.3	74.2	77.3	82.2
Average heat value (Btu per pound)	6,636	6,585	6,528	6,560	6,564	6,549	6,602	6,686
Average sulfur Content (percent)	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Petroleum (cents per million Btu)	499.1	417.5	692.3	638.6	572.9	675.9	862.9	1,244.4
Average heat value (Btu per gallon)	139,276	139,176	138,960	141,905	138,955	138,995	138,410	139,014
Average sulfur Content (percent)	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Natural Gas (cents per million Btu)	386.2	349.4	639.9	687.5	247.9	744.3	778.3	953.6
Average heat value (Btu per cubic foot)	1,038	1,066	1,045	1,030	1,023	1,030	1,034	1,073

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
North Dakota								
Sulfur Dioxide								
Coal.....	133	123	142	142	128	128	137	125
Petroleum.....	1	*	*	*	*	*	*	*
Natural Gas.....	*	-	-	-	-	-	-	-
Other.....	-	-	*	*	*	*	*	*
Total.....	133	124	142	142	129	128	137	126
Nitrogen Oxide								
Coal.....	68	65	72	73	69	70	72	70
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	*	*	-	*	*	*	*
Other.....	-	-	*	*	1	*	*	*
Total.....	69	65	72	73	70	71	73	70
Carbon Dioxide								
Coal.....	28,020 ^R	29,264 ^R	32,239 ^R	31,729	32,087	31,669	30,322	32,775
Petroleum.....	111 ^R	80 ^R	87 ^R	75	43	63	39	37
Natural Gas.....	113 ^R	2 ^R	5 ^R	6	27	23	29	22
Total.....	28,244 ^R	29,345 ^R	32,332 ^R	31,810	32,156	31,754	30,390	32,833

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
North Dakota										
Retail Sales (thousand megawatthours)										
Residential.....	2,954	3,384	3,390	3,480	3,664	3,707	3,663	3,796	42.1	35.0
Commercial.....	1,795	2,237	2,554	3,071	3,404	3,800	3,843	3,994	25.6	36.8
Industrial.....	1,760	1,771	3,031	2,753	2,636	2,954	3,010	3,050	25.1	28.1
Other.....	506	490	438	506	516	NA	NA	NA	7.2	NA
All Sectors.....	7,014	7,883	9,413	9,810	10,219	10,461	10,516	10,840	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	185	211	218	225	234	241	249	265	45.8	41.4
Commercial.....	116	139	155	184	199	214	225	244	28.7	38.1
Industrial.....	84	80	121	110	105	117	124	132	20.9	20.6
Other.....	18	21	18	19	19	NA	NA	NA	4.6	NA
All Sectors.....	403	450	512	538	557	572	599	641	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	6.26	6.23	6.44	6.47	6.39	6.49	6.79	6.99	NA	NA
Commercial.....	6.45	6.20	6.08	5.99	5.85	5.64	5.86	6.11	NA	NA
Industrial.....	4.79	4.50	3.98	3.98	3.98	3.96	4.13	4.32	NA	NA
Other.....	3.66	4.21	4.19	3.79	3.68	NA	NA	NA	NA	NA
All Sectors.....	5.75	5.71	5.44	5.48	5.45	5.47	5.69	5.92	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	3	12	1	23	NA	NA	NA	39
Number of Retail Customers	213,981	11,497	29	137,781	NA	NA	NA	363,288
Retail Sales (thousand megawatthours)	5,016	273	200	5,351	NA	NA	NA	10,840
Percentage of Retail Sales	46.28	2.52	1.85	49.36	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	327	14	3	297	NA	NA	NA	641
Percentage of Revenue	50.98	2.18	0.51	46.33	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	6.52	5.12	1.64	5.55	NA	NA	NA	5.92

North Dakota

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Ohio		
NERC Region(s).....		ECAR
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	33,870	8
Electric Utilities.....	25,415	3
Independent Power Producers & Combined Heat and Power.....	8,455	11
Net Generation (megawatthours).....	156,976,323	6
Electric Utilities.....	149,286,507	2
Independent Power Producers & Combined Heat and Power.....	7,689,816	31
Emissions (thousand metric tons)		
Sulfur Dioxide	1,057	1
Nitrogen Oxide	238	2
Carbon Dioxide.....	131,831	2
Sulfur Dioxide (lbs/MWh)	14.8	1
Nitrogen Oxide (lbs/MWh)	3.3	17
Carbon Dioxide (lbs/MWh).....	1,851	12
Total Retail Sales (megawatthours).....	160,176,303	4
Full Service Provider Sales (megawatthours)	133,460,651	5
Deregulated Sales (megawatthours)	26,715,652	3
Direct Use (megawatthours)	1,281,665	23
Average Retail Price (cents/kWh).....	7.08	28

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Ohio			
1. General James M Gavin	Coal	Ohio Power Co	2,600
2. J M Stuart.....	Coal	Dayton Power & Light Co	2,386
3. W H Sammis.....	Coal	FirstEnergy Generation Corp	2,233
4. Cardinal	Coal	Cardinal Operating Co	1,815
5. Conesville	Coal	Columbus Southern Power Co	1,695
6. Muskingum River.....	Coal	Ohio Power Co	1,375
7. Walter C Beckjord.....	Coal	Cincinnati Gas & Electric Co	1,304
8. W H Zimmer.....	Coal	Cincinnati Gas & Electric Co	1,300
9. Miami Fort.....	Coal	Cincinnati Gas & Electric Co	1,300
10. Hanging Rock Energy Facility	Gas	Duke Energy Hanging Rock LLC	1,288

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Ohio						
1. Ohio Power Co	Investor-Owned	28,929,494	7,679,308	5,907,667	15,342,519	0
2. Cincinnati Gas & Electric Company	Investor-Owned	18,578,202	7,407,798	6,217,664	4,952,740	0
3. Columbus Southern Power Co	Investor-Owned	17,913,429	7,350,959	7,929,615	2,632,855	0
4. Ohio Edison Co	Investor-Owned	17,519,242	6,551,385	4,406,529	6,561,328	0
5. Dayton Power & Light Co	Investor-Owned	11,568,148	5,519,913	4,513,479	1,527,902	6,854
Total Sales, Top Five Providers		94,508,515	34,509,363	28,974,954	31,017,344	6,854
Percent of Total State Sales		59	64	62	52	14

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Ohio										
Electric Utilities.....	26,996	27,365	26,302	27,081	27,885	27,694	27,684	25,415	98.8	75.0
Coal.....	23,086	23,123	21,675	21,675	21,599	21,258	21,366	21,227	84.5	62.7
Petroleum.....	1,113	797	1,031	1,381	1,000	1,017	1,008	1,008	4.1	3.0
Natural Gas.....	539	1,196	1,300	1,661	2,921	3,056	3,074	3,074	2.0	9.1
Nuclear.....	2,043	2,042	2,042	2,111	2,111	2,108	2,108	-	7.5	-
Hydroelectric.....	125	117	164	163	164	162	122	101	0.5	0.3
Other Renewables.....	90	90	90	90	90	94	7	7	0.3	*
Independent Power Producers and Combined Heat and Power	328	328	2,199	2,472	3,592	6,366	6,366	8,455	1.2	25.0
Coal.....	193	197	1,058	1,099	1,099	1,094	1,047	1,087	0.7	3.2
Petroleum.....	-	6	55	49	49	49	49	49	-	0.1
Natural Gas.....	41	20	985	1,223	2,345	5,124	5,113	5,084	0.2	15.0
Other Gases.....	63	73	82	84	81	81	100	100	0.2	0.3
Nuclear.....	-	-	-	-	-	-	-	2,108	-	6.2
Hydroelectric.....	2	3	-	-	-	-	-	-	*	-
Other Renewables.....	29	29	19	17	17	17	57	27	0.1	0.1
Total Electric Industry.....	27,324	27,693	28,501	29,553	31,477	34,060	34,050	33,870	100.0	100.0
Coal.....	23,279	23,320	22,733	22,774	22,698	22,352	22,412	22,313	85.2	65.9
Petroleum.....	1,113	803	1,085	1,430	1,049	1,066	1,057	1,057	4.1	3.1
Natural Gas.....	580	1,216	2,285	2,884	5,266	8,180	8,187	8,157	2.1	24.1
Other Gases.....	63	73	82	84	81	81	100	100	0.2	0.3
Nuclear.....	2,043	2,042	2,042	2,111	2,111	2,108	2,108	2,108	7.5	6.2
Hydroelectric.....	127	120	164	163	164	162	122	101	0.5	0.3
Other Renewables.....	119	119	109	107	107	111	65	35	0.4	0.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Ohio										
Electric Utilities.....	126,509,829	137,860,132	144,358,306	135,484,174	139,904,106	139,086,083	142,305,499	149,286,507	98.9	95.1
Coal.....	115,014,081	120,043,024	126,225,740	118,766,821	127,373,404	129,255,272	124,004,082	131,794,282	89.9	84.0
Petroleum.....	301,244	298,119	342,319	406,434	380,710	387,257	1,354,023	1,338,650	0.2	0.9
Natural Gas.....	91,191	523,480	425,821	336,372	796,761	456,255	266,954	821,830	0.1	0.5
Nuclear.....	10,663,897	16,768,050	16,781,378	15,463,762	10,864,902	8,475,016	15,950,121	14,802,733	8.3	9.4
Hydroelectric.....	172,582	227,459	583,048	510,785	488,329	510,835	729,876	515,744	0.1	0.3
Other Renewables.....	266,834	-	-	-	-	1,448	443	13,268	0.2	*
Independent Power Producers and Combined Heat and Power.....	1,470,698	1,483,770	4,701,974	6,777,633	7,164,743	7,552,045	6,040,406	7,689,816	1.1	4.9
Coal.....	818,569	586,404	3,352,804	5,446,415	5,579,661	5,513,865	4,212,989	5,080,269	0.6	3.2
Petroleum.....	73,237	31,945	12,093	10,264	8,409	22,897	34,859	51,999	0.1	*
Natural Gas.....	150,394	201,341	399,333	588,044	969,893	1,337,328	1,119,303	1,872,399	0.1	1.2
Other Gases.....	64,159	139,069	290,353	301,949	206,565	212,523	302,628	297,392	0.1	0.2
Hydroelectric.....	8,813	4,762	-	-	-	-	-	-	*	-
Other Renewables.....	355,526	520,249	647,391	430,961	151,311	439,269	370,617	385,820	0.3	0.2
Other.....	-	-	-	-	248,904	26,163	8	1,937	-	*
Total Electric Industry.....	127,980,527	139,343,902	149,060,280	142,261,807	147,068,849	146,638,128	148,345,905	156,976,323	100.0	100.0
Coal.....	115,832,650	120,629,428	129,578,544	124,213,236	132,953,065	134,769,137	128,217,071	136,874,551	90.5	87.2
Petroleum.....	374,481	330,064	354,412	416,698	389,119	410,154	1,388,882	1,390,649	0.3	0.9
Natural Gas.....	241,585	724,821	825,154	924,416	1,766,654	1,793,583	1,386,257	2,694,229	0.2	1.7
Other Gases.....	64,159	139,069	290,353	301,949	206,565	212,523	302,628	297,392	0.1	0.2
Nuclear.....	10,663,897	16,768,050	16,781,378	15,463,762	10,864,902	8,475,016	15,950,121	14,802,733	8.3	9.4
Hydroelectric.....	181,395	232,221	583,048	510,785	488,329	510,835	729,876	515,744	0.1	0.3
Other Renewables.....	622,360	520,249	647,391	430,961	151,311	440,717	371,060	399,088	0.5	0.3
Other.....	-	-	-	-	248,904	26,163	8	1,937	-	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Ohio								
Coal (cents per million Btu)	151.6	142.1	145.7	131.0	W	121.2	133.2	154.3
Average heat value (Btu per pound)	11,882	12,122	11,823	11,550	12,143	12,160	12,098	12,097
Average sulfur Content (percent)	2.4	1.9	1.9	2.1	2.0	2.1	2.3	2.2
Petroleum (cents per million Btu)	458.8	348.7	634.7	600.9	W	730.9	W	1,291.3
Average heat value (Btu per gallon)	142,917	128,733	133,586	142,143	125,426	137,810	137,986	138,193
Average sulfur Content (percent)	0.5	0.8	0.4	0.2	0.1	0.2	0.2	0.1
Natural Gas (cents per million Btu)	254.6	227.7	485.5	797.2	374.7	598.0	647.8	924.1
Average heat value (Btu per cubic foot)	1,008	1,027	1,025	1,010	1,028	1,037	1,034	1,030

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Ohio								
Sulfur Dioxide								
Coal.....	2,008	1,108	1,159	1,081	1,082	1,135	1,044	1,050
Petroleum.....	4	3	*	10	11	4	4	5
Natural Gas.....	-	*	*	*	*	*	*	*
Other.....	2	7	10	2	2	2	2	2
Total.....	2,014	1,118	1,169	1,093	1,096	1,141	1,050	1,057
Nitrogen Oxide								
Coal.....	500	474	354	309	340	326	247	234
Petroleum.....	1	1	*	4	4	2	1	1
Natural Gas.....	1	1	2	1	1	1	2	1
Other.....	2	1	2	2	2	2	2	1
Total.....	503	478	358	316	347	331	251	238
Carbon Dioxide								
Coal.....	108,326 ^R	113,590 ^R	123,037 ^R	116,704	121,296	125,944	120,669	128,847
Petroleum.....	733 ^R	787 ^R	413 ^R	424	308	410	1,416	1,372
Natural Gas.....	290 ^R	695 ^R	1,197 ^R	1,163	1,364	1,224	1,181	1,603
Other Renewables.....	9 ^R	7 ^R	-	-	-	-	14	9
Total.....	109,359 ^R	115,078 ^R	124,647 ^R	118,291	122,968	127,577	123,281	131,831

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Ohio										
Retail Sales (thousand megawatthours)										
Residential.....	37,889	44,010	46,488	47,346	50,864	49,621	50,300	53,904	26.6	33.7
Commercial.....	30,541	35,549	40,757	39,372	39,924	44,737	45,313	46,870	21.4	29.3
Industrial.....	69,682	74,473	74,019	65,099	58,472	57,828	58,558	59,354	48.9	37.1
Other.....	4,354	4,592	3,930	3,981	4,148	NA	NA	NA	3.1	NA
Transportation.....	NA	NA	NA	NA	NA	5	49	48	NA	*
All Sectors.....	142,465	158,626	165,195	155,798	153,407	152,189	154,221	160,176	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	3,049	3,784	4,002	3,963	4,193	4,100	4,251	4,586	36.3	40.5
Commercial.....	2,269	2,731	3,102	3,333	3,119	3,377	3,510	3,716	27.0	32.8
Industrial.....	2,808	3,104	3,237	2,780	2,845	2,768	2,864	3,029	33.5	26.7
Other.....	267	287	240	233	225	NA	NA	NA	3.2	NA
Transportation.....	NA	NA	NA	NA	NA	*	5	4	NA	*
All Sectors.....	8,393	9,906	10,581	10,309	10,383	10,246	10,629	11,336	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	8.05	8.60	8.61	8.37	8.24	8.26	8.45	8.51	NA	NA
Commercial.....	7.43	7.68	7.61	8.46	7.81	7.55	7.75	7.93	NA	NA
Industrial.....	4.03	4.17	4.37	4.27	4.87	4.79	4.89	5.10	NA	NA
Other.....	6.14	6.26	6.10	5.86	5.42	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	6.17	9.21	9.03	NA	NA
All Sectors.....	5.89	6.24	6.41	6.62	6.77	6.73	6.89	7.08	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	9	85	NA	25	NA	10	6	135
Number of Retail Customers	3,786,844	375,461	NA	370,663	NA	958,286	NA	5,491,254
Retail Sales (thousand megawatthours)	115,880	10,014	NA	7,567	NA	26,716	NA	160,176
Percentage of Retail Sales	72.35	6.25	NA	4.72	NA	16.68	NA	100.00
Revenue from Retail Sales (million dollars)	7,727	758	NA	567	NA	1,180	1,103	11,336
Percentage of Revenue	68.16	6.69	NA	5.00	NA	10.41	9.73	100.00
Average Retail Price (cents/kWh)	6.67	7.57	NA	7.50	NA	4.42	4.13	7.08

Ohio

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Oklahoma		
NERC Region(s).....		SPP
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	19,773	21
Electric Utilities.....	13,621	18
Independent Power Producers & Combined Heat and Power.....	6,153	18
Net Generation (megawatthours).....	68,607,827	22
Electric Utilities.....	54,250,814	19
Independent Power Producers & Combined Heat and Power.....	14,357,014	21
Emissions (thousand metric tons)		
Sulfur Dioxide	106	24
Nitrogen Oxide	84	18
Carbon Dioxide.....	51,451	19
Sulfur Dioxide (lbs/MWh)	3.4	32
Nitrogen Oxide (lbs/MWh)	2.7	22
Carbon Dioxide (lbs/MWh).....	1,653	17
Total Retail Sales (megawatthours).....	53,707,102	26
Full Service Provider Sales (megawatthours)	53,707,102	24
Direct Use (megawatthours)	503,553	33
Average Retail Price (cents/kWh).....	6.85	30

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Oklahoma			
1. Muskogee.....	Coal	Oklahoma Gas & Electric Co	1,713
2. Northeastern.....	Coal	Public Service Co of Oklahoma	1,549
3. Seminole	Gas	Oklahoma Gas & Electric Co	1,542
4. Kiamichi Energy Facility	Gas	Kiowa Power Partners LLC	1,178
5. Redbud Power Plant	Gas	InterGen North America	1,144
6. Oneta Energy Center	Gas	Calpine Central L P	1,082
7. Sooner.....	Coal	Oklahoma Gas & Electric Co	1,022
8. GRDA.....	Coal	Grand River Dam Authority	1,010
9. Riverside	Gas	Public Service Co of Oklahoma	920
10. Horseshoe Lake	Gas	Oklahoma Gas & Electric Co	881

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Oklahoma						
1. Oklahoma Gas & Electric Co.....	Investor-Owned	21,794,925	7,849,104	7,957,176	5,988,645	0
2. Public Service Co of Oklahoma.....	Investor-Owned	17,782,561	6,009,425	6,030,579	5,742,557	0
3. Oklahoma Electric Coop Inc.....	Cooperative	886,085	617,620	201,855	66,610	0
4. City of Edmond.....	Public	749,403	427,155	309,368	12,880	0
5. Grand River Dam Authority.....	Public	638,268	0	2,705	635,563	0
Total Sales, Top Five Providers.....		41,851,242	14,903,304	14,501,683	12,446,255	0
Percent of Total State Sales.....		78	70	83	83	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Oklahoma										
Electric Utilities.....	12,769	12,928	13,438	13,436	13,387	13,463	13,550	13,621	94.2	68.9
Coal.....	4,850	4,831	4,856	4,856	4,896	4,941	4,949	4,964	35.8	25.1
Petroleum.....	30	30	61	60	60	62	68	68	0.2	0.3
Natural Gas.....	6,886	6,980	7,411	7,410	7,314	7,340	7,427	7,528	50.8	38.1
Hydroelectric.....	744	776	793	793	796	800	788	800	5.5	4.0
Pumped Storage.....	260	260	260	260	260	260	260	260	1.9	1.3
Independent Power Producers and Combined Heat and Power.....	788	781	767	1,505	2,845	4,776	5,847	6,153	5.8	31.1
Coal.....	434	434	434	391	391	391	391	391	3.2	2.0
Petroleum.....	-	-	-	2	2	2	2	2	-	*
Natural Gas.....	259	254	240	1,020	2,360	4,111	5,182	5,207	1.9	26.3
Other Gases.....	19	17	17	17	17	17	17	-	0.1	-
Other Renewables.....	76	76	76	75	76	255	255	553	0.6	2.8
Total Electric Industry.....	13,557	13,709	14,204	14,941	16,232	18,238	19,397	19,773	100.0	100.0
Coal.....	5,284	5,265	5,290	5,247	5,287	5,332	5,340	5,355	39.0	27.1
Petroleum.....	30	30	61	62	62	64	70	71	0.2	0.4
Natural Gas.....	7,144	7,234	7,651	8,430	9,673	11,451	12,609	12,735	52.7	64.4
Other Gases.....	19	69	74	74	78	78	75	-	0.1	-
Hydroelectric.....	744	776	793	793	796	800	788	800	5.5	4.0
Other Renewables.....	76	76	76	75	76	255	255	553	0.6	2.8
Pumped Storage.....	260	260	260	260	260	260	260	260	1.9	1.3

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Oklahoma										
Electric Utilities.....	45,063,182	47,955,288	51,403,249	50,413,729	51,218,320	49,776,514	48,298,390	54,250,814	95.7	79.1
Coal.....	25,188,557	29,714,368	32,852,645	32,164,601	33,444,114	34,200,128	31,240,478	33,604,628	53.5	49.0
Petroleum.....	49,422	77,528	46,637	146,375	10,311	111,555	21,008	13,181	0.1	*
Natural Gas.....	17,074,845	15,448,135	16,354,321	15,886,542	15,953,919	13,872,606	14,294,108	18,156,469	36.3	26.5
Hydroelectric.....	2,730,594	2,779,920	2,276,933	2,344,690	1,987,844	1,798,412	2,976,676	2,630,361	5.8	3.8
Pumped Storage.....	19,764	-64,663	-127,287	-128,479	-177,868	-206,187	-233,879	-153,825	*	-0.2
Independent Power Producers and Combined Heat and Power.....	2,015,949	4,712,079	4,168,708	4,835,721	7,965,099	10,850,342	12,431,170	14,357,013	4.3	20.9
Coal.....	466,790	3,070,694	2,805,367	2,451,167	2,520,664	2,476,198	2,561,898	2,744,805	1.0	4.0
Petroleum.....	27,525	21,157	6,283	28,800	39,560	49,655	47,189	57,152	0.1	0.1
Natural Gas.....	1,161,921	1,267,372	1,148,255	2,057,266	5,095,120	7,950,090	8,991,125	10,392,915	2.5	15.1
Other Gases.....	88,970	65,000	60,616	67,792	70,710	45,408	-	18,838	0.2	*
Other Renewables.....	270,743	287,856	148,187	230,696	239,045	321,593	822,092	1,136,990	0.6	1.7
Other.....	-	-	-	-	-	7,398	8,867	6,314	-	*
Total Electric Industry.....	47,079,131	52,667,367	55,571,957	55,249,450	59,183,419	60,626,856	60,729,560	68,607,827	100.0	100.0
Coal.....	25,655,347	32,785,062	35,658,012	34,615,768	35,964,778	36,676,326	33,802,376	36,349,433	54.5	53.0
Petroleum.....	76,947	98,685	52,920	175,175	49,871	161,210	68,197	70,333	0.2	0.1
Natural Gas.....	18,236,766	16,715,507	17,502,576	17,943,808	21,049,039	21,822,696	23,285,233	28,549,384	38.7	41.6
Other Gases.....	88,970	65,000	60,616	67,792	70,710	45,408	-	18,838	0.2	*
Hydroelectric.....	2,730,594	2,779,920	2,276,933	2,344,690	1,987,844	1,798,412	2,976,676	2,630,361	5.8	3.8
Other Renewables.....	270,743	287,856	148,187	230,696	239,045	321,593	822,092	1,136,990	0.6	1.7
Pumped Storage.....	19,764	-64,663	-127,287	-128,479	-177,868	-206,187	-233,879	-153,825	*	-0.2
Other.....	-	-	-	-	-	7,398	8,867	6,314	-	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Oklahoma								
Coal (cents per million Btu)	140.4	99.4	94.3	90.6	W	W	W	W
Average heat value (Btu per pound)	8,894	8,557	8,728	8,910	8,836	8,872	8,854	8,765
Average sulfur Content (percent)	0.5	0.4	0.3	0.3	0.4	0.4	0.4	0.4
Petroleum (cents per million Btu)	320.3	252.9	586.1	633.0	483.8	548.0	609.1	1,199.4
Average heat value (Btu per gallon)	155,948	141,788	140,886	147,381	142,181	142,205	145,071	140,674
Average sulfur Content (percent)	1.1	0.3	0.1	*	0.1	0.5	0.6	0.3
Natural Gas (cents per million Btu)	300.8	226.5	441.6	448.2	344.1	542.0	594.4	802.4
Average heat value (Btu per cubic foot)	1,045	1,034	1,029	1,020	1,030	1,031	1,031	1,030

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Oklahoma								
Sulfur Dioxide								
Coal.....	99	113	94	100	105	107	99	102
Petroleum.....	1	*	1	1	1	1	2	2
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	2	2	2	2	3	3	3	3
Total.....	103	115	98	103	109	111	103	106
Nitrogen Oxide								
Coal.....	145	153	72	57	61	65	60	64
Petroleum.....	*	*	*	*	*	1	*	*
Natural Gas.....	23	20	24	27	24	19	16	19
Other.....	1	1	1	1	1	1	1	1
Total.....	168	175	98	86	86	86	77	84
Carbon Dioxide								
Coal.....	25,945 ^R	32,919 ^R	35,879 ^R	35,688	36,835	36,928	34,918	37,292
Petroleum.....	148 ^R	145 ^R	80 ^R	237	164	265	237	240
Natural Gas.....	10,163 ^R	9,507 ^R	10,285 ^R	10,104	11,193	11,357	11,705	13,805
Other Renewables.....	1 ^R	1 ^R	2 ^R	-	-	-	127	114
Total.....	36,257 ^R	42,573 ^R	46,245 ^R	46,030	48,192	48,549	46,987	51,451

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Oklahoma										
Retail Sales (thousand megawatthours)										
Residential.....	17,077	16,319	19,640	19,796	19,927	20,162	19,699	21,309	40.2	39.7
Commercial.....	11,634	11,115	13,115	13,552	13,097	16,958	17,020	17,477	27.4	32.5
Industrial.....	11,764	11,714	13,935	13,356	12,898	13,308	14,223	14,920	27.7	27.8
Other.....	2,029	2,244	2,874	2,963	3,564	NA	NA	NA	4.8	NA
All Sectors.....	42,504	41,392	49,564	49,667	49,485	50,428	50,942	53,707	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	1,124	1,113	1,380	1,439	1,341	1,507	1,520	1,695	48.3	46.1
Commercial.....	668	642	805	861	753	1,083	1,116	1,223	28.7	33.2
Industrial.....	427	440	570	573	491	611	677	762	18.4	20.7
Other.....	108	111	157	160	180	NA	NA	NA	4.6	NA
All Sectors.....	2,328	2,306	2,912	3,032	2,765	3,201	3,313	3,680	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	6.58	6.82	7.03	7.27	6.73	7.47	7.72	7.95	NA	NA
Commercial.....	5.74	5.78	6.14	6.35	5.75	6.38	6.55	7.00	NA	NA
Industrial.....	3.63	3.75	4.09	4.29	3.81	4.59	4.76	5.11	NA	NA
Other.....	5.33	4.93	5.46	5.39	5.06	NA	NA	NA	NA	NA
All Sectors.....	5.48	5.57	5.88	6.10	5.59	6.35	6.50	6.85	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	4	62	1	31	1	NA	NA	99
Number of Retail Customers	1,204,901	192,671	1	452,140	73	NA	NA	1,849,786
Retail Sales (thousand megawatthours)	40,004	4,663	9	8,895	136	NA	NA	53,707
Percentage of Retail Sales	74.49	8.68	0.02	16.56	0.25	NA	NA	100.00
Revenue from Retail Sales (million dollars)	2,639	324	1	708	9	NA	NA	3,680
Percentage of Revenue	71.71	8.80	0.02	19.24	0.23	NA	NA	100.00
Average Retail Price (cents/kWh)	6.60	6.94	6.66	7.96	6.29	NA	NA	6.85

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Oregon		
NERC Region(s).....		WECC
Primary Energy Source.....		Hydroelectric
Net Summer Capability (megawatts).....	12,198	29
Electric Utilities.....	9,579	26
Independent Power Producers & Combined Heat and Power.....	2,620	33
Net Generation (megawatthours).....	49,325,002	28
Electric Utilities.....	37,407,039	28
Independent Power Producers & Combined Heat and Power.....	11,917,964	25
Emissions (thousand metric tons)		
Sulfur Dioxide	14	43
Nitrogen Oxide	14	42
Carbon Dioxide.....	8,966	42
Sulfur Dioxide (lbs/MWh)	0.6	46
Nitrogen Oxide (lbs/MWh)	0.6	48
Carbon Dioxide (lbs/MWh).....	401	48
Total Retail Sales (megawatthours)	46,419,245	28
Full Service Provider Sales (megawatthours)	44,864,641	29
Deregulated Sales (megawatthours)	1,554,604	14
Direct Use (megawatthours)	1,190,391	24
Average Retail Price (cents/kWh).....	6.34	39

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Oregon			
1. John Day	Hydroelectric	USCE-North Pacific Division	2,160
2. The Dalles.....	Hydroelectric	USCE-North Pacific Division	1,823
3. Bonneville.....	Hydroelectric	USCE-North Pacific Division	1,093
4. McNary	Hydroelectric	USCE-North Pacific Division	991
5. Hermiston Power Partnership.....	Gas	Hermiston Power Partnership	615
6. Boardman.....	Coal	Portland General Electric Co	585
7. Beaver.....	Gas	Portland General Electric Co	495
8. Klamath Cogeneration Plant.....	Gas	Pacific Klamath Energy Inc	470
9. Hermiston Generating Plant	Gas	Hermiston Generating Co LP	464
10. Hells Canyon	Hydroelectric	Idaho Power Co	381

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Oregon						
1. Portland General Electric Company.....	Investor-Owned	17,540,047	7,322,964	6,994,492	3,217,089	5,502
2. PacifiCorp.....	Investor-Owned	13,206,589	5,374,487	4,652,791	3,167,858	11,453
3. Eugene City of.....	Public	2,663,174	960,623	924,127	778,424	0
4. Central Lincoln People's Ut Dt.....	Public	1,292,369	414,445	200,044	677,880	0
5. Sempra Energy Solutions.....	Other Provider	1,152,188	0	1,152,188	0	0
Total Sales, Top Five Providers.....		35,854,367	14,072,519	13,923,642	7,841,251	16,955
Percent of Total State Sales.....		77	77	91	62	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Oregon										
Electric Utilities.....	11,236	10,446	10,337	10,354	10,348	10,338	9,555	9,579	97.4	78.5
Coal.....	530	508	557	557	557	556	556	585	4.6	4.8
Petroleum.....	6	-	-	-	-	-	-	-	0.1	-
Natural Gas.....	596	870	706	729	753	725	725	723	5.2	5.9
Nuclear.....	1,104	-	-	-	-	-	-	-	9.6	-
Hydroelectric.....	8,988	9,031	9,045	9,063	9,033	9,020	8,239	8,245	77.9	67.6
Other Renewables.....	11	38	29	6	6	37	35	25	0.1	0.2
Independent Power Producers and Combined Heat and Power.....	305	352	938	1,415	2,137	2,545	2,538	2,620	2.6	21.5
Coal.....	13	13	13	10	10	10	10	-	0.1	-
Petroleum.....	7	-	-	-	-	-	-	-	0.1	-
Natural Gas.....	1	72	624	1,021	1,720	2,053	2,047	2,047	*	16.8
Hydroelectric.....	93	109	96	55	55	92	91	91	0.8	0.7
Other Renewables.....	189	158	206	329	352	390	390	482	1.6	4.0
Total Electric Industry.....	11,540	10,798	11,275	11,769	12,485	12,883	12,093	12,198	100.0	100.0
Coal.....	543	521	570	567	567	566	566	585	4.7	4.8
Petroleum.....	13	-	-	-	-	-	-	-	0.1	-
Natural Gas.....	597	942	1,330	1,750	2,472	2,778	2,771	2,770	5.2	22.7
Nuclear.....	1,104	-	-	-	-	-	-	-	9.6	-
Hydroelectric.....	9,082	9,140	9,142	9,118	9,089	9,112	8,330	8,336	78.7	68.3
Other Renewables.....	201	196	234	335	357	427	426	508	1.7	4.2

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Oregon										
Electric Utilities.....	49,171,999	44,031,261	46,059,938	38,059,649	39,731,986	38,577,937	39,092,958	37,407,039	97.6	75.8
Coal.....	1,297,978	1,527,874	3,785,462	4,423,843	3,768,531	4,285,697	3,535,764	3,463,644	2.6	7.0
Petroleum.....	26,809	4,346	52,038	92,767	5,893	44,035	20,305	47,427	0.1	0.1
Natural Gas.....	811,262	2,084,035	4,440,363	5,183,521	1,799,217	1,232,518	2,605,531	3,097,591	1.6	6.3
Nuclear.....	6,073,796	-	-	-	-	-	-	-	12.1	-
Hydroelectric.....	40,961,577	40,415,006	37,782,075	28,359,518	34,158,327	32,980,206	32,896,035	30,765,882	81.3	62.4
Other Renewables.....	577	-	-	-	18	35,481	35,323	32,495	*	0.1
Independent Power Producers and Combined Heat and Power.....	1,200,237	1,234,292	5,730,037	6,992,257	7,367,382	10,388,202	12,288,320	11,917,963	2.4	24.2
Coal.....	19,366	24,617	17,298	21,210	11,153	19,151	19,897	3,067	*	*
Petroleum.....	968	681	16,174	9,456	811	61	42,633	30,765	*	0.1
Natural Gas.....	8,066	269,440	4,659,654	5,799,444	6,013,676	9,011,178	10,875,015	10,052,064	*	20.4
Hydroelectric.....	278,790	349,459	333,555	285,034	254,840	270,126	184,784	182,463	0.6	0.4
Other Renewables.....	893,047	590,095	703,356	839,528	1,048,773	1,047,116	1,124,412	1,609,128	1.8	3.3
Other.....	-	-	-	37,585	38,129	40,569	41,578	40,477	-	0.1
Total Electric Industry.....	50,372,236	45,265,553	51,789,975	45,051,906	47,099,368	48,966,139	51,381,278	49,325,002	100.0	100.0
Coal.....	1,317,344	1,552,491	3,802,760	4,445,053	3,779,684	4,304,848	3,555,661	3,466,711	2.6	7.0
Petroleum.....	27,777	5,027	68,212	102,223	6,704	44,096	62,938	78,192	0.1	0.2
Natural Gas.....	819,328	2,353,475	9,100,017	10,982,965	7,812,893	10,243,696	13,480,546	13,149,655	1.6	26.7
Nuclear.....	6,073,796	-	-	-	-	-	-	-	12.1	-
Hydroelectric.....	41,240,367	40,764,465	38,115,630	28,644,552	34,413,167	33,250,332	33,080,819	30,948,345	81.9	62.7
Other Renewables.....	893,624	590,095	703,356	839,528	1,048,791	1,082,597	1,159,735	1,641,623	1.8	3.3
Other.....	-	-	-	37,585	38,129	40,569	41,578	40,477	-	0.1

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Oregon								
Coal (cents per million Btu)	107.9	105.8	106.8	111.0	132.9	125.2	118.5	127.6
Average heat value (Btu per pound)	8,348	8,882	8,636	8,710	8,695	8,516	8,402	8,356
Average sulfur Content (percent)	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3
Petroleum (cents per million Btu)	347.3	426.7	858.6	636.2	572.3	787.5	869.8	1,216.5
Average heat value (Btu per gallon)	139,000	140,164	140,000	143,095	140,000	138,490	141,074	139,760
Average sulfur Content (percent)	0.5	0.3	0.1	0.1	0.1	0.2	0.1	0.1
Natural Gas (cents per million Btu)	-	129.8	289.6	374.9	328.4	437.0	499.8	661.7
Average heat value (Btu per cubic foot)	-	1,012	1,016	1,020	1,019	1,022	1,021	1,021

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Oregon								
Sulfur Dioxide								
Coal.....	7	7	15	16	11	12	12	11
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	2	2	2	3	3	3	3	3
Total.....	9	9	17	19	14	15	14	14
Nitrogen Oxide								
Coal.....	6	7	8	10	8	9	7	8
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	1	3	5	6	2	3	4	4
Other.....	2	1	1	2	1	2	2	2
Total.....	9	11	13	18	11	14	13	14
Carbon Dioxide								
Coal.....	1,469 ^R	1,812 ^R	3,788 ^R	4,229	3,580	4,247	3,458	3,399
Petroleum.....	29 ^R	8 ^R	77 ^R	115	9	42	71	87
Natural Gas.....	456 ^R	1,385 ^R	4,241 ^R	4,867	3,475	4,413	5,568	5,447
Other Renewables.....	73 ^R	69 ^R	68 ^R	68	67	69	67	33
Total.....	2,027 ^R	3,273 ^R	8,174 ^R	9,279	7,132	8,771	9,163	8,966

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Oregon										
Retail Sales (thousand megawatthours)										
Residential.....	15,380	16,315	18,212	17,503	17,554	17,736	18,001	18,339	35.8	39.5
Commercial.....	11,319	12,900	15,289	14,816	14,902	15,483	15,667	15,380	26.3	33.1
Industrial.....	15,498	15,839	16,353	13,084	12,296	11,961	11,954	12,684	36.1	27.3
Other.....	780	672	476	481	503	NA	NA	NA	1.8	NA
Transportation.....	NA	NA	NA	NA	NA	15	16	17	NA	*
All Sectors.....	42,977	45,725	50,330	45,885	45,255	45,195	45,636	46,419	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	727	895	1,071	1,100	1,249	1,252	1,293	1,330	40.5	45.2
Commercial.....	543	653	774	808	982	988	1,010	1,001	30.2	34.0
Industrial.....	490	550	582	551	581	554	529	613	27.2	20.8
Other.....	37	37	34	35	48	NA	NA	NA	2.1	NA
Transportation.....	NA	NA	NA	NA	NA	1	1	1	NA	*
All Sectors.....	1,797	2,135	2,460	2,494	2,859	2,795	2,833	2,945	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	4.73	5.49	5.88	6.29	7.12	7.06	7.18	7.25	NA	NA
Commercial.....	4.79	5.06	5.06	5.45	6.59	6.38	6.45	6.51	NA	NA
Industrial.....	3.16	3.47	3.56	4.21	4.72	4.63	4.43	4.83	NA	NA
Other.....	4.77	5.49	7.10	7.33	9.44	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	6.68	6.50	6.36	NA	NA
All Sectors.....	4.18	4.67	4.89	5.44	6.32	6.18	6.21	6.34	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	3	18	1	19	NA	2	2	45
Number of Retail Customers	1,323,257	281,321	1	190,425	NA	271	NA	1,795,275
Retail Sales (thousand megawatthours)	31,423	9,064	4	4,374	NA	1,555	NA	46,419
Percentage of Retail Sales	67.69	19.53	0.01	9.42	NA	3.35	NA	100.00
Revenue from Retail Sales (million dollars)	2,035	500	*	303	NA	94	14	2,945
Percentage of Revenue	69.09	16.97	*	10.28	NA	3.18	0.48	100.00
Average Retail Price (cents/kWh)	6.48	5.51	3.39	6.92	NA	6.02	0.90	6.34

Oregon

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Pennsylvania		
NERC Region(s).....		ECAR/ERCOT/MAAC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	44,897	4
Electric Utilities.....	4,956	34
Independent Power Producers & Combined Heat and Power.....	39,941	2
Net Generation (megawatthours).....	218,091,125	3
Electric Utilities.....	33,243,828	31
Independent Power Producers & Combined Heat and Power.....	184,847,298	2
Emissions (thousand metric tons)		
Sulfur Dioxide	1,019	2
Nitrogen Oxide	186	5
Carbon Dioxide.....	126,713	4
Sulfur Dioxide (lbs/MWh)	10.3	6
Nitrogen Oxide (lbs/MWh)	1.9	33
Carbon Dioxide (lbs/MWh).....	1,281	33
Total Retail Sales (megawatthours).....	148,272,940	6
Full Service Provider Sales (megawatthours)	137,220,957	4
Deregulated Sales (megawatthours)	11,051,983	10
Direct Use (megawatthours)	3,268,349	12
Average Retail Price (cents/kWh).....	8.27	16

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Pennsylvania			
1. Bruce Mansfield	Coal	FirstEnergy Generation Corp	2,360
2. PPL Susquehanna	Nuclear	PPL Susquehanna LLC	2,275
3. Limerick.....	Nuclear	Exelon Generation Co LLC	2,268
4. Peach Bottom.....	Nuclear	Exelon Generation Co LLC	2,224
5. PPL Martins Creek	Petroleum	PPL Martins Creek LLC	2,027
6. Homer City Station.....	Coal	Midwest Generations EME LLC	1,884
7. Keystone	Coal	Reliant Energy Mid-Atlantic PH	1,712
7. Conemaugh.....	Coal	Reliant Energy Mid-Atlantic PH	1,712
9. Beaver Valley.....	Nuclear	FirstEnergy Nuclear Operating Company	1,642
10. Hatfields Ferry Power Station	Coal	Allegheny Energy Supply Co LLC	1,590

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. PPL Electric Utilities Corp.....	Investor-Owned	36,888,706	14,225,944	12,965,576	9,626,296	70,890
2. PECO Energy Co.....	Investor-Owned	36,629,012	13,134,981	7,445,559	15,270,101	778,371
3. West Penn Power Co.....	Investor-Owned	20,063,078	7,082,432	4,928,528	8,039,986	12,132
4. Metropolitan Edison Co.....	Investor-Owned	13,525,461	5,387,703	4,489,944	3,647,814	0
5. Pennsylvania Electric Co.....	Investor-Owned	13,229,239	4,418,943	4,999,319	3,810,977	0
Total Sales, Top Five Providers.....		120,335,496	44,250,003	34,828,926	40,395,174	861,393
Percent of Total State Sales.....		81	82	76	84	98

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	33,440	33,699	13,394	4,978	4,887	4,921	4,968	4,956	94.8	11.0
Coal.....	17,543	17,503	3,133	2,407	2,360	2,360	2,407	2,405	49.7	5.4
Petroleum.....	4,070	4,018	1,999	3	3	-	-	-	11.5	-
Natural Gas.....	1,203	1,289	315	48	4	30	30	30	3.4	0.1
Nuclear.....	8,747	8,956	6,090	1,641	1,641	1,652	1,652	1,642	24.8	3.7
Hydroelectric.....	647	647	444	444	444	444	444	444	1.8	1.0
Pumped Storage.....	1,230	1,285	1,412	435	435	435	435	435	3.5	1.0
Independent Power Producers and Combined Heat and Power.....	1,850	2,715	23,455	32,699	34,896	37,448	40,168	39,941	5.2	89.0
Coal.....	926	1,564	15,617	16,171	16,024	15,777	16,255	16,254	2.6	36.2
Petroleum.....	74	75	2,942	4,807	3,368	5,030	4,918	4,604	0.2	10.3
Natural Gas.....	487	448	1,140	2,466	6,218	7,053	9,354	9,371	1.4	20.9
Other Gases.....	161	257	119	106	105	110	110	110	0.5	0.2
Nuclear.....	-	-	2,970	7,489	7,486	7,523	7,577	7,553	-	16.8
Hydroelectric.....	85	85	255	292	307	307	307	303	0.2	0.7
Other Renewables.....	114	285	394	458	477	575	578	675	0.3	1.5
Pumped Storage.....	-	-	-	910	910	1,072	1,070	1,070	-	2.4
Other.....	2	2	17	-	-	-	-	-	*	-
Total Electric Industry.....	35,290	36,413	36,848	37,678	39,783	42,368	45,136	44,897	100.0	100.0
Coal.....	18,469	19,067	18,750	18,578	18,384	18,137	18,662	18,659	52.3	41.6
Petroleum.....	4,143	4,093	4,941	4,811	3,372	5,030	4,918	4,604	11.7	10.3
Natural Gas.....	1,690	1,737	1,455	2,515	6,223	7,083	9,384	9,400	4.8	20.9
Other Gases.....	161	257	119	106	105	110	110	110	0.5	0.2
Nuclear.....	8,747	8,956	9,060	9,130	9,127	9,175	9,229	9,195	24.8	20.5
Hydroelectric.....	732	732	700	736	751	751	751	748	2.1	1.7
Other Renewables.....	114	285	394	458	477	575	578	675	0.3	1.5
Pumped Storage.....	1,230	1,285	1,412	1,345	1,345	1,507	1,505	1,505	3.5	3.4
Other.....	2	2	17	-	-	-	-	-	*	-

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Pennsylvania										
Electric Utilities.....	165,682,846	168,941,707	97,075,771	27,633,966	30,537,243	30,099,444	33,900,004	33,243,828	94.3	15.2
Coal.....	101,996,271	96,799,645	36,704,124	13,863,092	15,935,860	15,944,113	18,396,944	18,318,653	58.1	8.4
Petroleum.....	4,013,814	3,072,153	1,656,505	21,609	39,420	34,944	32,129	32,969	2.3	*
Natural Gas.....	182,957	2,164,830	231,095	1,138	1,934	2,857	25,316	34,394	0.1	*
Nuclear.....	57,787,051	66,461,535	57,267,756	13,179,236	13,594,705	12,619,098	13,993,379	13,970,312	32.9	6.4
Hydroelectric.....	2,582,002	1,683,697	1,626,887	776,727	1,166,959	1,745,193	1,666,727	1,134,051	1.5	0.5
Pumped Storage.....	-879,249	-1,240,153	-410,596	-207,836	-201,635	-246,761	-214,491	-246,551	-0.5	-0.1
Independent Power Producers and Combined Heat and Power.....	9,940,465	16,509,604	104,612,209	168,942,625	173,785,635	176,250,070	180,758,496	184,847,297	5.7	84.8
Coal.....	4,680,884	9,535,002	79,508,437	98,037,356	97,970,580	100,065,761	98,783,678	102,619,753	2.7	47.1
Petroleum.....	640,708	575,446	2,091,650	3,540,978	2,693,525	4,500,393	4,090,785	4,932,418	0.4	2.3
Natural Gas.....	2,650,925	2,761,353	2,467,977	3,035,159	6,713,603	5,515,680	9,803,647	10,771,248	1.5	4.9
Other Gases.....	841,604	781,665	597,995	613,137	568,725	508,176	581,246	511,038	0.5	0.2
Nuclear.....	-	-	16,503,591	60,551,561	62,494,225	61,741,764	63,465,253	62,319,120	-	28.6
Hydroelectric.....	287,190	346,510	663,345	873,277	1,043,604	1,601,074	1,488,611	1,098,128	0.2	0.5
Other Renewables.....	838,422	2,464,348	2,730,463	1,896,196	2,062,494	2,097,618	2,276,584	2,329,467	0.5	1.1
Pumped Storage.....	-	-	-	-407,614	-456,119	-492,233	-471,393	-464,490	-	-0.2
Other.....	732	45,280	48,751	802,575	694,998	711,838	740,086	730,616	*	0.3
Total Electric Industry.....	175,623,311	185,451,311	201,687,980	196,576,591	204,322,878	206,349,514	214,658,500	218,091,125	100.0	100.0
Coal.....	106,677,155	106,334,647	116,212,561	111,900,448	113,906,440	116,009,874	117,180,622	120,938,406	60.7	55.5
Petroleum.....	4,654,522	3,647,599	3,748,155	3,562,587	2,732,945	4,535,337	4,122,914	4,965,387	2.7	2.3
Natural Gas.....	2,833,882	4,926,183	2,699,072	3,036,297	6,715,537	5,518,537	9,828,963	10,805,642	1.6	5.0
Other Gases.....	841,604	781,665	597,995	613,137	568,725	508,176	581,246	511,038	0.5	0.2
Nuclear.....	57,787,051	66,461,535	73,771,347	73,730,797	76,088,930	74,360,862	77,458,632	76,289,432	32.9	35.0
Hydroelectric.....	2,869,192	2,030,207	2,290,232	1,650,004	2,210,563	3,346,267	3,155,338	2,232,179	1.6	1.0
Other Renewables.....	838,422	2,464,348	2,730,463	1,896,196	2,062,494	2,097,618	2,276,584	2,329,467	0.5	1.1
Pumped Storage.....	-879,249	-1,240,153	-410,596	-615,450	-657,754	-738,994	-685,884	-711,041	-0.5	-0.3
Other.....	732	45,280	48,751	802,575	694,998	711,838	740,086	730,616	*	0.3

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Pennsylvania								
Coal (cents per million Btu)	152.2	135.9	114.9	120.6	125.3	122.1	137.2	159.1
Average heat value (Btu per pound)	12,241	12,315	12,670	11,240	12,111	11,733	11,615	11,741
Average sulfur Content (percent)	2.2	2.1	2.3	2.1	2.0	2.0	2.0	1.9
Petroleum (cents per million Btu)	321.8	224.0	291.6	372.9	463.9	466.9	451.3	746.1
Average heat value (Btu per gallon)	140,462	128,574	125,114	146,429	145,976	144,660	144,343	146,174
Average sulfur Content (percent)	1.3	2.0	2.2	0.5	0.5	1.4	1.4	1.1
Natural Gas (cents per million Btu)	294.9	198.1	370.7	851.4	389.9	624.7	723.2	990.5
Average heat value (Btu per cubic foot)	1,032	1,030	1,033	1,020	1,036	1,038	1,033	1,033

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Pennsylvania								
Sulfur Dioxide								
Coal.....	1,169	1,051	842	945	861	888	904	994
Petroleum.....	68	50	13	32	15	18	21	20
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	2	3	*	3	4	3	3	4
Total.....	1,240	1,104	856	980	880	910	929	1,019
Nitrogen Oxide								
Coal.....	435	325	202	200	203	161	160	161
Petroleum.....	12	8	4	14	6	7	9	10
Natural Gas.....	5	6	3	5	6	5	4	4
Other.....	2	5	4	11	9	8	9	11
Total.....	453	344	213	230	224	182	182	186
Carbon Dioxide								
Coal.....	100,030 ^R	102,040 ^R	115,183 ^R	105,098	110,970	110,392	111,398	115,163
Petroleum.....	6,178 ^R	4,399 ^R	4,311 ^R	3,634	2,956	4,442	4,117	5,194
Natural Gas.....	1,886 ^R	3,004 ^R	2,129 ^R	2,018	3,572	3,026	4,964	5,183
Other Renewables.....	183 ^R	1,102 ^R	1,242 ^R	1,296	1,162	1,212	1,178	1,172
Total.....	108,277 ^R	110,546 ^R	122,865 ^R	112,046	118,660	119,072	121,657	126,713

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Pennsylvania										
Retail Sales (thousand megawatthours)										
Residential.....	38,164	42,802	45,008	46,030	48,730	49,651	50,663	53,661	33.3	36.2
Commercial.....	29,159	34,544	42,002	40,553	42,632	43,218	44,355	45,782	25.4	30.9
Industrial.....	45,992	47,528	45,449	47,383	47,090	46,773	47,659	47,950	40.1	32.3
Other.....	1,435	1,377	1,387	1,306	1,368	NA	NA	NA	1.3	NA
Transportation.....	NA	NA	NA	NA	NA	727	823	880	NA	0.6
All Sectors.....	114,751	126,251	133,845	135,272	139,820	140,369	143,501	148,273	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	3,519	4,161	4,291	4,454	4,747	4,760	4,853	5,289	40.1	43.1
Commercial.....	2,360	2,877	3,238	3,497	3,623	3,724	3,774	3,890	26.9	31.7
Industrial.....	2,748	2,813	2,559	2,731	2,747	2,715	2,799	3,018	31.3	24.6
Other.....	155	155	149	150	159	NA	NA	NA	1.8	NA
Transportation.....	NA	NA	NA	NA	NA	57	60	64	NA	0.5
All Sectors.....	8,782	10,006	10,237	10,832	11,276	11,256	11,486	12,261	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	9.22	9.72	9.53	9.68	9.74	9.59	9.58	9.86	NA	NA
Commercial.....	8.09	8.33	7.71	8.62	8.50	8.62	8.51	8.50	NA	NA
Industrial.....	5.97	5.92	5.63	5.76	5.83	5.80	5.87	6.29	NA	NA
Other.....	10.80	11.29	10.71	11.46	11.59	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	7.78	7.32	7.22	NA	NA
All Sectors.....	7.65	7.93	7.65	8.01	8.06	8.02	8.00	8.27	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	11	35	NA	13	NA	16	8	83
Number of Retail Customers	5,335,789	83,203	NA	211,721	NA	208,072	NA	5,838,785
Retail Sales (thousand megawatthours)	133,218	1,491	NA	2,512	NA	11,052	NA	148,273
Percentage of Retail Sales	89.85	1.01	NA	1.69	NA	7.45	NA	100.00
Revenue from Retail Sales (million dollars)	10,983	132	NA	259	NA	668	219	12,261
Percentage of Revenue	89.57	1.08	NA	2.12	NA	5.44	1.79	100.00
Average Retail Price (cents/kWh)	8.24	8.86	NA	10.33	NA	6.04	1.99	8.27

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.

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.

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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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Rhode Island		
NERC Region(s).....		NPCC
Primary Energy Source.....		Gas
Net Summer Capability (megawatts).....	1,748	49
Electric Utilities.....	6	50
Independent Power Producers & Combined Heat and Power.....	1,742	35
Net Generation (megawatthours).....	6,053,294	49
Electric Utilities.....	10,805	49
Independent Power Producers & Combined Heat and Power.....	6,042,489	35
Emissions (thousand metric tons)		
Sulfur Dioxide	1	50
Nitrogen Oxide	2	49
Carbon Dioxide.....	2,602	48
Sulfur Dioxide (lbs/MWh)	0.2	50
Nitrogen Oxide (lbs/MWh)	0.8	46
Carbon Dioxide (lbs/MWh).....	948	40
Total Retail Sales (megawatthours)	8,049,112	49
Full Service Provider Sales (megawatthours)	7,160,386	47
Deregulated Sales (megawatthours)	888,726	16
Direct Use (megawatthours)	69,478	47
Average Retail Price (cents/kWh).....	11.97	6

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Rhode Island			
1. Rhode Island State Energy Partners	Gas	FPL Energy Operating Serv Inc	515
2. Manchester Street	Gas	Dominion Energy New England, LLC	426
3. Tiverton Power Plant.....	Gas	Calpine Eastern Corp	250
4. Ocean State Power.....	Gas	Ocean State Power Co	219
4. Ocean State Power II	Gas	Ocean State Power II	219
6. Pawtucket Power Associates	Gas	Pawtucket Power Associates LP	63
8. Central Power Plant.....	Gas	State of Rhode Island	10
9. Rhode Island Hospital	Petroleum	Rhode Island Hospital	9
10. Block Island.....	Petroleum	Block Island Power Co	5

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Narragansett Electric Co.....	Investor-Owned	7,115,094	3,135,306	3,042,846	936,942	0
2. Constellation NewEnergy, Inc.....	Other Provider	646,006	0	646,006	0	0
3. Select Energy.....	Other Provider	94,041	0	44,771	49,270	0
4. Calpine Power America LP.....	Other Provider	81,469	-	-	81,469	-
5. TransCanada Power Mktg Ltd.....	Other Provider	67,210	0	0	67,210	0
Total Sales, Top Five Providers.....		8,003,820	3,135,306	3,733,623	1,134,891	0
Percent of Total State Sales.....		99	99	100	99	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	263	442	6	7	9	9	9	6	46.8	0.4
Petroleum.....	29	20	5	6	7	7	7	5	5.2	0.3
Natural Gas.....	233	420	-	-	-	-	-	-	41.4	-
Hydroelectric.....	1	1	1	1	1	1	1	1	0.3	0.1
Independent Power Producers and Combined Heat and Power.....	300	538	1,187	1,214	1,715	1,726	1,734	1,742	53.2	99.6
Petroleum.....	-	3	20	7	10	10	24	24	-	1.4
Natural Gas.....	284	519	1,150	1,189	1,687	1,698	1,692	1,691	50.4	96.7
Hydroelectric.....	3	3	3	3	3	3	3	3	0.5	0.2
Other Renewables.....	13	13	15	15	15	15	15	24	2.4	1.4
Total Electric Industry.....	563	980	1,193	1,221	1,723	1,734	1,743	1,748	100.0	100.0
Petroleum.....	29	23	24	13	17	17	31	29	5.2	1.7
Natural Gas.....	516	939	1,150	1,189	1,687	1,698	1,692	1,691	91.8	96.7
Hydroelectric.....	4	4	4	4	4	4	4	4	0.7	0.2
Other Renewables.....	13	13	15	15	15	15	15	24	2.4	1.4

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Rhode Island										
Electric Utilities.....	591,756	653,076	10,823	-	11,836	11,771	12,402	10,805	53.4	0.2
Petroleum.....	158,154	50,334	10,823	-	11,836	11,771	12,402	10,805	14.3	0.2
Natural Gas.....	433,602	602,742	-	-	-	-	-	-	39.2	-
Independent Power Producers and Combined Heat and Power.....	515,560	3,835,137	5,960,722	7,501,892	7,044,929	5,609,373	4,927,018	6,042,489	46.6	99.8
Petroleum.....	27,517	26,739	48,802	70,003	45,697	46,588	36,343	45,009	2.5	0.7
Natural Gas.....	443,341	3,719,500	5,791,814	7,325,130	6,310,417	5,454,996	4,783,687	5,990,746	40.0	99.0
Hydroelectric.....	9,946	9,169	4,867	3,143	3,685	6,021	5,461	6,734	0.9	0.1
Other Renewables.....	34,756	79,729	115,239	103,616	97,752	101,768	101,526	-	3.1	-
Other.....	-	-	-	-	587,378	-	-	-	-	-
Total Electric Industry.....	1,107,316	4,488,213	5,971,545	7,501,892	7,056,765	5,621,144	4,939,420	6,053,294	100.0	100.0
Petroleum.....	185,671	77,073	59,625	70,003	57,533	58,359	48,745	55,814	16.8	0.9
Natural Gas.....	876,943	4,322,242	5,791,814	7,325,130	6,310,417	5,454,996	4,783,687	5,990,746	79.2	99.0
Hydroelectric.....	9,946	9,169	4,867	3,143	3,685	6,021	5,461	6,734	0.9	0.1
Other Renewables.....	34,756	79,729	115,239	103,616	97,752	101,768	101,526	-	3.1	-
Other.....	-	-	-	-	587,378	-	-	-	-	-

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Rhode Island								
Petroleum (cents per million Btu)	358.9	412.5	-	-	-	W	W	W
Average heat value (Btu per gallon)	152,445	139,562	-	-	-	140,564	140,562	135,160
Average sulfur Content (percent)	0.9	*	-	-	-	0.1	0.1	*
Natural Gas (cents per million Btu)	216.9	184.9	-	-	455.4	650.3	679.9	951.3
Average heat value (Btu per cubic foot)	1,033	1,028	-	-	1,032	1,033	1,036	1,018

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Rhode Island								
Sulfur Dioxide								
Petroleum	2	1	1	1	1	1	1	1
Natural Gas	*	*	*	*	*	*	*	*
Other	-	-	-	*	*	*	*	*
Total	2	1	1	1	1	1	1	1
Nitrogen Oxide								
Petroleum	*	*	*	*	*	*	*	*
Natural Gas	1	4	1	1	1	*	*	*
Other	*	*	1	1	1	1	1	1
Total	2	5	2	2	2	2	2	2
Carbon Dioxide								
Petroleum	186 ^R	146 ^R	197 ^R	234	165	128	165	193
Natural Gas	409 ^R	2,021 ^R	2,667 ^R	3,194	2,917	2,272	1,942	2,409
Total	595 ^R	2,167 ^R	2,864 ^R	3,428	3,082	2,400	2,106	2,602

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Rhode Island										
Retail Sales (thousand megawatthours)										
Residential	2,376	2,472	2,664	2,699	2,829	2,998	3,000	3,171	37.0	39.4
Commercial	2,492	2,625	3,166	3,240	3,316	3,490	3,542	3,628	38.8	45.1
Industrial	1,354	1,374	1,394	1,386	1,331	1,309	1,345	1,250	21.1	15.5
Other	196	165	78	68	85	NA	NA	NA	3.1	NA
All Sectors	6,419	6,636	7,301	7,393	7,561	7,797	7,888	8,049	100.0	100.0
Retail Revenue (million dollars)										
Residential	234	283	301	327	289	348	366	413	39.8	42.9
Commercial	223	265	301	374	287	352	373	425	37.9	44.1
Industrial	113	122	122	130	106	116	126	125	19.2	13.0
Other	18	19	20	16	14	NA	NA	NA	3.0	NA
All Sectors	587	689	743	847	696	816	865	963	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential	9.84	11.47	11.28	12.13	10.20	11.61	12.19	13.04	NA	NA
Commercial	8.93	10.08	9.50	11.54	8.65	10.09	10.53	11.71	NA	NA
Industrial	8.35	8.87	8.76	9.36	7.96	8.88	9.37	10.01	NA	NA
Other	9.06	11.44	25.19	22.86	16.46	NA	NA	NA	NA	NA
All Sectors	9.15	10.38	10.18	11.45	9.20	10.47	10.96	11.97	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Rhode Island								
Number of Entities	2	1	NA	NA	NA	4	2	9
Number of Retail Customers	477,949	4,410	NA	NA	NA	382	NA	482,741
Retail Sales (thousand megawatthours)	7,108	53	NA	NA	NA	889	NA	8,049
Percentage of Retail Sales	88.30	0.65	NA	NA	NA	11.04	NA	100.00
Revenue from Retail Sales (million dollars)	862	5	NA	NA	NA	57	39	963
Percentage of Revenue	89.49	0.56	NA	NA	NA	5.91	4.04	100.00
Average Retail Price (cents/kWh)	12.12	10.32	NA	NA	NA	6.41	4.37	11.97

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
South Carolina		
NERC Region(s).....		SERC
Primary Energy Source.....		Nuclear
Net Summer Capability (megawatts).....	22,551	17
Electric Utilities.....	20,787	11
Independent Power Producers & Combined Heat and Power.....	1,765	34
Net Generation (megawatthours).....	102,514,665	13
Electric Utilities.....	99,104,373	8
Independent Power Producers & Combined Heat and Power.....	3,410,293	38
Emissions (thousand metric tons)		
Sulfur Dioxide	218	17
Nitrogen Oxide	51	32
Carbon Dioxide.....	40,867	23
Sulfur Dioxide (lbs/MWh)	4.7	21
Nitrogen Oxide (lbs/MWh)	1.1	43
Carbon Dioxide (lbs/MWh).....	879	42
Total Retail Sales (megawatthours).....	81,254,088	18
Full Service Provider Sales (megawatthours)	81,254,088	17
Direct Use (megawatthours)	1,598,662	19
Average Retail Price (cents/kWh).....	6.72	31

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
South Carolina			
1. Oconee	Nuclear	Duke Energy Corp	2,538
2. Catawba	Nuclear	Duke Energy Corp	2,258
3. Bad Creek	Pumped Storage	Duke Energy Corp	1,360
4. Cross	Coal	South Carolina Pub Serv Auth	1,160
5. Winyah.....	Coal	South Carolina Pub Serv Auth	1,155
6. V C Summer.....	Nuclear	South Carolina Electric&Gas Co	966
7. John S Rainey	Gas	South Carolina Pub Serv Auth	958
8. H B Robinson	Nuclear	Progress Energy Carolinas Inc	899
9. Broad River Energy Center	Gas	Calpine Operating Services Company Inc	845
10. Darlington County.....	Gas	Progress Energy Carolinas Inc	812

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. South Carolina Electric & Gas Co.....	Investor-Owned	21,877,039	7,633,956	7,592,047	6,651,036	0
2. Duke Energy Corporation.....	Investor-Owned	21,863,245	6,143,274	5,440,921	10,279,050	0
3. South Carolina Pub Serv Auth	Public	11,470,826	1,625,064	1,936,514	7,909,248	0
4. Progress Energy Carolinas Inc	Investor-Owned	7,282,995	2,195,966	1,843,903	3,243,126	0
5. Berkeley Electric Coop Inc	Cooperative	1,517,693	1,154,464	194,889	168,340	0
Total Sales, Top Five Providers		64,011,798	18,752,724	17,008,274	28,250,800	0
Percent of Total State Sales		79	65	83	88	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	14,908	16,701	17,716	18,246	19,101	19,402	20,406	20,787	97.5	92.2
Coal.....	4,818	5,352	6,054	6,077	5,925	5,925	5,968	5,968	31.5	26.5
Petroleum.....	274	651	957	955	955	970	684	689	1.8	3.1
Natural Gas	924	885	779	1,279	2,150	2,437	3,712	3,708	6.0	16.4
Other Gases.....	364	-	-	-	-	-	-	-	2.4	-
Nuclear.....	6,346	6,364	6,445	6,445	6,492	6,472	6,472	6,472	41.5	28.7
Hydroelectric	1,031	1,262	1,271	1,271	1,360	1,360	1,316	1,324	6.7	5.9
Other Renewables.....	-	-	-	-	-	3	3	9	-	*
Pumped Storage.....	1,152	2,187	2,211	2,219	2,219	2,235	2,251	2,616	7.5	11.6
Independent Power Producers and Combined Heat and Power	375	405	969	1,181	1,262	1,257	1,790	1,765	2.5	7.8
Coal.....	158	131	102	103	103	103	103	103	1.0	0.5
Petroleum.....	1	1	3	3	3	3	3	3	*	*
Natural Gas	5	5	607	819	901	895	1,430	1,408	*	6.2
Hydroelectric	18	18	26	24	24	24	24	24	0.1	0.1
Other Renewables.....	193	250	231	232	232	232	230	227	1.3	1.0
Total Electric Industry.....	15,283	17,106	18,685	19,427	20,363	20,659	22,196	22,551	100.0	100.0
Coal.....	4,976	5,483	6,156	6,180	6,028	6,028	6,072	6,072	32.6	26.9
Petroleum.....	275	652	960	958	958	972	686	692	1.8	3.1
Natural Gas	928	890	1,385	2,098	3,051	3,332	5,143	5,116	6.1	22.7
Other Gases.....	364	-	-	-	-	-	-	-	2.4	-
Nuclear.....	6,346	6,364	6,445	6,445	6,492	6,472	6,472	6,472	41.5	28.7
Hydroelectric	1,049	1,280	1,297	1,295	1,384	1,384	1,340	1,348	6.9	6.0
Other Renewables.....	193	250	231	232	232	235	233	236	1.3	1.0
Pumped Storage.....	1,152	2,187	2,211	2,219	2,219	2,235	2,251	2,616	7.5	11.6

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
South Carolina										
Electric Utilities.....	69,259,815	78,439,814	90,421,081	86,734,778	93,689,257	91,544,429	94,406,828	99,104,373	97.1	96.7
Coal.....	22,874,805	25,801,600	38,664,405	36,302,690	36,490,769	37,065,509	38,516,633	39,352,428	32.1	38.4
Petroleum.....	71,997	129,854	265,931	225,008	205,664	289,474	690,071	484,181	0.1	0.5
Natural Gas.....	703,435	600,385	188,038	193,612	3,466,140	1,365,534	2,527,103	4,153,040	1.0	4.1
Nuclear.....	42,880,669	49,173,476	50,887,700	49,869,998	53,325,854	50,417,690	51,200,640	53,137,554	60.1	51.8
Hydroelectric.....	3,235,298	3,392,394	1,497,013	1,179,192	1,328,524	3,590,944	2,382,225	2,858,778	4.5	2.8
Other Renewables.....	-	-	-	-	15,522	22,091	239,246	317,067	-	0.3
Pumped Storage.....	-506,389	-657,895	-1,082,006	-1,035,722	-1,143,216	-1,206,813	-1,149,090	-1,198,675	-0.7	-1.2
Independent Power Producers and Combined Heat and Power.....	2,103,359	2,473,834	2,925,159	2,424,209	2,874,241	2,228,249	3,533,101	3,410,292	2.9	3.3
Coal.....	537,062	535,590	543,971	396,314	456,953	366,514	403,291	324,368	0.8	0.3
Petroleum.....	100,578	127,586	179,226	83,097	94,673	167,397	220,007	188,622	0.1	0.2
Natural Gas.....	84,100	89,497	744,864	982,502	1,032,179	297,248	1,267,986	1,259,512	0.1	1.2
Other Gases.....	-	9,254	888	198	314	73	9	-	-	-
Hydroelectric.....	62,768	64,749	36,477	46,251	61,227	74,482	64,684	79,369	0.1	0.1
Other Renewables.....	1,318,851	1,647,158	1,419,733	894,154	1,228,895	1,273,858	1,488,665	1,468,149	1.8	1.4
Other.....	-	-	-	21,693	-	48,677	88,459	90,273	-	0.1
Total Electric Industry.....	71,363,174	80,913,648	93,346,240	89,158,987	96,563,498	93,772,678	97,939,929	102,514,665	100.0	100.0
Coal.....	23,411,867	26,337,190	39,208,376	36,699,004	36,947,722	37,432,023	38,919,924	39,676,796	32.8	38.7
Petroleum.....	172,575	257,440	445,157	308,105	300,337	456,871	910,078	672,803	0.2	0.7
Natural Gas.....	787,535	689,882	932,902	1,176,114	4,498,319	1,662,782	3,795,089	5,412,552	1.1	5.3
Other Gases.....	-	9,254	888	198	314	73	9	-	-	-
Nuclear.....	42,880,669	49,173,476	50,887,700	49,869,998	53,325,854	50,417,690	51,200,640	53,137,554	60.1	51.8
Hydroelectric.....	3,298,066	3,457,143	1,533,490	1,225,443	1,389,751	3,665,426	2,446,909	2,938,147	4.6	2.9
Other Renewables.....	1,318,851	1,647,158	1,419,733	894,154	1,244,417	1,295,949	1,727,911	1,785,216	1.8	1.7
Pumped Storage.....	-506,389	-657,895	-1,082,006	-1,035,722	-1,143,216	-1,206,813	-1,149,090	-1,198,675	-0.7	-1.2
Other.....	-	-	-	21,693	-	48,677	88,459	90,273	-	0.1

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
South Carolina								
Coal (cents per million Btu)	172.0	151.2	139.0	156.5	W	W	W	W
Average heat value (Btu per pound)	12,655	12,852	12,727	12,570	12,698	12,669	12,565	12,617
Average sulfur Content (percent)	1.2	1.2	1.1	1.2	1.2	1.1	1.2	1.2
Petroleum (cents per million Btu)	622.1	411.1	672.3	584.6	W	W	W	W
Average heat value (Btu per gallon)	138,031	138,040	138,243	143,095	145,331	144,988	138,905	143,257
Average sulfur Content (percent)	0.2	0.2	0.2	0.2	1.2	1.7	3.7	2.4
Natural Gas (cents per million Btu)	171.8	160.3	556.9	256.7	W	W	W	W
Average heat value (Btu per cubic foot)	1,023	1,024	1,028	1,030	1,034	1,031	1,035	1,033

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
South Carolina								
Sulfur Dioxide								
Coal.....	165	198	193	197	191	197	207	206
Petroleum.....	6	*	5	3	3	3	5	4
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	9	11	8	7	7	8	9	9
Total.....	181	209	206	206	201	208	221	218
Nitrogen Oxide								
Coal.....	88	94	86	78	77	72	60	47
Petroleum.....	1	1	1	1	1	1	1	1
Natural Gas.....	1	1	*	*	1	1	1	1
Other.....	3	3	2	4	4	3	3	3
Total.....	93	99	89	83	84	76	65	51
Carbon Dioxide								
Coal.....	22,533 ^R	25,200 ^R	36,729 ^R	34,395	33,993	35,033	36,930	37,313
Petroleum.....	275 ^R	332 ^R	706 ^R	423	486	656	1,066	795
Natural Gas.....	502 ^R	492 ^R	578 ^R	647	2,074	754	1,729	2,477
Other Renewables.....	90 ^R	96 ^R	104 ^R	91	-	179	249	283
Total.....	23,400 ^R	26,120 ^R	38,117 ^R	35,556	36,553	36,622	39,975	40,867

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
South Carolina										
Retail Sales (thousand megawatthours)										
Residential.....	18,258	21,392	25,270	24,875	26,787	26,422	27,910	28,676	32.8	35.3
Commercial.....	11,927	14,020	17,483	17,484	18,157	19,336	20,113	20,498	21.4	25.2
Industrial.....	24,701	28,819	33,308	31,528	31,926	31,296	31,886	32,080	44.4	39.5
Other.....	766	843	951	946	950	NA	NA	NA	1.4	NA
All Sectors.....	55,652	65,074	77,012	74,832	77,819	77,054	79,908	81,254	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	1,305	1,611	1,916	1,912	2,069	2,117	2,267	2,487	41.9	45.5
Commercial.....	734	890	1,110	1,127	1,177	1,316	1,390	1,515	23.6	27.7
Industrial.....	1,032	1,153	1,246	1,218	1,229	1,251	1,315	1,460	33.1	26.7
Other.....	42	49	60	60	61	NA	NA	NA	1.4	NA
All Sectors.....	3,113	3,703	4,332	4,317	4,537	4,684	4,972	5,462	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.15	7.53	7.58	7.69	7.72	8.01	8.12	8.67	NA	NA
Commercial.....	6.15	6.35	6.35	6.45	6.48	6.81	6.91	7.39	NA	NA
Industrial.....	4.18	4.00	3.74	3.86	3.85	4.00	4.13	4.55	NA	NA
Other.....	5.53	5.87	6.29	6.39	6.44	NA	NA	NA	NA	NA
All Sectors.....	5.59	5.69	5.62	5.77	5.83	6.08	6.22	6.72	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	4	22	NA	21	NA	NA	NA	47
Number of Retail Customers	1,286,394	319,321	NA	663,908	NA	NA	NA	2,269,623
Retail Sales (thousand megawatthours)	51,238	15,508	NA	14,508	NA	NA	NA	81,254
Percentage of Retail Sales	63.06	19.09	NA	17.86	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	3,334	942	NA	1,185	NA	NA	NA	5,462
Percentage of Revenue	61.04	17.25	NA	21.71	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	6.51	6.08	NA	8.17	NA	NA	NA	6.72

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
South Dakota		
NERC Region(s).....		MRO/WECC
Primary Energy Source.....		Hydroelectric
Net Summer Capability (megawatts).....	2,802	46
Electric Utilities.....	2,759	37
Independent Power Producers & Combined Heat and Power.....	44	50
Net Generation (megawatthours).....	6,520,769	48
Electric Utilities.....	6,368,442	40
Independent Power Producers & Combined Heat and Power.....	152,327	50
Emissions (thousand metric tons)		
Sulfur Dioxide	10	45
Nitrogen Oxide	13	44
Carbon Dioxide.....	3,300	47
Sulfur Dioxide (lbs/MWh)	3.5	31
Nitrogen Oxide (lbs/MWh)	4.5	5
Carbon Dioxide (lbs/MWh).....	1,116	38
Total Retail Sales (megawatthours).....	9,811,017	48
Full Service Provider Sales (megawatthours)	9,811,017	46
Average Retail Price (cents/kWh).....	6.60	36

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
South Dakota			
1. Oahe.....	Hydroelectric	USCE-Missouri River District	625
2. Big Bend.....	Hydroelectric	USCE-Missouri River District	520
3. Big Stone	Coal	Otter Tail Power Co	461
4. Angus Anson	Gas	Northern States Power Co	384
5. Fort Randall	Hydroelectric	USCE-Missouri River District	355
6. Ben French.....	Coal	Black Hills Corp	100
7. Spirit Mound.....	Petroleum	Basin Electric Power Coop	92
8. Huron	Gas	Northwestern Energy	55
9. Watertown Power Plant.....	Petroleum	Missouri Basin Mun Pwr Agency	51
10. South Dakota Wind Energy Cente	Other Renewables	FPL Energy South Dakota Wind LLC	41

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Northern States Power Co	Investor-Owned	1,847,285	601,331	926,668	319,286	0
2. Black Hills Power Inc.....	Investor-Owned	1,417,615	461,984	663,532	292,099	0
3. NorthWestern Energy.....	Investor-Owned	1,268,780	476,286	580,595	211,899	0
4. Sioux Valley SW Elec Coop	Cooperative	443,288	226,109	93,141	124,038	0
5. Otter Tail Power Co.....	Investor-Owned	349,684	106,387	243,297	0	0
Total Sales, Top Five Providers		5,326,652	1,872,097	2,507,233	947,322	0
Percent of Total State Sales.....		54	47	63	51	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	2,708	2,950	2,812	2,814	2,854	2,650	2,618	2,759	100.0	98.4
Coal.....	495	475	477	477	477	476	477	482	18.3	17.2
Petroleum.....	228	223	297	296	238	237	228	221	8.4	7.9
Natural Gas.....	164	431	360	360	459	385	385	553	6.0	19.7
Hydroelectric	1,821	1,820	1,678	1,678	1,678	1,549	1,526	1,500	67.2	53.5
Other Renewables.....	-	-	-	3	3	3	3	3	-	0.1
Independent Power Producers and Combined Heat and Power	-	-	-	-	-	41	41	44	-	1.6
Petroleum.....	-	-	-	-	-	-	-	3	-	0.1
Other Renewables.....	-	-	-	-	-	41	41	41	-	1.4
Total Electric Industry.....	2,708	2,950	2,812	2,814	2,854	2,690	2,659	2,802	100.0	100.0
Coal.....	495	475	477	477	477	476	477	482	18.3	17.2
Petroleum.....	228	223	297	296	238	237	228	224	8.4	8.0
Natural Gas.....	164	431	360	360	459	385	385	553	6.0	19.7
Hydroelectric	1,821	1,820	1,678	1,678	1,678	1,549	1,526	1,500	67.2	53.5
Other Renewables.....	-	-	-	3	3	43	43	43	-	1.5

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
South Dakota										
Electric Utilities.....	6,427,473	8,811,793	9,697,337	7,400,743	7,721,958	7,904,755	7,357,617	6,368,442	100.0	97.7
Coal.....	2,472,514	2,721,295	3,670,576	3,611,680	3,271,523	3,431,203	3,620,001	2,996,347	38.5	46.0
Petroleum.....	8,149	17,488	52,214	51,524	4,961	16,058	22,771	20,785	0.1	0.3
Natural Gas.....	12,408	63,139	259,039	304,803	85,778	176,024	112,255	270,946	0.2	4.2
Hydroelectric.....	3,934,402	6,009,871	5,715,508	3,431,865	4,353,653	4,276,303	3,597,509	3,074,566	61.2	47.2
Other Renewables.....	-	-	-	871	6,043	5,167	5,081	5,777	-	0.1
Other.....	-	-	-	-	-	-	-	21	-	*
Independent Power Producers and Combined Heat and Power.....	-	-	-	-	-	39,082	152,597	152,327	-	2.3
Other Renewables.....	-	-	-	-	-	39,082	152,597	152,327	-	2.3
Total Electric Industry.....	6,427,473	8,811,793	9,697,337	7,400,743	7,721,958	7,943,837	7,510,214	6,520,769	100.0	100.0
Coal.....	2,472,514	2,721,295	3,670,576	3,611,680	3,271,523	3,431,203	3,620,001	2,996,347	38.5	46.0
Petroleum.....	8,149	17,488	52,214	51,524	4,961	16,058	22,771	20,785	0.1	0.3
Natural Gas.....	12,408	63,139	259,039	304,803	85,778	176,024	112,255	270,946	0.2	4.2
Hydroelectric.....	3,934,402	6,009,871	5,715,508	3,431,865	4,353,653	4,276,303	3,597,509	3,074,566	61.2	47.2
Other Renewables.....	-	-	-	871	6,043	44,249	157,678	158,104	-	2.4
Other.....	-	-	-	-	-	-	-	21	-	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
South Dakota								
Coal (cents per million Btu)	114.6	102.9	99.3	103.3	129.5	134.3	138.5	142.4
Average heat value (Btu per pound)	6,096	6,972	8,464	8,540	8,550	8,560	8,523	8,711
Average sulfur Content (percent)	0.9	0.9	0.3	0.3	0.4	0.3	0.3	0.3
Petroleum (cents per million Btu)	565.3	-	-	-	-	803.6	822.4	1,245.1
Average heat value (Btu per gallon)	140,000	-	-	-	-	138,210	138,536	139,083
Average sulfur Content (percent)	0.3	-	-	-	-	0.2	0.2	0.2
Natural Gas (cents per million Btu)	-	157.8	-	-	-	-	-	-
Average heat value (Btu per cubic foot)	-	1,002	-	-	-	-	-	-

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
South Dakota								
Sulfur Dioxide								
Coal.....	28	25	13	13	23	11	13	10
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	-	-	*	*	-	*	-	-
Other.....	-	*	*	-	1	*	1	1
Total.....	28	25	13	13	24	12	14	10
Nitrogen Oxide								
Coal.....	9	8	17	15	24	15	16	13
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	-	*	*	-	*	*	*	*
Total.....	9	9	17	16	25	15	16	13
Carbon Dioxide								
Coal.....	2,710 ^R	2,853 ^R	3,661 ^R	3,608	3,321	3,518	3,770	3,088
Petroleum.....	14 ^R	20 ^R	57 ^R	45	8	18	24	22
Natural Gas.....	13 ^R	49 ^R	195 ^R	244	66	115	87	190
Other Renewables.....	-	-	-	-	-	-	-	*
Total.....	2,736 ^R	2,922 ^R	3,914 ^R	3,898	3,394	3,651	3,881	3,300

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
South Dakota										
Retail Sales (thousand megawatthours)										
Residential.....	2,866	3,268	3,423	3,580	3,733	3,740	3,696	3,973	45.3	40.5
Commercial.....	1,450	2,088	2,422	2,915	3,062	3,713	3,627	3,998	22.9	40.8
Industrial.....	1,657	1,722	2,003	1,666	1,604	1,627	1,891	1,840	26.2	18.7
Other.....	361	335	435	465	538	NA	NA	NA	5.7	NA
All Sectors.....	6,334	7,414	8,283	8,627	8,937	9,080	9,214	9,811	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	199	231	254	266	276	280	283	309	51.3	47.7
Commercial.....	97	137	161	191	191	224	224	248	25.0	38.3
Industrial.....	77	76	90	74	73	73	87	91	19.9	14.1
Other.....	15	15	19	17	20	NA	NA	NA	3.8	NA
All Sectors.....	388	460	523	548	560	577	594	648	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	6.95	7.08	7.42	7.42	7.40	7.47	7.65	7.77	NA	NA
Commercial.....	6.68	6.55	6.64	6.55	6.24	6.04	6.18	6.20	NA	NA
Industrial.....	4.66	4.43	4.49	4.46	4.54	4.51	4.59	4.95	NA	NA
Other.....	4.11	4.58	4.30	3.71	3.63	NA	NA	NA	NA	NA
All Sectors.....	6.13	6.20	6.32	6.35	6.26	6.35	6.44	6.60	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	6	35	1	31	NA	NA	NA	73
Number of Retail Customers	217,697	56,431	21	138,319	NA	NA	NA	412,468
Retail Sales (thousand megawatthours)	5,184	1,394	316	2,918	NA	NA	NA	9,811
Percentage of Retail Sales	52.84	14.21	3.22	29.74	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	366	74	5	203	NA	NA	NA	648
Percentage of Revenue	56.48	11.38	0.82	31.31	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	7.06	5.29	1.69	6.95	NA	NA	NA	6.60

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.

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

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

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Tennessee		
NERC Region(s).....		ECAR/SERC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	20,749	18
Electric Utilities.....	19,120	12
Independent Power Producers & Combined Heat and Power.....	1,629	36
Net Generation (megawatthours).....	97,117,166	17
Electric Utilities.....	93,942,273	10
Independent Power Producers & Combined Heat and Power.....	3,174,893	39
Emissions (thousand metric tons)		
Sulfur Dioxide	278	13
Nitrogen Oxide	97	14
Carbon Dioxide.....	59,882	15
Sulfur Dioxide (lbs/MWh)	6.3	18
Nitrogen Oxide (lbs/MWh)	2.2	28
Carbon Dioxide (lbs/MWh).....	1,359	27
Total Retail Sales (megawatthours).....	103,905,421	13
Full Service Provider Sales (megawatthours)	103,905,421	11
Direct Use (megawatthours)	1,939,498	18
Average Retail Price (cents/kWh).....	6.31	40

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Tennessee			
1. Cumberland	Coal	Tennessee Valley Authority	2,462
2. Sequoyah	Nuclear	Tennessee Valley Authority	2,277
3. Johnsonville	Coal	Tennessee Valley Authority	2,271
4. Raccoon Mountain.....	Pumped Storage	Tennessee Valley Authority	1,597
5. Gallatin	Coal	Tennessee Valley Authority	1,575
6. Kingston.....	Coal	Tennessee Valley Authority	1,426
7. Allen Steam Plant.....	Coal	Tennessee Valley Authority	1,168
8. Watts Bar Nuclear Plant	Nuclear	Tennessee Valley Authority	1,121
9. Lagoon Creek	Gas	Tennessee Valley Authority	941
10. Bull Run.....	Coal	Tennessee Valley Authority	879

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Memphis City of.....	Public	14,681,649	5,665,290	5,036,208	3,978,842	1,309
2. Nashville Electric Service	Public	12,501,090	4,768,104	4,594,878	3,138,108	0
3. Tennessee Valley Authority	Federal	8,798,897	0	0	8,798,897	0
4. Knoxville Utilities Board.....	Public	5,887,592	2,486,826	1,896,888	1,503,878	0
5. Chattanooga City of.....	Public	5,503,036	2,097,245	1,883,713	1,522,078	0
Total Sales, Top Five Providers		47,372,264	15,017,465	13,411,687	18,941,803	1,309
Percent of Total State Sales.....		46	37	46	56	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Electric Utilities.....	16,996	16,144	17,893	18,600	19,137	19,235	19,239	19,120	97.8	92.1
Coal.....	9,289	8,615	8,618	8,618	8,602	8,609	8,623	8,618	53.4	41.5
Petroleum.....	-	-	800	836	56	56	56	58	-	0.3
Natural Gas.....	1,668	1,568	1,344	1,960	3,116	3,128	3,137	3,032	9.6	14.6
Nuclear.....	2,296	2,217	3,367	3,367	3,389	3,398	3,398	3,398	13.2	16.4
Hydroelectric.....	2,211	2,212	2,230	2,239	2,348	2,389	2,429	2,415	12.7	11.6
Other Renewables.....	-	-	2	2	2	2	-	2	-	*
Pumped Storage.....	1,532	1,532	1,532	1,578	1,624	1,652	1,597	1,597	8.8	7.7
Independent Power Producers and Combined Heat and Power	387	614	1,564	1,559	1,587	1,659	1,702	1,629	2.2	7.9
Coal.....	314	332	363	295	276	276	276	256	1.8	1.2
Natural Gas.....	24	28	970	1,026	1,034	1,106	1,106	1,034	0.1	5.0
Hydroelectric.....	-	170	170	165	165	165	179	193	-	0.9
Other Renewables.....	11	46	23	74	112	112	141	146	0.1	0.7
Other.....	38	38	38	-	-	-	-	-	0.2	-
Total Electric Industry.....	17,383	16,759	19,457	20,160	20,723	20,893	20,941	20,749	100.0	100.0
Coal.....	9,603	8,947	8,981	8,913	8,878	8,885	8,899	8,874	55.2	42.8
Petroleum.....	-	-	800	836	56	56	56	58	-	0.3
Natural Gas.....	1,692	1,596	2,314	2,986	4,150	4,234	4,243	4,066	9.7	19.6
Nuclear.....	2,296	2,217	3,367	3,367	3,389	3,398	3,398	3,398	13.2	16.4
Hydroelectric.....	2,211	2,382	2,400	2,404	2,513	2,554	2,608	2,608	12.7	12.6
Other Renewables.....	11	46	25	76	114	114	141	148	0.1	0.7
Pumped Storage.....	1,532	1,532	1,532	1,578	1,624	1,652	1,597	1,597	8.8	7.7
Other.....	38	38	38	-	-	-	-	-	0.2	-

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Tennessee										
Electric Utilities.....	73,902,614	82,277,534	92,311,813	92,937,315	92,570,929	88,678,127	94,371,964	93,942,273	97.0	96.7
Coal.....	50,186,951	57,971,909	60,675,314	58,166,973	58,080,553	53,376,149	56,583,558	57,560,600	65.9	59.3
Petroleum.....	134,397	252,611	539,784	379,703	250,325	379,007	166,943	201,121	0.2	0.2
Natural Gas.....	41,463	158,234	127,250	5,316	40,414	408,059	173,999	434,043	0.1	0.4
Nuclear.....	14,002,591	15,708,421	25,824,858	28,576,431	27,573,925	24,152,580	28,612,271	27,803,108	18.4	28.6
Hydroelectric.....	10,015,363	8,801,848	5,876,058	6,542,616	7,317,487	11,087,048	9,649,206	8,537,997	13.1	8.8
Other Renewables.....	-	-	-	-	4,068	3,933	3,813	3,339	-	*
Pumped Storage.....	-478,151	-615,489	-731,451	-733,724	-695,843	-728,649	-817,826	-597,935	-0.6	-0.6
Independent Power Producers and Combined Heat and Power.....	2,284,995	3,453,301	3,526,771	3,284,661	3,543,333	3,543,663	3,222,578	3,174,893	3.0	3.3
Coal.....	1,638,655	1,503,095	1,544,196	1,563,059	1,625,128	1,545,148	1,733,922	1,716,870	2.2	1.8
Petroleum.....	2,670	4,774	22,386	20,361	19,288	26,803	23,414	29,406	*	*
Natural Gas.....	182,683	316,861	521,521	450,187	429,159	218,927	126,503	101,527	0.2	0.1
Other Gases.....	4,210	11,062	13,833	18,496	11,873	2,834	-	-	*	-
Hydroelectric.....	-	826,703	520,151	403,913	656,175	916,598	758,906	771,544	-	0.8
Other Renewables.....	411,777	632,743	799,649	822,025	796,160	825,903	579,834	555,546	0.5	0.6
Other.....	45,000	158,063	105,035	6,620	5,550	7,451	-	-	0.1	-
Total Electric Industry.....	76,187,609	85,730,835	95,838,584	96,221,976	96,114,262	92,221,790	97,594,542	97,117,166	100.0	100.0
Coal.....	51,825,606	59,475,004	62,219,510	59,730,032	59,705,681	54,921,297	58,317,480	59,277,470	68.0	61.0
Petroleum.....	137,067	257,385	562,170	400,064	269,613	405,810	190,357	230,527	0.2	0.2
Natural Gas.....	224,146	475,095	648,771	455,503	469,573	626,986	300,502	535,570	0.3	0.6
Other Gases.....	4,210	11,062	13,833	18,496	11,873	2,834	-	-	*	-
Nuclear.....	14,002,591	15,708,421	25,824,858	28,576,431	27,573,925	24,152,580	28,612,271	27,803,108	18.4	28.6
Hydroelectric.....	10,015,363	9,628,551	6,396,209	6,946,529	7,973,662	12,003,646	10,408,112	9,309,541	13.1	9.6
Other Renewables.....	411,777	632,743	799,649	822,025	800,228	829,836	583,647	558,885	0.5	0.6
Pumped Storage.....	-478,151	-615,489	-731,451	-733,724	-695,843	-728,649	-817,826	-597,935	-0.6	-0.6
Other.....	45,000	158,063	105,035	6,620	5,550	7,451	-	-	0.1	-

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Tennessee								
Coal (cents per million Btu)	134.2	115.2	110.6	122.0	W	W	W	W
Average heat value (Btu per pound)	11,966	12,130	11,629	12,155	11,615	11,465	11,457	10,993
Average sulfur Content (percent)	2.0	2.0	1.5	1.4	1.3	1.2	1.3	1.1
Petroleum (cents per million Btu)	560.8	397.4	635.2	553.8	536.3	619.3	842.3	1,262.2
Average heat value (Btu per gallon)	138,824	138,262	139,900	145,952	139,900	139,902	139,357	137,160
Average sulfur Content (percent)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
Natural Gas (cents per million Btu)	-	-	-	-	322.6	619.7	W	870.2
Average heat value (Btu per cubic foot)	-	-	-	-	1,024	1,025	1,035	1,032

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Tennessee								
Sulfur Dioxide								
Coal	760	494	432	360	339	336	310	270
Petroleum	*	*	*	1	1	1	1	1
Natural Gas	*	*	*	*	*	*	-	-
Other	3	5	3	7	7	7	8	7
Total	764	500	436	368	347	345	318	278
Nitrogen Oxide								
Coal	237	239	156	149	147	124	103	95
Petroleum	*	*	*	2	1	2	*	*
Natural Gas	1	1	1	1	1	2	*	1
Other	1	2	2	5	4	1	2	1
Total	239	243	160	157	153	129	105	97
Carbon Dioxide								
Coal	52,061 ^R	57,609 ^R	62,832 ^R	60,232	58,261	54,739	57,995	59,126
Petroleum	106 ^R	209 ^R	515 ^R	434	268	460	242	286
Natural Gas	416 ^R	729 ^R	828 ^R	565	506	571	320	445
Other Renewables	136 ^R	114 ^R	110 ^R	94	30	8	16	25
Total	52,720 ^R	58,660 ^R	64,286 ^R	61,325	59,065	55,778	58,573	59,882

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Tennessee										
Retail Sales (thousand megawatthours)										
Residential	28,757	30,967	36,622	36,932	38,752	37,697	38,526	41,132	37.3	39.6
Commercial	12,128	5,176	25,757	25,974	26,523	27,481	28,249	29,146	15.7	28.1
Industrial	35,313	44,828	32,289	32,149	31,845	32,278	32,885	33,625	45.8	32.4
Other	947	1,060	1,060	1,077	1,113	NA	NA	NA	1.2	NA
Transportation	NA	NA	NA	NA	NA	NA	1	1	NA	*
All Sectors	77,145	82,030	95,728	96,131	98,233	97,456	99,661	103,905	100.0	100.0
Retail Revenue (million dollars)										
Residential	1,637	1,832	2,316	2,335	2,483	2,467	2,657	2,872	40.0	43.8
Commercial	739	344	1,617	1,639	1,712	1,836	1,992	2,090	18.0	31.9
Industrial	1,656	2,018	1,320	1,301	1,322	1,384	1,466	1,591	40.4	24.3
Other	65	80	93	95	99	NA	NA	NA	1.6	NA
Transportation	NA	NA	NA	NA	NA	NA	*	*	NA	*
All Sectors	4,096	4,274	5,346	5,370	5,616	5,687	6,115	6,553	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential	5.69	5.91	6.33	6.32	6.41	6.55	6.90	6.98	NA	NA
Commercial	6.09	6.65	6.28	6.31	6.45	6.68	7.05	7.17	NA	NA
Industrial	4.69	4.50	4.09	4.05	4.15	4.29	4.46	4.73	NA	NA
Other	6.86	7.56	8.79	8.83	8.92	NA	NA	NA	NA	NA
Transportation	NA	NA	NA	NA	NA	NA	11.75	11.46	NA	NA
All Sectors	5.31	5.21	5.58	5.59	5.72	5.84	6.14	6.31	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	3	62	1	25	5	NA	NA	96
Number of Retail Customers	45,986	2,082,162	37	886,758	5	NA	NA	3,014,948
Retail Sales (thousand megawatthours)	2,096	69,865	8,799	21,532	1,614	NA	NA	103,905
Percentage of Retail Sales	2.02	67.24	8.47	20.72	1.55	NA	NA	100.00
Revenue from Retail Sales (million dollars)	93	4,627	325	1,489	19	NA	NA	6,553
Percentage of Revenue	1.42	70.61	4.96	22.72	0.29	NA	NA	100.00
Average Retail Price (cents/kWh)	4.44	6.62	3.70	6.91	1.17	NA	NA	6.31

Tennessee

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Texas		
NERC Region(s).....		ERCOT/SERC/SPP/WECC
Primary Energy Source.....		Gas
Net Summer Capability (megawatts).....	101,046	1
Electric Utilities.....	23,064	9
Independent Power Producers & Combined Heat and Power.....	77,982	1
Net Generation (megawatthours).....	396,668,721	1
Electric Utilities.....	95,187,030	9
Independent Power Producers & Combined Heat and Power.....	301,481,692	1
Emissions (thousand metric tons)		
Sulfur Dioxide	549	5
Nitrogen Oxide	247	1
Carbon Dioxide.....	258,661	1
Sulfur Dioxide (lbs/MWh)	3.1	33
Nitrogen Oxide (lbs/MWh)	1.4	39
Carbon Dioxide (lbs/MWh).....	1,438	23
Total Retail Sales (megawatthours)	334,258,262	1
Full Service Provider Sales (megawatthours)	334,258,262	1
Direct Use (megawatthours)	50,804,561	1
Average Retail Price (cents/kWh).....	9.14	13

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Texas			
1. W A Parish.....	Coal	Texas Genco II, LP	3,654
2. South Texas Project.....	Nuclear	STP Nuclear Operating Co	2,560
3. Comanche Peak	Nuclear	TXU Generation Co LP	2,300
4. Cedar Bayou	Gas	Texas Genco II, LP	2,258
5. Martin Lake	Coal	TXU Generation Co LP	2,250
6. P H Robinson.....	Gas	Texas Genco II, LP	2,211
7. Monticello.....	Coal	TXU Generation Co LP	1,880
8. Sabine	Gas	Entergy Gulf States Inc	1,809
9. Fayette Power Project.....	Coal	Lower Colorado River Authority	1,641
10. Forney Energy Center.....	Gas	FPLE Forney LP	1,640

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Texas						
1. TXU Energy Retail Co LP	Other Provider	57,533,193	32,021,757	9,241,830	16,256,316	13,290
2. Reliant Energy Retail Services	Other Provider	53,998,156	24,451,345	8,064,660	21,482,151	0
3. San Antonio City of	Public	18,194,308	8,059,775	8,261,863	1,872,670	0
4. Constellation NewEnergy, Inc.....	Other Provider	17,948,785	0	7,684,586	10,264,199	0
5. Entergy Gulf States Inc.....	Investor-Owned	14,978,861	5,206,653	4,122,070	5,650,138	0
Total Sales, Top Five Providers		162,653,303	69,739,530	37,375,009	55,525,474	13,290
Percent of Total State Sales		49	55	34	57	19

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Texas										
Electric Utilities.....	62,034	64,424	65,383	38,940	38,903	22,629	22,897	23,064	89.7	22.8
Coal.....	18,590	19,399	19,473	12,471	12,398	8,189	8,320	8,294	26.9	8.2
Petroleum.....	42	38	37	5	5	5	13	13	0.1	*
Natural Gas.....	39,082	39,505	40,363	23,230	23,274	13,729	13,889	13,946	56.5	13.8
Other Gases.....	-	-	-	-	-	-	-	104	-	0.1
Nuclear.....	3,651	4,802	4,800	2,529	2,529	-	-	-	5.3	-
Hydroelectric.....	640	680	696	690	690	692	661	666	0.9	0.7
Other Renewables.....	29	*	1	3	7	1	1	1	*	*
Other.....	-	-	13	13	-	13	13	39	-	*
Independent Power Producers and Combined Heat and Power	7,122	8,238	16,512	49,015	55,585	76,964	78,207	77,982	10.3	77.2
Coal.....	338	338	338	7,442	7,798	11,864	11,881	11,894	0.5	11.8
Petroleum.....	79	238	709	1,695	779	785	217	209	0.1	0.2
Natural Gas.....	6,242	7,231	14,927	36,298	43,179	57,730	59,327	58,780	9.0	58.2
Other Gases.....	252	163	171	155	295	289	359	133	0.4	0.1
Nuclear.....	-	-	-	2,208	2,208	4,768	4,860	4,860	-	4.8
Hydroelectric.....	-	-	2	7	7	7	7	7	-	*
Other Renewables.....	141	199	358	1,032	1,200	1,432	1,431	1,940	0.2	1.9
Other.....	70	70	6	178	118	89	123	160	0.1	0.2
Total Electric Industry.....	69,156	72,663	81,895	87,956	94,488	99,594	101,104	101,046	100.0	100.0
Coal.....	18,928	19,737	19,811	19,913	20,196	20,053	20,201	20,188	27.4	20.0
Petroleum.....	121	276	746	1,700	784	790	231	222	0.2	0.2
Natural Gas.....	45,324	46,736	55,291	59,528	66,453	71,459	73,216	72,726	65.5	72.0
Other Gases.....	252	163	171	155	295	289	359	237	0.4	0.2
Nuclear.....	3,651	4,802	4,800	4,737	4,737	4,768	4,860	4,860	5.3	4.8
Hydroelectric.....	640	680	697	697	697	699	668	673	0.9	0.7
Other Renewables.....	171	199	360	1,035	1,208	1,434	1,433	1,941	0.2	1.9
Other.....	70	70	19	191	118	102	136	199	0.1	0.2

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Texas										
Electric Utilities.....	234,047,343	261,708,943	297,298,634	265,012,955	149,587,269	86,882,044	92,054,150	95,187,030	83.1	24.0
Coal.....	118,354,490	122,149,283	137,876,671	132,296,611	90,259,574	60,288,940	63,893,450	61,275,542	42.0	15.4
Petroleum.....	480,617	203,267	1,200,446	1,741,052	25,987	257,818	67,624	68,365	0.2	*
Natural Gas.....	97,279,980	101,501,467	119,840,216	91,617,908	39,173,483	25,473,500	26,726,978	32,324,018	34.6	8.1
Nuclear.....	15,859,258	36,151,325	37,555,807	38,162,863	19,049,602	-	-	-	5.6	-
Hydroelectric.....	1,793,625	1,703,348	825,453	1,194,526	1,076,338	858,933	1,266,098	1,288,469	0.6	0.3
Other Renewables.....	279,373	253	41	-5	2,285	2,852	2,454	1,056	0.1	*
Other.....	-	-	-	-	-	-	97,546	229,580	-	0.1
Independent Power Producers and Combined Heat and Power.....	47,512,292	55,927,303	80,443,731	107,567,047	236,041,272	292,317,641	298,244,982	301,481,691	16.9	76.0
Coal.....	2,566,906	2,567,665	2,795,293	2,803,310	51,587,666	86,700,570	84,991,205	87,082,481	0.9	22.0
Petroleum.....	1,347,186	1,404,528	1,615,196	1,062,351	1,594,977	2,257,437	1,673,060	1,544,883	0.5	0.4
Natural Gas.....	38,954,345	45,477,241	68,893,079	98,493,073	157,259,926	159,437,850	160,076,434	163,446,530	13.8	41.2
Other Gases.....	2,997,509	4,276,154	3,798,047	1,574,325	3,052,992	5,999,489	5,823,966	5,184,273	1.1	1.3
Nuclear.....	-	-	-	-	16,568,402	33,437,484	40,435,372	38,232,493	-	9.6
Hydroelectric.....	-	-	3,510	5,806	47,154	37,606	34,511	44,091	-	*
Other Renewables.....	1,157,615	1,412,152	1,770,566	2,180,950	3,972,969	3,962,885	4,362,061	5,333,354	0.4	1.3
Other.....	488,731	789,563	1,568,040	1,447,232	1,957,186	484,320	848,373	613,587	0.2	0.2
Total Electric Industry.....	281,559,635	317,636,246	377,742,365	372,580,002	385,628,541	379,199,685	390,299,132	396,668,721	100.0	100.0
Coal.....	120,921,396	124,716,948	140,671,964	135,099,921	141,847,240	146,989,510	148,884,655	148,358,023	42.9	37.4
Petroleum.....	1,827,803	1,607,795	2,815,642	2,803,403	1,620,964	2,515,255	1,740,684	1,613,248	0.6	0.4
Natural Gas.....	136,234,325	146,978,708	188,733,295	190,110,981	196,433,409	184,911,350	186,803,412	195,770,548	48.4	49.4
Other Gases.....	2,997,509	4,276,154	3,798,047	1,574,325	3,052,992	5,999,489	5,823,966	5,184,273	1.1	1.3
Nuclear.....	15,859,258	36,151,325	37,555,807	38,162,863	35,618,004	33,437,484	40,435,372	38,232,493	5.6	9.6
Hydroelectric.....	1,793,625	1,703,348	828,963	1,200,332	1,123,492	896,539	1,300,609	1,332,560	0.6	0.3
Other Renewables.....	1,436,988	1,412,405	1,770,607	2,180,945	3,975,254	3,965,737	4,364,515	5,334,410	0.5	1.3
Other.....	488,731	789,563	1,568,040	1,447,232	1,957,186	484,320	945,919	843,167	0.2	0.2

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Texas								
Coal (cents per million Btu)	145.3	133.7	122.7	133.2	126.5	125.4	130.9	129.0
Average heat value (Btu per pound)	7,291	7,346	7,548	7,635	7,677	7,605	7,641	7,611
Average sulfur Content (percent)	0.7	0.8	0.7	0.7	0.7	0.8	0.8	0.7
Petroleum (cents per million Btu)	517.3	283.4	617.3	555.6	199.6	422.8	171.1	248.5
Average heat value (Btu per gallon)	141,838	117,555	135,419	141,905	140,340	139,979	137,700	137,955
Average sulfur Content (percent)	0.5	1.6	0.3	0.5	3.9	1.4	3.3	3.6
Natural Gas (cents per million Btu)	210.2	188.9	415.5	420.9	331.7	528.2	576.9	782.6
Average heat value (Btu per cubic foot)	1,035	1,023	1,020	1,020	1,023	1,029	1,026	1,029

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Texas								
Sulfur Dioxide								
Coal.....	484	516	567	528	555	573	531	537
Petroleum.....	74	37	45	81	83	22	21	6
Natural Gas.....	*	*	1	1	*	1	1	1
Other.....	10	15	12	6	5	18	21	5
Total.....	569	568	626	615	644	614	574	549
Nitrogen Oxide								
Coal.....	471	445	220	184	163	146	132	126
Petroleum.....	4	3	4	12	12	5	7	5
Natural Gas.....	181	178	202	191	131	131	117	104
Other.....	6	8	5	17	27	26	18	12
Total.....	663	634	432	403	333	308	273	247
Carbon Dioxide								
Coal.....	125,004 ^R	128,271 ^R	144,859 ^R	139,376	144,222	149,738	152,246	152,353
Petroleum.....	2,569 ^R	2,023 ^R	3,619 ^R	3,367	2,324	2,889	2,704	2,175
Natural Gas.....	83,468 ^R	89,928 ^R	113,759 ^R	110,449	109,297	102,445	101,775	104,133
Other Renewables.....	5 ^R	1 ^R	43 ^R	35	47	-	-	-
Total.....	211,045 ^R	220,223 ^R	262,280 ^R	253,227	255,890	255,073	256,725	258,661

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Texas										
Retail Sales (thousand megawatthours)										
Residential.....	82,548	92,831	116,895	117,343	121,435	121,355	120,330	126,562	34.8	37.9
Commercial.....	62,238	68,580	84,848	87,912	87,746	96,694	99,616	110,784	26.2	33.1
Industrial.....	84,087	90,093	101,588	98,208	102,251	104,547	100,588	96,841	35.4	29.0
Other.....	8,542	11,775	14,931	14,581	9,414	NA	NA	NA	3.6	NA
Transportation.....	NA	NA	NA	NA	NA	90	81	71	NA	*
All Sectors.....	237,415	263,279	318,263	318,044	320,846	322,686	320,615	334,258	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	5,947	7,162	9,305	10,399	9,778	11,111	11,707	13,832	43.4	45.3
Commercial.....	3,843	4,556	5,835	6,807	6,095	7,581	7,867	9,810	28.0	32.1
Industrial.....	3,391	3,590	4,491	5,174	4,761	5,512	5,902	6,916	24.7	22.6
Other.....	534	758	1,011	1,103	616	NA	NA	NA	3.9	NA
Transportation.....	NA	NA	NA	NA	NA	6	6	6	NA	*
All Sectors.....	13,715	16,066	20,642	23,484	21,251	24,211	25,482	30,564	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.20	7.71	7.96	8.86	8.05	9.16	9.73	10.93	NA	NA
Commercial.....	6.17	6.64	6.88	7.74	6.95	7.84	7.90	8.85	NA	NA
Industrial.....	4.03	3.98	4.42	5.27	4.66	5.27	5.87	7.14	NA	NA
Other.....	6.25	6.44	6.77	7.56	6.55	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	6.62	7.02	8.45	NA	NA
All Sectors.....	5.78	6.10	6.49	7.38	6.62	7.50	7.95	9.14	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Texas								
Number of Entities	63	72	NA	69	11	NA	NA	215
Number of Retail Customers	7,155,879	1,559,421	NA	1,683,462	12	NA	NA	10,398,774
Retail Sales (thousand megawatthours)	252,382	43,500	NA	34,236	4,141	NA	NA	334,258
Percentage of Retail Sales	75.51	13.01	NA	10.24	1.24	NA	NA	100.00
Revenue from Retail Sales (million dollars)	23,553	3,479	NA	3,252	280	NA	NA	30,564
Percentage of Revenue	77.06	11.38	NA	10.64	0.91	NA	NA	100.00
Average Retail Price (cents/kWh)	9.33	8.00	NA	9.50	6.75	NA	NA	9.14

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Utah		
NERC Region(s).....		WECC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	6,528	38
Electric Utilities.....	6,053	31
Independent Power Producers & Combined Heat and Power.....	475	46
Net Generation (megawatthours).....	38,165,131	36
Electric Utilities.....	36,695,193	29
Independent Power Producers & Combined Heat and Power.....	1,469,938	44
Emissions (thousand metric tons)		
Sulfur Dioxide	31	36
Nitrogen Oxide	64	29
Carbon Dioxide.....	35,911	28
Sulfur Dioxide (lbs/MWh)	1.8	40
Nitrogen Oxide (lbs/MWh)	3.7	11
Carbon Dioxide (lbs/MWh).....	2,074	4
Total Retail Sales (megawatthours).....	25,000,498	37
Full Service Provider Sales (megawatthours)	25,000,498	37
Direct Use (megawatthours)	751,289	28
Average Retail Price (cents/kWh).....	5.92	43

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Utah			
1. Intermountain Power Project.....	Coal	Los Angeles City of	1,800
2. Hunter.....	Coal	PacifiCorp	1,320
3. Huntington.....	Coal	PacifiCorp	895
4. Bonanza.....	Coal	Deseret Generation & Tran Coop	458
5. Gadsby.....	Gas	PacifiCorp	352
6. Carrant Creek.....	Gas	PacifiCorp	282
7. West Valley Generation Project.....	Gas	PacifiCorp	202
8. KUCC.....	Coal	Kennecott Utah Copper Corporation	187
9. Carbon.....	Coal	PacifiCorp	172
10. Murray Turbine.....	Gas	Murray City of	159

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Utah						
1. PacifiCorp.....	Investor-Owned	20,124,181	5,706,611	7,295,105	7,094,794	27,671
2. Provo City Corporation	Public	732,653	220,189	379,206	133,258	0
3. City of St George.....	Public	535,240	245,841	96,411	192,988	0
4. City of Logan.....	Public	399,893	86,589	170,296	143,008	0
5. City of Murray.....	Public	379,738	112,043	267,695	0	0
Total Sales, Top Five Providers		22,171,705	6,371,273	8,208,713	7,564,048	27,671
Percent of Total State Sales.....		89	84	87	95	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Utah										
Electric Utilities.....	4,805	4,927	5,111	5,129	5,573	5,574	5,754	6,053	98.3	92.7
Coal.....	4,316	4,374	4,464	4,464	4,461	4,461	4,645	4,645	88.3	71.2
Petroleum.....	26	25	44	50	45	46	38	35	0.5	0.5
Natural Gas.....	228	231	303	332	782	782	796	1,098	4.7	16.8
Hydroelectric.....	213	261	265	251	252	252	252	253	4.4	3.9
Other Renewables.....	21	35	35	33	33	33	23	23	0.4	0.4
Pumped Storage.....	*	*	*	-	-	-	-	-	*	-
Independent Power Producers and Combined Heat and Power	82	136	112	179	179	223	436	475	1.7	7.3
Coal.....	-	54	101	101	101	144	181	246	-	3.8
Petroleum.....	3	2	2	3	3	3	-	-	0.1	-
Natural Gas.....	20	21	4	72	72	72	195	225	0.4	3.4
Other Gases.....	48	48	-	-	-	-	-	-	1.0	-
Hydroelectric.....	10	10	4	2	2	2	2	2	0.2	*
Other Renewables.....	-	-	1	1	1	1	1	1	-	*
Total Electric Industry.....	4,886	5,063	5,223	5,308	5,752	5,797	6,190	6,528	100.0	100.0
Coal.....	4,316	4,429	4,565	4,565	4,562	4,606	4,826	4,891	88.3	74.9
Petroleum.....	30	27	46	53	48	49	38	35	0.6	0.5
Natural Gas.....	249	253	306	404	854	854	991	1,323	5.1	20.3
Other Gases.....	48	48	-	-	-	-	-	-	1.0	-
Hydroelectric.....	223	271	269	253	254	254	254	255	4.6	3.9
Other Renewables.....	21	35	36	34	34	34	24	24	0.4	0.4
Pumped Storage.....	*	*	*	-	-	-	-	-	*	-

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Utah										
Electric Utilities.....	32,260,340	32,101,107	35,827,490	35,138,801	36,071,946	37,544,892	37,165,917	36,695,193	99.1	96.1
Coal.....	31,519,477	30,259,914	34,045,804	33,204,340	34,080,979	35,579,158	35,634,374	34,824,862	96.8	91.2
Petroleum.....	49,262	34,000	56,940	57,538	53,469	31,386	32,567	40,245	0.2	0.1
Natural Gas.....	54,034	741,115	830,557	1,223,978	1,268,326	1,322,984	864,181	874,505	0.2	2.3
Hydroelectric.....	485,742	926,336	737,830	500,203	451,521	412,899	439,919	770,779	1.5	2.0
Other Renewables.....	151,825	139,742	151,843	152,742	217,651	198,465	194,876	184,802	0.5	0.5
Pumped Storage.....	-	-	4,516	-	-	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	303,199	706,281	781,584	714,949	536,057	478,774	1,046,060	1,469,938	0.9	3.9
Coal.....	3,449	351,149	445,620	474,968	406,744	399,490	983,480	1,145,543	*	3.0
Petroleum.....	2,590	1,934	1,031	38	50	1,480	-	664	*	*
Natural Gas.....	92,454	50,097	59,671	222,099	111,855	60,123	45,669	302,996	0.3	0.8
Other Gases.....	182,005	260,694	257,857	-	-	-	-	-	0.6	-
Hydroelectric.....	22,701	42,407	8,295	8,202	6,211	8,440	9,929	13,684	0.1	*
Other Renewables.....	-	-	9,110	5,496	6,270	5,083	3,840	3,949	-	*
Other.....	-	-	-	4,146	4,927	4,158	3,142	3,102	-	*
Total Electric Industry.....	32,563,539	32,807,388	36,609,074	35,853,750	36,608,003	38,023,666	38,211,977	38,165,131	100.0	100.0
Coal.....	31,522,926	30,611,063	34,491,424	33,679,308	34,487,723	35,978,648	36,617,854	35,970,405	96.8	94.2
Petroleum.....	51,852	35,934	57,971	57,576	53,519	32,866	32,567	40,909	0.2	0.1
Natural Gas.....	146,488	791,212	890,228	1,446,077	1,380,181	1,383,107	909,850	1,177,501	0.4	3.1
Other Gases.....	182,005	260,694	257,857	-	-	-	-	-	0.6	-
Hydroelectric.....	508,443	968,743	746,125	508,405	457,732	421,339	449,848	784,463	1.6	2.1
Other Renewables.....	151,825	139,742	160,953	158,238	223,921	203,548	198,716	188,751	0.5	0.5
Pumped Storage.....	-	-	4,516	-	-	-	-	-	-	-
Other.....	-	-	-	4,146	4,927	4,158	3,142	3,102	-	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Utah								
Coal (cents per million Btu)	116.7	109.4	101.3	112.3	W	W	W	W
Average heat value (Btu per pound)	11,483	11,550	11,678	11,375	11,223	11,025	10,718	10,786
Average sulfur Content (percent)	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5
Petroleum (cents per million Btu)	541.5	504.6	678.6	634.5	556.4	722.2	923.7	1,291.2
Average heat value (Btu per gallon)	140,000	139,338	139,290	139,286	139,821	139,493	139,512	139,752
Average sulfur Content (percent)	0.3	0.2	0.2	0.3	0.3	0.2	0.2	0.3
Natural Gas (cents per million Btu)	503.5	214.5	383.6	463.6	W	W	W	W
Average heat value (Btu per cubic foot)	1,000	1,055	1,049	1,030	1,056	1,062	1,049	1,047

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Utah								
Sulfur Dioxide								
Coal.....	29	26	26	32	30	32	34	31
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	-	*	*	*	*	*	*	*
Other.....	-	-	*	*	2	*	*	*
Total.....	29	26	26	33	32	32	34	31
Nitrogen Oxide								
Coal.....	109	102	72	66	65	64	65	62
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	1	1	3	2	2	1	1
Other.....	-	-	*	1	6	*	*	*
Total.....	109	103	73	70	74	66	66	64
Carbon Dioxide								
Coal.....	28,768 ^R	28,796 ^R	32,079 ^R	31,391	32,497	33,520	34,511	35,120
Petroleum.....	35 ^R	28 ^R	43 ^R	46	41	26	26	31
Natural Gas.....	89 ^R	520 ^R	699 ^R	1,020	832	780	525	698
Geothermal.....	4 ^R	4 ^R	4 ^R	4	6	5	5	5
Other Renewables.....	-	-	57 ^R	55	59	54	57	57
Total.....	28,896 ^R	29,348 ^R	32,882 ^R	32,516	33,434	34,385	35,124	35,911

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Utah										
Retail Sales (thousand megawatthours)										
Residential.....	4,246	5,041	6,514	6,693	6,938	7,166	7,325	7,567	27.6	30.3
Commercial.....	4,515	5,642	7,884	8,262	8,463	9,024	9,345	9,417	29.3	37.7
Industrial.....	5,766	6,957	7,917	7,411	7,019	7,646	7,816	7,989	37.4	32.0
Other.....	875	820	870	851	846	NA	NA	NA	5.7	NA
Transportation.....	NA	NA	NA	NA	NA	25	25	28	NA	0.1
All Sectors.....	15,402	18,460	23,185	23,217	23,267	23,860	24,512	25,000	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	303	350	410	450	471	494	528	569	36.0	38.4
Commercial.....	283	334	412	461	474	504	551	571	33.6	38.6
Industrial.....	219	259	265	262	269	290	314	339	26.1	22.9
Other.....	36	37	36	39	40	NA	NA	NA	4.3	NA
Transportation.....	NA	NA	NA	NA	NA	1	2	2	NA	0.1
All Sectors.....	841	979	1,123	1,211	1,255	1,290	1,395	1,481	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.13	6.94	6.29	6.72	6.79	6.90	7.21	7.52	NA	NA
Commercial.....	6.26	5.92	5.23	5.58	5.60	5.59	5.90	6.07	NA	NA
Industrial.....	3.80	3.72	3.35	3.53	3.84	3.79	4.01	4.24	NA	NA
Other.....	4.16	4.46	4.14	4.53	4.69	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	6.01	6.57	7.20	NA	NA
All Sectors.....	5.46	5.30	4.84	5.21	5.39	5.41	5.69	5.92	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	2	40	1	9	NA	NA	NA	52
Number of Retail Customers	726,893	207,366	12	38,543	NA	NA	NA	972,814
Retail Sales (thousand megawatthours)	20,124	3,978	54	844	NA	NA	NA	25,000
Percentage of Retail Sales	80.50	15.91	0.22	3.38	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	1,134	291	1	54	NA	NA	NA	1,481
Percentage of Revenue	76.55	19.68	0.10	3.66	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	5.63	7.33	2.66	6.42	NA	NA	NA	5.92

Utah

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.

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

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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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Vermont		
NERC Region(s).....		NPCC
Primary Energy Source.....		Nuclear
Net Summer Capability (megawatts).....	1,002	50
Electric Utilities.....	258	45
Independent Power Producers & Combined Heat and Power.....	745	43
Net Generation (megawatthours).....	5,716,755	50
Electric Utilities.....	673,607	45
Independent Power Producers & Combined Heat and Power.....	5,043,147	36
Emissions (thousand metric tons)		
Sulfur Dioxide	*	51
Nitrogen Oxide	*	51
Carbon Dioxide.....	14	51
Sulfur Dioxide (lbs/MWh)	*	51
Nitrogen Oxide (lbs/MWh)	0.2	51
Carbon Dioxide (lbs/MWh).....	5	51
Total Retail Sales (megawatthours)	5,883,053	51
Full Service Provider Sales (megawatthours)	5,883,053	49
Direct Use (megawatthours)	30,484	48
Average Retail Price (cents/kWh).....	10.95	9

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Vermont			
1. Vermont Yankee.....	Nuclear	Entergy Nuclear Vermont Yankee	506
2. J C McNeil.....	Other Renewables	Burlington City of	52
3. Bellows Falls	Hydroelectric	TransCanada Hydro Northeast Inc.,	49
4. Wilder	Hydroelectric	TransCanada Hydro Northeast Inc.,	41
5. Harriman	Hydroelectric	TransCanada Hydro Northeast Inc.,	40
6. Berlin 5	Petroleum	Green Mountain Power Corp	35
7. Sheldon Springs Hydroelectric.....	Hydroelectric	Sheldon Vermont Hydro Co., Inc.	24
8. Vernon	Hydroelectric	TransCanada Hydro Northeast Inc.,	22
9. Burlington GT.....	Petroleum	Burlington City of	20
9. Ryegate Power Station.....	Other Renewables	SUEZ Energy Generation NA Inc	20

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Vermont						
1. Central Vermont Pub Serv Corp.....	Investor-Owned	2,300,103	978,164	907,598	414,341	0
2. Green Mountain Power Corp.....	Investor-Owned	2,008,251	598,605	723,386	686,260	0
3. Vermont Electric Coop, Inc.....	Cooperative	476,342	245,698	115,835	114,809	0
4. Burlington City of.....	Public	368,279	95,305	197,910	75,064	0
5. Omya Inc	Investor-Owned	224,158	6,412	4,759	212,987	0
Total Sales, Top Five Providers		5,377,133	1,924,184	1,949,488	1,503,461	0
Percent of Total State Sales		91	88	95	91	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Vermont										
Electric Utilities.....	1,065	1,090	777	262	261	260	251	258	96.0	25.7
Petroleum.....	117	118	112	111	107	107	101	100	10.6	10.0
Nuclear.....	496	496	506	-	-	-	-	-	44.7	-
Hydroelectric	404	426	106	99	102	96	93	100	36.4	10.0
Other Renewables.....	47	50	53	52	53	57	57	57	4.3	5.7
Independent Power Producers and Combined Heat and Power	44	71	207	708	733	737	747	745	4.0	74.3
Petroleum.....	-	-	-	-	-	-	7	7	-	0.7
Nuclear.....	-	-	-	506	506	506	506	506	-	50.5
Hydroelectric	40	47	183	178	203	207	211	208	3.6	20.8
Other Renewables.....	4	24	24	24	24	24	24	24	0.3	2.4
Total Electric Industry.....	1,109	1,161	984	970	994	997	998	1,002	100.0	100.0
Petroleum.....	117	118	112	111	107	107	107	107	10.6	10.7
Nuclear.....	496	496	506	506	506	506	506	506	44.7	50.5
Hydroelectric	444	474	289	277	305	303	304	309	40.1	30.8
Other Renewables.....	51	74	76	76	76	81	81	81	4.6	8.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Vermont										
Electric Utilities.....	4,992,578	4,839,820	5,307,016	4,734,002	2,971,224	626,337	643,426	673,607	96.7	11.8
Petroleum.....	2,543	13,357	60,660	31,740	9,406	22,607	17,800	10,179	*	0.2
Natural Gas.....	65,281	6,593	90,790	11,000	3,275	2,029	3,224	2,240	1.3	*
Nuclear.....	3,616,268	3,858,509	4,548,065	4,171,120	2,367,209	-	-	-	70.0	-
Hydroelectric.....	1,214,248	834,193	419,908	330,674	404,227	367,624	395,734	415,691	23.5	7.3
Other Renewables.....	94,238	127,168	187,593	189,468	187,107	234,077	226,668	245,497	1.8	4.3
Independent Power Producers and Combined Heat and Power.....	171,530	320,242	995,998	746,612	2,484,966	5,401,625	4,826,952	5,043,148	3.3	88.2
Petroleum.....	-	127	220	-	-	-	-	-	-	-
Other Gases.....	-	-	22,417	-	-	-	-	-	-	-
Nuclear.....	-	-	-	-	1,595,407	4,444,152	3,858,020	4,071,547	-	71.2
Hydroelectric.....	150,783	138,464	801,182	553,539	710,695	786,414	791,522	795,120	2.9	13.9
Other Renewables.....	20,747	181,651	172,179	193,073	178,864	171,059	177,410	176,480	0.4	3.1
Total Electric Industry.....	5,164,108	5,160,062	6,303,014	5,480,614	5,456,190	6,027,962	5,470,378	5,716,755	100.0	100.0
Petroleum.....	2,543	13,484	60,880	31,740	9,406	22,607	17,800	10,179	*	0.2
Natural Gas.....	65,281	6,593	90,790	11,000	3,275	2,029	3,224	2,240	1.3	*
Other Gases.....	-	-	22,417	-	-	-	-	-	-	-
Nuclear.....	3,616,268	3,858,509	4,548,065	4,171,120	3,962,616	4,444,152	3,858,020	4,071,547	70.0	71.2
Hydroelectric.....	1,365,031	972,657	1,221,090	884,213	1,114,922	1,154,038	1,187,256	1,210,811	26.4	21.2
Other Renewables.....	114,985	308,819	359,772	382,541	365,971	405,136	404,078	421,977	2.2	7.4

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Vermont								
Petroleum (cents per million Btu)	-	411.7	675.5	-	-	-	-	1,314.5
Average heat value (Btu per gallon)	-	137,900	134,088	-	-	-	-	138,098
Average sulfur Content (percent)	-	0.2	0.4	-	-	-	-	0.4
Natural Gas (cents per million Btu)	-	195.3	485.5	477.6	383.7	-	-	886.8
Average heat value (Btu per cubic foot)	-	1,001	1,012	1,010	1,006	-	-	1,007

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Vermont								
Sulfur Dioxide								
Petroleum	*	*	*	*	*	*	*	*
Other	*	*	*	*	*	*	*	*
Total	*	*	*	*	*	*	*	*
Nitrogen Oxide								
Petroleum	*	*	*	*	*	*	*	*
Natural Gas	*	*	*	*	-	*	*	*
Other	*	*	*	*	*	*	*	*
Total	*	*	*	1	*	*	*	*
Carbon Dioxide								
Petroleum	3 ^R	17 ^R	86 ^R	37	13	24	19	12
Natural Gas	37 ^R	7 ^R	55 ^R	6	2	2	3	2
Total	41 ^R	24 ^R	140 ^R	43	15	25	22	14

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Vermont										
Retail Sales (thousand megawatthours)										
Residential	1,809	1,973	2,037	2,009	2,047	2,011	2,109	2,189	38.3	37.2
Commercial	1,484	1,605	1,910	1,926	1,946	1,881	1,978	2,051	31.5	34.9
Industrial	1,381	1,484	1,646	1,608	1,592	1,460	1,577	1,644	29.3	27.9
Other	42	42	46	42	45	NA	NA	NA	0.9	NA
All Sectors	4,716	5,104	5,639	5,585	5,629	5,352	5,664	5,883	100.0	100.0
Retail Revenue (million dollars)										
Residential	168	208	251	255	262	258	273	284	42.9	44.1
Commercial	126	157	203	217	216	212	226	232	32.3	36.1
Industrial	91	112	120	127	126	117	126	128	23.4	19.8
Other	5	6	6	8	9	NA	NA	NA	1.3	NA
All Sectors	390	483	579	607	612	588	624	644	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential	9.27	10.52	12.30	12.67	12.78	12.82	12.94	12.96	NA	NA
Commercial	8.50	9.80	10.61	11.28	11.10	11.29	11.42	11.33	NA	NA
Industrial	6.62	7.56	7.31	7.89	7.90	8.05	7.96	7.77	NA	NA
Other	12.13	14.03	12.20	18.85	19.26	NA	NA	NA	NA	NA
All Sectors	8.28	9.46	10.27	10.86	10.87	10.98	11.02	10.95	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	4	15	NA	2	NA	NA	NA	21
Number of Retail Customers	244,644	53,586	NA	49,623	NA	NA	NA	347,853
Retail Sales (thousand megawatthours)	4,539	799	NA	545	NA	NA	NA	5,883
Percentage of Retail Sales	77.15	13.58	NA	9.27	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	489	89	NA	66	NA	NA	NA	644
Percentage of Revenue	75.93	13.87	NA	10.21	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	10.77	11.17	NA	12.06	NA	NA	NA	10.95

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Virginia		
NERC Region(s).....		ECAR/MAAC/SERC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	22,599	16
Electric Utilities.....	17,564	15
Independent Power Producers & Combined Heat and Power.....	5,036	21
Net Generation (megawatthours).....	78,943,045	21
Electric Utilities.....	65,456,080	16
Independent Power Producers & Combined Heat and Power.....	13,486,965	22
Emissions (thousand metric tons)		
Sulfur Dioxide	233	16
Nitrogen Oxide	66	28
Carbon Dioxide.....	47,709	21
Sulfur Dioxide (lbs/MWh)	6.5	17
Nitrogen Oxide (lbs/MWh)	1.9	34
Carbon Dioxide (lbs/MWh).....	1,332	30
Total Retail Sales (megawatthours)	108,849,552	11
Full Service Provider Sales (megawatthours)	108,827,497	9
Deregulated Sales (megawatthours)	22,055	20
Direct Use (megawatthours)	2,722,582	14
Average Retail Price (cents/kWh).....	6.64	34

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Virginia			
1. Bath County.....	Pumped Storage	Dominion Virginia Power	2,679
2. North Anna.....	Nuclear	Dominion Virginia Power	1,835
3. Possum Point	Gas	Dominion Virginia Power	1,706
4. Chesterfield.....	Coal	Dominion Virginia Power	1,631
5. Surry	Nuclear	Dominion Virginia Power	1,598
6. Yorktown.....	Coal	Dominion Virginia Power	1,141
7. Tenaska Virginia Generating Station	Gas	Tenaska Virginia Partners LP	910
8. Clover	Coal	Dominion Virginia Power	865
9. Doswell Energy Center.....	Gas	Doswell Ltd Partnership	820
10. Chesapeake	Coal	Dominion Virginia Power	710

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Virginia						
1. Virginia Electric & Power Co	Investor-Owned	73,355,964	28,267,645	36,303,398	8,621,448	163,473
2. Appalachian Power Co	Investor-Owned	16,401,869	6,596,460	4,020,893	5,784,516	0
3. Northern Virginia Elec Coop.....	Cooperative	3,032,816	1,879,451	796,776	356,589	0
4. Potomac Edison Co	Investor-Owned	3,009,656	1,258,393	667,948	1,083,315	0
5. Rappahannock Electric Coop	Cooperative	2,468,068	1,396,100	125,209	946,759	0
Total Sales, Top Five Providers		98,268,373	39,398,049	41,914,224	16,792,627	163,473
Percent of Total State Sales		90	88	94	87	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Virginia										
Electric Utilities.....	13,661	14,342	15,606	15,761	15,818	17,128	17,567	17,564	90.7	77.7
Coal.....	4,225	5,451	4,796	4,784	4,789	4,468	4,468	4,448	28.0	19.7
Petroleum.....	1,173	1,207	2,175	2,180	2,083	2,081	2,098	2,031	7.8	9.0
Natural Gas	1,772	1,162	2,083	2,248	2,097	3,714	4,101	4,086	11.8	18.1
Nuclear.....	3,382	3,392	3,467	3,467	3,467	3,467	3,440	3,432	22.4	15.2
Hydroelectric	764	786	741	738	738	759	760	650	5.1	2.9
Other Renewables.....	*	*	-	-	-	-	-	-	*	-
Pumped Storage.....	2,345	2,345	2,345	2,345	2,645	2,638	2,700	2,917	15.6	12.9
Independent Power Producers and Combined Heat and Power	1,404	3,328	3,816	4,325	4,387	4,130	4,939	5,036	9.3	22.3
Coal.....	373	925	1,389	1,353	1,328	1,328	1,329	1,335	2.5	5.9
Petroleum.....	-	12	192	361	361	361	359	359	-	1.6
Natural Gas	531	1,808	1,643	2,021	2,094	1,844	2,654	2,742	3.5	12.1
Hydroelectric	13	21	20	20	20	21	22	22	0.1	0.1
Other Renewables.....	487	562	572	570	584	576	575	577	3.2	2.6
Total Electric Industry.....	15,065	17,670	19,422	20,086	20,205	21,258	22,506	22,599	100.0	100.0
Coal.....	4,598	6,376	6,185	6,137	6,117	5,796	5,797	5,783	30.5	25.6
Petroleum.....	1,173	1,218	2,367	2,541	2,444	2,442	2,457	2,390	7.8	10.6
Natural Gas	2,303	2,970	3,725	4,268	4,191	5,558	6,754	6,828	15.3	30.2
Nuclear.....	3,382	3,392	3,467	3,467	3,467	3,467	3,440	3,432	22.4	15.2
Hydroelectric	778	807	761	758	757	780	782	672	5.2	3.0
Other Renewables.....	487	562	572	570	584	576	575	577	3.2	2.6
Pumped Storage.....	2,345	2,345	2,345	2,345	2,645	2,638	2,700	2,917	15.6	12.9

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Virginia										
Electric Utilities.....	47,200,499	52,727,470	65,842,720	62,135,492	62,880,125	61,806,347	65,103,653	65,456,080	89.8	82.9
Coal.....	21,000,180	24,442,870	33,964,556	30,657,436	31,099,307	29,145,703	27,772,985	28,803,324	40.0	36.5
Petroleum.....	1,194,150	1,119,524	2,408,600	4,854,800	3,454,714	4,982,314	4,664,410	3,809,135	2.3	4.8
Natural Gas.....	758,289	1,880,982	1,839,850	2,130,640	2,128,402	2,690,674	3,976,271	4,414,479	1.4	5.6
Nuclear.....	23,820,152	25,134,831	28,321,091	25,759,130	27,346,163	24,816,022	28,315,294	27,918,481	45.3	35.4
Hydroelectric.....	1,261,363	917,654	649,614	973,563	840,374	1,669,793	1,490,114	1,391,152	2.4	1.8
Other Renewables.....	34	3	-	-	-	-	50,690	540,332	*	0.7
Pumped Storage.....	-833,669	-768,394	-1,340,991	-2,240,077	-1,988,835	-1,498,159	-1,166,111	-1,420,823	-1.6	-1.8
Independent Power Producers and Combined Heat and Power.....	5,363,959	10,268,551	11,346,650	11,969,258	12,125,527	13,503,073	13,796,387	13,486,965	10.2	17.1
Coal.....	2,899,722	4,054,195	5,796,760	7,112,475	6,983,074	7,947,628	7,885,708	6,647,051	5.5	8.4
Petroleum.....	244,114	481,155	529,944	606,813	337,891	798,022	473,080	467,134	0.5	0.6
Natural Gas.....	376,520	3,550,863	2,813,477	2,065,431	2,258,525	1,928,391	2,441,158	3,841,305	0.7	4.9
Other Gases.....	-	-	-	-	-	2,959	-	-	-	-
Hydroelectric.....	48,136	77,372	62,369	40,661	27,842	111,776	92,936	93,201	0.1	0.1
Other Renewables.....	1,795,467	2,099,600	2,144,100	1,747,072	2,071,272	2,261,359	2,414,483	1,957,092	3.4	2.5
Other.....	-	5,366	-	396,806	446,923	452,936	489,023	481,182	-	0.6
Total Electric Industry.....	52,564,458	62,996,021	77,189,370	74,104,750	75,005,652	75,309,420	78,900,040	78,943,045	100.0	100.0
Coal.....	23,899,902	28,497,065	39,761,316	37,769,911	38,082,381	37,093,331	35,658,693	35,450,375	45.5	44.9
Petroleum.....	1,438,264	1,600,679	2,938,544	5,461,613	3,792,605	5,780,336	5,137,490	4,276,269	2.7	5.4
Natural Gas.....	1,134,809	5,431,845	4,653,327	4,196,071	4,386,927	4,619,065	6,417,429	8,255,784	2.2	10.5
Other Gases.....	-	-	-	-	-	2,959	-	-	-	-
Nuclear.....	23,820,152	25,134,831	28,321,091	25,759,130	27,346,163	24,816,022	28,315,294	27,918,481	45.3	35.4
Hydroelectric.....	1,309,499	995,026	711,983	1,014,224	868,216	1,781,569	1,583,050	1,484,353	2.5	1.9
Other Renewables.....	1,795,501	2,099,603	2,144,100	1,747,072	2,071,272	2,261,359	2,465,173	2,497,424	3.4	3.2
Pumped Storage.....	-833,669	-768,394	-1,340,991	-2,240,077	-1,988,835	-1,498,159	-1,166,111	-1,420,823	-1.6	-1.8
Other.....	-	5,366	-	396,806	446,923	452,936	489,023	481,182	-	0.6

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Virginia								
Coal (cents per million Btu)	154.5	144.8	133.0	159.3	169.2	166.5	195.2	232.9
Average heat value (Btu per pound)	12,714	12,743	12,814	12,730	12,845	12,826	12,713	12,650
Average sulfur Content (percent)	1.0	1.0	1.0	1.0	1.2	1.0	0.9	1.0
Petroleum (cents per million Btu)	383.5	250.9	423.9	356.5	380.3	498.7	496.8	761.4
Average heat value (Btu per gallon)	146,360	146,179	151,002	148,810	149,779	149,367	150,757	149,019
Average sulfur Content (percent)	0.9	0.9	1.1	1.0	1.0	0.6	0.8	0.7
Natural Gas (cents per million Btu)	258.2	259.1	451.2	439.8	413.4	617.5	665.3	934.1
Average heat value (Btu per cubic foot)	1,041	1,031	1,034	1,020	1,035	1,035	1,032	1,034

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Virginia								
Sulfur Dioxide								
Coal.....	194	219	226	210	254	200	182	203
Petroleum.....	12	5	16	23	21	25	23	18
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	10	13	13	14	17	12	12	13
Total.....	216	237	254	247	292	237	217	233
Nitrogen Oxide								
Coal.....	107	119	99	84	102	63	54	53
Petroleum.....	3	2	3	8	6	7	5	4
Natural Gas.....	1	5	4	5	3	3	3	3
Other.....	4	5	4	11	13	7	7	7
Total.....	115	132	110	108	125	79	68	66
Carbon Dioxide								
Coal.....	25,864 ^R	31,049 ^R	42,523 ^R	39,239	39,770	38,177	38,303	37,983
Petroleum.....	1,584 ^R	1,751 ^R	2,609 ^R	4,398	3,044	4,658	4,353	3,680
Natural Gas.....	637 ^R	2,853 ^R	2,541 ^R	2,260	2,916	2,344	3,138	5,010
Other Renewables.....	393 ^R	527 ^R	357 ^R	773	875	908	1,008	1,036
Total.....	28,478 ^R	36,181 ^R	48,031 ^R	46,670	46,605	46,087	46,802	47,709

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Virginia										
Retail Sales (thousand megawatthours)										
Residential.....	28,130	33,472	37,541	37,325	40,358	40,877	42,503	44,662	38.7	41.0
Commercial.....	20,213	24,028	28,299	29,066	29,999	41,179	43,025	44,670	27.8	41.0
Industrial.....	16,399	18,554	20,619	19,702	19,521	19,282	19,734	19,354	22.6	17.8
Other.....	7,955	9,109	10,256	10,360	10,740	9,109	NA	NA	10.9	NA
Transportation.....	NA	NA	NA	NA	NA	172	162	163	NA	0.2
All Sectors.....	72,696	85,162	96,715	96,453	100,619	101,510	105,424	108,850	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	2,039	2,626	2,823	2,908	3,144	3,174	3,397	3,645	46.5	50.5
Commercial.....	1,225	1,458	1,598	1,701	1,762	2,365	2,530	2,705	27.9	37.4
Industrial.....	700	772	804	820	807	815	843	863	16.0	11.9
Other.....	422	474	518	535	553	NA	NA	NA	9.6	NA
Transportation.....	NA	NA	NA	NA	NA	9	10	11	NA	0.2
All Sectors.....	4,386	5,331	5,742	5,964	6,265	6,364	6,780	7,223	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.25	7.84	7.52	7.79	7.79	7.76	7.99	8.16	NA	NA
Commercial.....	6.06	6.07	5.65	5.85	5.87	5.74	5.88	6.05	NA	NA
Industrial.....	4.27	4.16	3.90	4.16	4.13	4.23	4.27	4.46	NA	NA
Other.....	5.31	5.21	5.05	5.16	5.14	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	5.46	6.25	6.81	NA	NA
All Sectors.....	6.03	6.26	5.94	6.18	6.23	6.27	6.43	6.64	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	5	16	1	13	1	1	1	38
Number of Retail Customers	2,822,273	161,280	1	443,548	1	1,502	NA	3,428,605
Retail Sales (thousand megawatthours)	94,133	4,950	9	9,584	151	22	NA	108,850
Percentage of Retail Sales	86.48	4.55	0.01	8.80	0.14	0.02	NA	100.00
Revenue from Retail Sales (million dollars)	5,971	318	*	925	7	2	1	7,223
Percentage of Revenue	82.66	4.40	*	12.81	0.10	0.02	0.01	100.00
Average Retail Price (cents/kWh)	6.34	6.41	2.75	9.66	4.67	7.55	2.49	6.64

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Washington		
NERC Region(s).....		WECC
Primary Energy Source.....		Hydroelectric
Net Summer Capability (megawatts).....	27,791	11
Electric Utilities.....	24,066	5
Independent Power Producers & Combined Heat and Power.....	3,725	25
Net Generation (megawatthours).....	101,965,850	14
Electric Utilities.....	83,152,928	14
Independent Power Producers & Combined Heat and Power.....	18,812,924	16
Emissions (thousand metric tons)		
Sulfur Dioxide	11	44
Nitrogen Oxide	26	40
Carbon Dioxide.....	14,907	39
Sulfur Dioxide (lbs/MWh)	0.2	49
Nitrogen Oxide (lbs/MWh)	0.6	49
Carbon Dioxide (lbs/MWh).....	322	49
Total Retail Sales (megawatthours).....	83,425,200	16
Full Service Provider Sales (megawatthours)	81,394,743	16
Deregulated Sales (megawatthours)	2,030,457	13
Direct Use (megawatthours)	573,987	31
Average Retail Price (cents/kWh).....	5.87	47

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Washington			
1. Grand Coulee.....	Hydroelectric	U S Bureau of Reclamation	7,079
2. Chief Joseph	Hydroelectric	USCE-North Pacific Division	2,456
3. Transalta Centralia Generation.....	Coal	TransAlta Centralia Gen LLC	1,661
4. Rocky Reach.....	Hydroelectric	PUD No 1 of Chelan County	1,279
5. Columbia Generating Station	Nuclear	Energy Northwest	1,131
6. Boundary	Hydroelectric	Seattle City of	1,070
7. Wanapum.....	Hydroelectric	PUD No 2 of Grant County	984
8. Priest Rapids	Hydroelectric	PUD No 2 of Grant County	932
9. Wells.....	Hydroelectric	PUD No 1 of Douglas County	840
10. Lower Monumental	Hydroelectric	USCE-North Pacific Division	810
10. Lower Granite.....	Hydroelectric	USCE-North Pacific Division	810
10. Little Goose	Hydroelectric	USCE-North Pacific Division	810

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Washington						
1. Puget Sound Energy Inc	Investor-Owned	20,465,557	10,342,303	8,762,608	1,360,646	0
2. Seattle City of	Public	9,161,466	2,948,779	5,002,047	1,209,818	822
3. Snohomish County PUD No 1	Public	6,305,176	3,188,146	2,266,511	850,519	0
4. Avista Corp.....	Investor-Owned	5,232,594	2,328,295	2,081,166	823,133	0
5. Tacoma City of	Public	4,622,653	1,760,110	348,146	2,513,572	825
Total Sales, Top Five Providers		45,787,446	20,567,633	18,460,478	6,757,688	1,647
Percent of Total State Sales		55	62	66	31	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Washington										
Electric Utilities.....	24,173	24,277	23,840	24,055	24,141	24,216	23,878	24,066	98.5	86.6
Coal.....	1,310	1,340	-	-	-	-	-	-	5.3	-
Petroleum.....	173	88	4	133	40	39	39	39	0.7	0.1
Natural Gas	590	590	955	987	1,146	1,153	1,184	1,141	2.4	4.1
Nuclear.....	1,100	1,107	1,112	1,108	1,108	1,108	1,122	1,131	4.5	4.1
Hydroelectric	20,640	20,795	21,360	21,367	21,392	21,408	21,010	21,082	84.1	75.9
Other Renewables.....	46	97	96	147	142	194	210	360	0.2	1.3
Pumped Storage.....	314	261	314	314	314	314	314	314	1.3	1.1
Independent Power Producers and Combined Heat and Power	372	977	2,225	2,590	2,971	3,473	3,695	3,725	1.5	13.4
Coal.....	16	2	1,355	1,407	1,407	1,407	1,407	1,405	0.1	5.1
Petroleum.....	22	-	-	168	176	176	-	2	0.1	*
Natural Gas	113	736	528	559	938	1,433	1,829	1,853	0.5	6.7
Hydroelectric	89	97	101	86	72	48	60	64	0.4	0.2
Other Renewables.....	132	142	240	370	378	408	399	401	0.5	1.4
Total Electric Industry.....	24,545	25,254	26,065	26,645	27,112	27,689	27,573	27,791	100.0	100.0
Coal.....	1,326	1,342	1,355	1,407	1,407	1,407	1,407	1,405	5.4	5.1
Petroleum.....	196	88	4	301	216	215	39	40	0.8	0.1
Natural Gas	703	1,326	1,483	1,546	2,085	2,586	3,013	2,994	2.9	10.8
Nuclear.....	1,100	1,107	1,112	1,108	1,108	1,108	1,122	1,131	4.5	4.1
Hydroelectric	20,729	20,892	21,461	21,453	21,464	21,457	21,070	21,146	84.5	76.1
Other Renewables.....	178	239	336	517	519	602	609	761	0.7	2.7
Pumped Storage.....	314	261	314	314	314	314	314	314	1.3	1.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Washington										
Electric Utilities.....	100,478,861	95,671,478	96,227,037	67,683,216	88,568,483	82,205,391	83,500,909	83,152,928	98.4	81.5
Coal.....	7,351,520	5,877,093	3,284,393	-	-	-	-	-	7.2	-
Petroleum.....	14,290	8,711	226,078	179,120	6,172	7,851	13,112	2,416	*	*
Natural Gas.....	15,501	554,405	3,749,232	4,378,072	1,084,370	2,256,386	2,286,578	2,155,528	*	2.1
Nuclear.....	5,742,027	6,941,878	8,605,232	8,250,429	9,048,475	7,614,708	8,981,583	8,242,273	5.6	8.1
Hydroelectric.....	87,022,217	82,028,297	79,999,928	54,517,234	77,833,286	71,540,502	71,393,131	71,894,440	85.3	70.5
Other Renewables.....	333,306	261,094	362,174	358,361	600,712	789,237	836,323	849,798	0.3	0.8
Pumped Storage.....	-	-	-	-	-4,532	-3,293	-9,818	8,473	-	*
Independent Power Producers and Combined Heat and Power.....	1,592,672	6,526,108	12,009,843	15,365,453	14,196,564	17,889,300	18,664,143	18,812,922	1.6	18.5
Coal.....	38,759	25,852	6,160,171	9,082,358	8,660,804	11,089,796	10,413,457	10,506,174	*	10.3
Petroleum.....	28,691	170,204	258,434	141,239	67,130	58,741	68,241	61,765	*	0.1
Natural Gas.....	272,557	4,335,199	3,950,994	4,996,173	3,634,941	4,826,219	6,193,097	6,425,769	0.3	6.3
Other Gases.....	8,460	550,836	247,892	-	312,638	303,188	256,823	308,082	*	0.3
Hydroelectric.....	444,491	471,856	262,961	216,661	333,378	216,281	182,569	180,209	0.4	0.2
Other Renewables.....	795,964	971,982	1,129,391	862,970	1,123,454	1,339,068	1,483,092	1,266,103	0.8	1.2
Other.....	3,750	179	-	66,052	64,219	56,007	66,864	64,822	*	0.1
Total Electric Industry.....	102,071,533	102,197,586	108,236,880	83,048,669	102,765,047	100,094,691	102,165,052	101,965,850	100.0	100.0
Coal.....	7,390,279	5,902,945	9,444,564	9,082,358	8,660,804	11,089,796	10,413,457	10,506,174	7.2	10.3
Petroleum.....	42,981	178,915	484,512	320,359	73,302	66,592	81,353	64,181	*	0.1
Natural Gas.....	288,058	4,889,604	7,700,226	9,374,245	4,719,311	7,082,605	8,479,675	8,581,297	0.3	8.4
Other Gases.....	8,460	550,836	247,892	-	312,638	303,188	256,823	308,082	*	0.3
Nuclear.....	5,742,027	6,941,878	8,605,232	8,250,429	9,048,475	7,614,708	8,981,583	8,242,273	5.6	8.1
Hydroelectric.....	87,466,708	82,500,153	80,262,889	54,733,895	78,166,664	71,756,783	71,575,700	72,074,649	85.7	70.7
Other Renewables.....	1,129,270	1,233,076	1,491,565	1,221,331	1,724,166	2,128,305	2,319,415	2,115,901	1.1	2.1
Pumped Storage.....	-	-	-	-	-4,532	-3,293	-9,818	8,473	-	*
Other.....	3,750	179	-	66,052	64,219	56,007	66,864	64,822	*	0.1

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Washington								
Coal (cents per million Btu)	157.6	143.6	168.8	-	W	W	W	W
Average heat value (Btu per pound)	8,135	8,267	8,310	-	8,014	8,052	8,151	8,131
Average sulfur Content (percent)	0.7	0.7	0.7	-	1.0	1.0	0.9	0.8
Petroleum (cents per million Btu)	511.0	484.9	664.0	-	W	W	W	W
Average heat value (Btu per gallon)	140,948	139,952	140,000	-	137,098	145,438	139,331	137,340
Average sulfur Content (percent)	0.3	0.3	0.3	-	0.3	0.3	0.9	0.6
Natural Gas (cents per million Btu)	-	438.2	-	-	354.2	415.3	456.8	649.3
Average heat value (Btu per cubic foot)	-	1,050	-	-	1,034	1,029	1,029	1,027

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Washington								
Sulfur Dioxide								
Coal.....	57	45	77	63	18	8	7	4
Petroleum.....	2	1	1	1	2	1	1	1
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	9	8	7	7	6	7	7	7
Total.....	68	54	86	71	25	16	15	11
Nitrogen Oxide								
Coal.....	50	40	19	18	14	18	14	15
Petroleum.....	*	*	1	1	*	*	*	*
Natural Gas.....	1	6	9	12	5	7	5	5
Other.....	3	3	3	5	5	5	5	5
Total.....	55	49	31	36	24	31	24	26
Carbon Dioxide								
Coal.....	7,788 ^R	6,275 ^R	10,012 ^R	9,413	9,538	11,215	10,653	10,690
Petroleum.....	159 ^R	237 ^R	585 ^R	478	277	304	351	316
Natural Gas.....	459 ^R	2,884 ^R	4,813 ^R	5,474	2,598	3,429	3,853	3,783
Other Renewables.....	-	121 ^R	113 ^R	123	110	96	119	119
Total.....	8,407 ^R	9,516 ^R	15,523 ^R	15,488	12,523	15,043	14,976	14,907

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Washington										
Retail Sales (thousand megawatthours)										
Residential.....	28,809	30,147	33,036	31,608	32,066	31,872	32,455	33,212	31.6	39.8
Commercial.....	17,683	20,401	23,991	23,841	24,310	28,039	28,226	28,100	19.4	33.7
Industrial.....	40,712	34,276	35,410	19,339	15,792	18,180	19,259	22,112	44.7	26.5
Other.....	3,842	3,528	4,075	3,707	3,237	NA	NA	NA	4.2	NA
Transportation.....	NA	NA	NA	NA	NA	42	42	2	NA	*
All Sectors.....	91,046	88,353	96,511	78,495	75,404	78,134	79,982	83,425	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	1,266	1,497	1,695	1,802	2,018	2,010	2,069	2,173	40.9	44.4
Commercial.....	734	982	1,166	1,298	1,485	1,701	1,742	1,778	23.7	36.3
Industrial.....	972	1,014	1,170	919	770	866	825	943	31.4	19.3
Other.....	120	132	149	174	160	NA	NA	NA	3.9	NA
Transportation.....	NA	NA	NA	NA	NA	3	3	*	NA	*
All Sectors.....	3,092	3,626	4,180	4,193	4,433	4,580	4,638	4,894	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	4.39	4.97	5.13	5.70	6.29	6.31	6.37	6.54	NA	NA
Commercial.....	4.15	4.82	4.86	5.45	6.11	6.07	6.17	6.33	NA	NA
Industrial.....	2.39	2.96	3.30	4.75	4.88	4.76	4.28	4.27	NA	NA
Other.....	3.13	3.75	3.65	4.69	4.94	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	6.45	6.44	6.44	NA	NA
All Sectors.....	3.40	4.10	4.33	5.34	5.88	5.86	5.80	5.87	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	3	40	1	18	NA	3	1	66
Number of Retail Customers	1,353,955	1,512,268	11	152,773	NA	17	NA	3,019,024
Retail Sales (thousand megawatthours)	29,943	44,363	3,325	3,764	NA	2,030	NA	83,425
Percentage of Retail Sales	35.89	53.18	3.99	4.51	NA	2.43	NA	100.00
Revenue from Retail Sales (million dollars)	1,978	2,496	93	214	NA	105	9	4,894
Percentage of Revenue	40.42	50.99	1.89	4.37	NA	2.15	0.18	100.00
Average Retail Price (cents/kWh)	6.61	5.63	2.78	5.68	NA	5.17	0.44	5.87

Washington

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.

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

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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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
West Virginia		
NERC Region(s).....		ECAR/SERC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	16,460	24
Electric Utilities.....	10,427	23
Independent Power Producers & Combined Heat and Power.....	6,033	19
Net Generation (megawatthours).....	93,626,286	18
Electric Utilities.....	61,241,831	17
Independent Power Producers & Combined Heat and Power.....	32,384,455	11
Emissions (thousand metric tons)		
Sulfur Dioxide	440	9
Nitrogen Oxide	148	7
Carbon Dioxide.....	84,795	9
Sulfur Dioxide (lbs/MWh)	10.4	5
Nitrogen Oxide (lbs/MWh)	3.5	14
Carbon Dioxide (lbs/MWh).....	1,997	9
Total Retail Sales (megawatthours).....	30,152,069	35
Full Service Provider Sales (megawatthours)	30,152,069	35
Direct Use (megawatthours)	1,364,199	20
Average Retail Price (cents/kWh).....	5.15	49

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
West Virginia			
1. John E Amos.....	Coal	Appalachian Power Co	2,900
2. Harrison Power Station.....	Coal	Allegheny Energy Supply Co LLC	1,933
3. Mitchell.....	Coal	Ohio Power Co	1,600
4. Mt Storm.....	Coal	Dominion Virginia Power	1,581
5. Mountaineer.....	Coal	Appalachian Power Co	1,300
6. Pleasants Power Station.....	Coal	Allegheny Energy Supply Co LLC	1,278
7. Fort Martin Power Station.....	Coal	Allegheny Energy Supply Co LLC	1,107
8. Philip Sporn	Coal	Appalachian Power Co	1,020
9. Ceredo Generating Station	Gas	Appalachian Power Co	696
10. Kammer	Coal	Ohio Power Co	600

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
West Virginia						
1. Appalachian Power Co	Investor-Owned	13,925,854	5,764,671	3,656,339	4,504,844	0
2. Monongahela Power Co	Investor-Owned	10,633,821	3,396,672	2,564,959	4,667,768	4,422
3. Potomac Edison Co	Investor-Owned	3,154,569	1,614,150	734,363	806,056	0
4. Wheeling Power Co.....	Investor-Owned	2,144,090	429,075	413,919	1,301,096	0
5. Harrison Rural Elec Assn, Inc	Cooperative	63,543	52,575	10,968	0	0
Total Sales, Top Five Providers		29,921,877	11,257,143	7,380,548	11,279,764	4,422
Percent of Total State Sales		99	99	99	100	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
West Virginia										
Electric Utilities.....	14,435	14,451	14,475	10,188	10,166	10,164	10,206	10,427	96.8	63.3
Coal.....	14,315	14,381	14,413	10,126	10,108	10,108	10,108	10,118	96.0	61.5
Petroleum.....	12	12	12	12	12	12	12	12	0.1	0.1
Natural Gas	-	-	-	-	-	-	-	234	-	1.4
Hydroelectric	108	58	50	50	46	44	86	63	0.7	0.4
Independent Power Producers and Combined Heat and Power	483	560	615	5,629	6,014	5,960	6,196	6,033	3.2	36.7
Coal.....	307	384	305	4,577	4,608	4,608	4,615	4,615	2.1	28.0
Natural Gas	11	11	26	764	1,056	1,056	1,282	1,152	0.1	7.0
Other Gases.....	25	25	93	95	95	95	95	-	0.2	-
Hydroelectric	140	140	190	193	189	135	138	201	0.9	1.2
Other Renewables.....	-	-	-	-	66	66	66	66	-	0.4
Total Electric Industry	14,918	15,011	15,090	15,817	16,180	16,124	16,402	16,460	100.0	100.0
Coal.....	14,622	14,765	14,718	14,703	14,716	14,716	14,723	14,733	98.0	89.5
Petroleum.....	12	12	12	12	12	12	12	12	0.1	0.1
Natural Gas	11	11	26	764	1,056	1,056	1,282	1,386	0.1	8.4
Other Gases.....	25	25	93	95	95	95	95	-	0.2	-
Hydroelectric	247	198	240	243	235	179	224	264	1.7	1.6
Other Renewables.....	-	-	-	-	66	66	66	66	-	0.4

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005

(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
West Virginia										
Electric Utilities.....	77,363,692	77,322,168	89,708,609	51,608,803	63,341,620	64,056,696	59,083,917	61,241,831	97.3	65.4
Coal.....	76,635,718	76,690,297	89,060,210	51,110,900	62,801,799	63,499,194	58,508,159	60,581,576	96.3	64.7
Petroleum.....	274,419	197,097	254,014	256,951	278,679	210,060	231,515	173,196	0.3	0.2
Natural Gas.....	18,506	40,323	41,941	3,654	3,396	3,998	3,166	3,215	*	*
Hydroelectric.....	435,049	394,451	338,012	210,961	235,958	322,664	326,253	471,916	0.5	0.5
Other Renewables.....	-	-	14,432	15,527	5,019	3,728	2,071	713	-	*
Other.....	-	-	-	10,810	16,769	17,052	12,753	11,215	-	*
Independent Power Producers and Combined Heat and Power.....	2,175,852	3,215,259	3,156,567	30,227,922	31,420,133	30,654,858	30,665,645	32,384,455	2.7	34.6
Coal.....	1,007,648	2,023,922	2,142,099	29,103,504	30,149,518	28,969,789	29,080,683	30,837,980	1.3	32.9
Petroleum.....	51,256	15,681	8,739	21,725	18,908	37,837	36,100	50,356	0.1	0.1
Natural Gas.....	71,557	172,551	97,578	272,211	237,745	273,839	249,602	282,181	0.1	0.3
Other Gases.....	174,182	204,663	95,064	89,500	174,598	169,782	146,043	84,396	0.2	0.1
Hydroelectric.....	860,002	798,228	812,891	740,982	829,778	1,033,367	992,026	975,650	1.1	1.0
Other Renewables.....	-	-	-	-	9,586	170,242	161,191	153,892	-	0.2
Other.....	11,207	214	196	-	-	-	-	-	*	-
Total Electric Industry.....	79,539,544	80,537,427	92,865,176	81,836,725	94,761,753	94,711,554	89,749,562	93,626,286	100.0	100.0
Coal.....	77,643,366	78,714,219	91,202,309	80,214,404	92,951,317	92,468,983	87,588,842	91,419,556	97.6	97.6
Petroleum.....	325,675	212,778	262,753	278,676	297,587	247,897	267,615	223,552	0.4	0.2
Natural Gas.....	90,063	212,874	139,519	275,865	241,141	277,837	252,768	285,396	0.1	0.3
Other Gases.....	174,182	204,663	95,064	89,500	174,598	169,782	146,043	84,396	0.2	0.1
Hydroelectric.....	1,295,051	1,192,679	1,150,903	951,943	1,065,736	1,356,031	1,318,279	1,447,566	1.6	1.5
Other Renewables.....	-	-	14,432	15,527	14,605	173,970	163,262	154,605	-	0.2
Other.....	11,207	214	196	10,810	16,769	17,052	12,753	11,215	*	*

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
West Virginia								
Coal (cents per million Btu)	147.2	127.3	120.4	125.0	120.6	124.6	135.1	W
Average heat value (Btu per pound)	12,452	12,418	12,281	12,085	12,103	12,166	12,061	11,976
Average sulfur Content (percent)	1.9	2.0	1.4	1.2	1.7	1.7	1.8	1.8
Petroleum (cents per million Btu)	572.4	438.9	721.3	665.7	543.1	724.6	784.9	959.5
Average heat value (Btu per gallon)	139,293	138,988	139,324	137,143	122,840	140,526	140,943	141,667
Average sulfur Content (percent)	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.6
Natural Gas (cents per million Btu)	513.3	357.6	498.1	646.5	385.4	632.7	633.0	859.4
Average heat value (Btu per cubic foot)	1,000	1,000	1,000	1,020	1,026	1,024	1,028	1,029

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
West Virginia								
Sulfur Dioxide								
Coal	876	754	556	618	478	506	446	438
Petroleum	1	*	1	3	1	*	*	1
Natural Gas	*	*	*	*	*	*	*	*
Other	-	-	*	*	*	*	*	*
Total	878	755	557	622	478	507	447	440
Nitrogen Oxide								
Coal	305	275	246	274	207	193	159	147
Petroleum	1	*	*	1	*	*	*	*
Natural Gas	*	1	1	1	3	*	*	*
Other	-	*	*	1	3	1	*	*
Total	306	276	247	277	213	194	160	148
Carbon Dioxide								
Coal	70,830 ^R	73,078 ^R	83,687 ^R	74,136	85,981	84,958	81,244	84,058
Petroleum	352 ^R	213 ^R	245 ^R	182	212	189	223	281
Natural Gas	169 ^R	513 ^R	446 ^R	495	353	416	584	444
Other Renewables	-	-	-	11	13	14	13	12
Total	71,352 ^R	73,805 ^R	84,378 ^R	74,824	86,558	85,578	82,064	84,795

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
West Virginia										
Retail Sales (thousand megawatthours)										
Residential	7,578	9,166	9,738	9,828	10,444	10,473	10,756	11,384	32.8	37.8
Commercial	4,991	5,852	6,796	6,786	7,039	7,136	7,217	7,452	21.6	24.7
Industrial	10,469	10,867	11,083	10,978	10,902	10,687	10,942	11,312	45.3	37.5
Other	94	92	76	78	78	NA	NA	NA	0.4	NA
Transportation	NA	NA	NA	NA	NA	NA	4	4	NA	*
All Sectors	23,132	25,977	27,693	27,669	28,463	28,297	28,919	30,152	100.0	100.0
Retail Revenue (million dollars)										
Residential	447	596	610	616	651	654	670	706	40.8	45.5
Commercial	267	343	371	369	381	389	394	412	24.4	26.5
Industrial	373	438	417	410	415	408	419	435	34.1	28.0
Other	8	9	8	8	8	NA	NA	NA	0.7	NA
Transportation	NA	NA	NA	NA	NA	NA	*	*	NA	*
All Sectors	1,095	1,386	1,405	1,403	1,455	1,450	1,483	1,554	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential	5.90	6.50	6.27	6.26	6.23	6.24	6.23	6.21	NA	NA
Commercial	5.36	5.86	5.46	5.44	5.41	5.45	5.46	5.53	NA	NA
Industrial	3.56	4.03	3.76	3.74	3.81	3.81	3.83	3.85	NA	NA
Other	8.19	9.36	9.88	10.36	10.01	NA	NA	NA	NA	NA
Transportation	NA	NA	NA	NA	NA	NA	5.70	6.08	NA	NA
All Sectors	4.73	5.34	5.07	5.07	5.11	5.13	5.13	5.15	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	11	2	NA	3	1	NA	NA	17
Number of Retail Customers	975,981	3,473	NA	9,654	2	NA	NA	989,110
Retail Sales (thousand megawatthours)	29,958	69	NA	104	22	NA	NA	30,152
Percentage of Retail Sales	99.36	0.23	NA	0.34	0.07	NA	NA	100.00
Revenue from Retail Sales (million dollars)	1,539	5	NA	10	1	NA	NA	1,554
Percentage of Revenue	99.02	0.30	NA	0.64	0.04	NA	NA	100.00
Average Retail Price (cents/kWh)	5.14	6.76	NA	9.55	3.19	NA	NA	5.15

West Virginia

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Wisconsin		
NERC Region(s).....		ECAR/MAIN/MRO
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	16,208	25
Electric Utilities.....	13,434	19
Independent Power Producers & Combined Heat and Power.....	2,773	31
Net Generation (megawatthours).....	61,824,664	23
Electric Utilities.....	55,169,108	18
Independent Power Producers & Combined Heat and Power.....	6,655,556	33
Emissions (thousand metric tons)		
Sulfur Dioxide	214	18
Nitrogen Oxide	81	22
Carbon Dioxide.....	53,969	18
Sulfur Dioxide (lbs/MWh)	7.6	12
Nitrogen Oxide (lbs/MWh)	2.9	20
Carbon Dioxide (lbs/MWh).....	1,925	11
Total Retail Sales (megawatthours)	70,335,683	21
Full Service Provider Sales (megawatthours)	70,335,683	20
Direct Use (megawatthours)	4,119,332	8
Average Retail Price (cents/kWh).....	7.48	24

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Wisconsin			
1. Pleasant Prairie	Coal	Wisconsin Electric Power Co	1,226
2. South Oak Creek.....	Coal	Wisconsin Electric Power Co	1,153
3. Columbia	Coal	Wisconsin Power & Light Co	1,109
4. Point Beach.....	Nuclear	Wisconsin Electric Power Co	1,041
5. Edgewater	Coal	Wisconsin Power & Light Co	810
6. Riverside Energy Center.....	Gas	Rock River Energy LLC	598
7. Port Washington Generating Station	Gas	Wisconsin Electric Power Co	575
8. Kewaunee	Nuclear	Dominion Energy Kewaunee Inc.	556
9. Weston	Coal	Wisconsin Public Service Corp	549
10. RockGen Energy Center.....	Gas	RockGen Energy LLC	474

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Wisconsin						
1. Wisconsin Electric Power Co.....	Investor-Owned	25,952,342	8,224,010	8,789,668	8,938,664	0
2. Wisconsin Public Service Corp.....	Investor-Owned	10,745,759	3,070,155	3,632,626	4,042,978	0
3. Wisconsin Power & Light Co.....	Investor-Owned	10,539,095	3,516,476	2,291,171	4,731,448	0
4. Northern States Power Co.....	Investor-Owned	6,007,310	1,872,558	2,673,316	1,461,436	0
5. Madison Gas & Electric Co.....	Investor-Owned	3,282,314	842,760	2,140,902	298,652	0
Total Sales, Top Five Providers.....		56,526,820	17,525,959	19,527,683	19,473,178	0
Percent of Total State Sales.....		80	78	87	77	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Wisconsin										
Electric Utilities.....	10,558	11,536	12,212	12,248	12,511	12,568	12,405	13,434	95.9	82.9
Coal.....	7,120	7,204	7,184	7,170	7,186	7,123	6,856	6,855	64.7	42.3
Petroleum.....	784	796	1,086	1,072	1,156	783	759	772	7.1	4.8
Natural Gas.....	597	1,551	1,901	1,974	2,168	2,634	2,689	3,697	5.4	22.8
Nuclear.....	1,509	1,453	1,510	1,510	1,510	1,565	1,586	1,582	13.7	9.8
Hydroelectric.....	443	427	460	450	425	427	431	436	4.0	2.7
Other Renewables.....	106	106	71	72	66	37	84	92	1.0	0.6
Independent Power Producers and Combined Heat and Power.....	452	584	1,381	1,856	1,726	1,740	2,330	2,773	4.1	17.1
Coal.....	315	408	434	323	313	316	277	291	2.9	1.8
Petroleum.....	5	3	5	12	3	3	3	16	*	0.1
Natural Gas.....	35	55	802	1,262	1,136	1,145	1,744	2,169	0.3	13.4
Hydroelectric.....	46	53	51	66	69	51	51	51	0.4	0.3
Other Renewables.....	51	65	90	173	184	205	233	225	0.5	1.4
Other.....	-	-	-	21	21	21	21	21	-	0.1
Total Electric Industry.....	11,009	12,119	13,594	14,103	14,237	14,309	14,734	16,208	100.0	100.0
Coal.....	7,435	7,612	7,618	7,493	7,500	7,439	7,133	7,146	67.5	44.1
Petroleum.....	789	798	1,091	1,084	1,159	786	762	789	7.2	4.9
Natural Gas.....	632	1,606	2,703	3,235	3,304	3,779	4,433	5,866	5.7	36.2
Nuclear.....	1,509	1,453	1,510	1,510	1,510	1,565	1,586	1,582	13.7	9.8
Hydroelectric.....	489	480	511	516	494	478	482	487	4.4	3.0
Other Renewables.....	156	170	161	245	250	241	317	318	1.4	2.0
Other.....	-	-	-	21	21	21	21	21	-	0.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Wisconsin										
Electric Utilities.....	45,550,958	51,012,390	55,665,471	54,959,426	54,773,666	56,068,698	56,142,364	55,169,108	95.4	89.2
Coal.....	32,144,557	36,863,872	41,057,919	40,185,649	38,583,501	40,579,973	40,981,609	40,506,086	67.3	65.5
Petroleum.....	47,444	147,493	191,091	170,443	162,990	185,625	494,535	470,219	0.1	0.8
Natural Gas.....	169,378	648,912	891,998	868,225	973,287	1,131,999	711,519	2,450,224	0.4	4.0
Nuclear.....	11,225,913	10,969,606	11,512,078	11,507,078	12,448,813	12,215,463	11,887,849	9,920,991	23.5	16.0
Hydroelectric.....	1,791,037	2,097,101	1,744,201	1,887,555	2,282,883	1,623,369	1,748,442	1,498,881	3.7	2.4
Other Renewables.....	172,629	285,406	262,984	180,513	179,399	194,031	227,684	230,399	0.4	0.4
Pumped Storage.....	-	-	5,200	-	-	-	-	-	-	-
Other.....	-	-	-	159,963	142,793	138,238	90,726	92,308	-	0.1
Independent Power Producers and Combined Heat and Power.....	2,217,899	2,910,741	3,978,946	3,804,005	3,657,772	4,053,726	4,302,569	6,655,556	4.6	10.8
Coal.....	1,024,384	1,229,562	1,245,024	1,067,807	1,223,983	1,137,243	1,159,287	1,142,924	2.1	1.8
Petroleum.....	132,013	237,671	256,346	277,340	259,688	287,162	257,040	254,011	0.3	0.4
Natural Gas.....	177,826	359,692	1,345,477	1,365,740	1,103,026	1,346,392	1,683,392	3,926,228	0.4	6.4
Hydroelectric.....	223,375	281,371	241,433	168,689	232,134	219,926	232,234	241,338	0.5	0.4
Other Renewables.....	660,301	801,861	890,666	921,697	836,193	1,031,693	947,726	1,064,178	1.4	1.7
Other.....	-	584	-	2,732	2,748	31,310	22,890	26,877	-	*
Total Electric Industry.....	47,768,857	53,923,131	59,644,417	58,763,431	58,431,438	60,122,424	60,444,933	61,824,664	100.0	100.0
Coal.....	33,168,941	38,093,434	42,302,943	41,253,456	39,807,484	41,717,216	42,140,896	41,649,010	69.4	67.4
Petroleum.....	179,457	385,164	447,437	447,783	422,678	472,787	751,575	724,230	0.4	1.2
Natural Gas.....	347,204	1,008,604	2,237,475	2,233,965	2,076,313	2,478,391	2,394,911	6,376,452	0.7	10.3
Nuclear.....	11,225,913	10,969,606	11,512,078	11,507,078	12,448,813	12,215,463	11,887,849	9,920,991	23.5	16.0
Hydroelectric.....	2,014,412	2,378,472	1,985,634	2,056,244	2,515,017	1,843,295	1,980,676	1,740,219	4.2	2.8
Other Renewables.....	832,930	1,087,267	1,153,650	1,102,210	1,015,593	1,225,724	1,175,411	1,294,578	1.7	2.1
Pumped Storage.....	-	-	5,200	-	-	-	-	-	-	-
Other.....	-	584	-	162,695	145,540	169,548	113,615	119,185	-	0.2

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Wisconsin								
Coal (cents per million Btu)	135.8	113.5	101.7	104.6	112.2	W	W	W
Average heat value (Btu per pound)	9,642	9,351	9,165	9,500	9,089	9,006	9,030	9,088
Average sulfur Content (percent)	0.8	0.5	0.4	0.4	0.4	0.4	0.4	0.4
Petroleum (cents per million Btu)	526.1	176.5	87.8	145.9	W	W	W	W
Average heat value (Btu per gallon)	139,200	95,883	74,440	139,048	133,712	134,343	135,093	135,238
Average sulfur Content (percent)	0.4	3.7	5.2	4.9	5.2	5.4	5.5	5.3
Natural Gas (cents per million Btu)	292.7	220.7	444.5	472.6	353.7	581.8	639.3	862.1
Average heat value (Btu per cubic foot)	1,007	1,009	1,008	1,010	999	1,002	1,002	1,012

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Wisconsin								
Sulfur Dioxide								
Coal.....	293	211	227	225	474	215	195	193
Petroleum.....	8	17	15	18	52	9	21	14
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	17	8	10	62	99	9	7	7
Total.....	318	236	252	305	625	232	223	214
Nitrogen Oxide								
Coal.....	181	188	108	117	239	83	78	70
Petroleum.....	1	1	1	3	6	2	3	2
Natural Gas.....	1	3	2	7	59	3	2	3
Other.....	5	3	4	27	45	6	6	6
Total.....	188	196	115	155	349	93	89	81
Carbon Dioxide								
Coal.....	36,117 ^R	41,137 ^R	48,227 ^R	46,177	46,199	45,561	46,495	48,831
Petroleum.....	432 ^R	747 ^R	859 ^R	930	929	933	1,319	1,332
Natural Gas.....	391 ^R	1,118 ^R	1,768 ^R	1,758	1,547	1,754	1,904	3,704
Other Renewables.....	63 ^R	59 ^R	26 ^R	170	164	176	139	103
Total.....	37,003 ^R	43,061 ^R	50,881 ^R	49,035	48,839	48,424	49,858	53,969

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Wisconsin										
Retail Sales (thousand megawatthours)										
Residential.....	16,385	18,635	19,929	20,418	21,575	21,364	21,192	22,458	33.3	31.9
Commercial.....	12,698	14,893	18,321	18,678	19,144	20,056	19,349	22,501	25.8	32.0
Industrial.....	19,405	23,690	26,162	25,370	25,534	25,821	27,435	25,376	39.4	36.1
Other.....	710	749	734	752	746	NA	NA	NA	1.4	NA
All Sectors.....	49,198	57,967	65,146	65,218	66,999	67,241	67,976	70,336	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	1,087	1,298	1,502	1,612	1,765	1,853	1,922	2,171	41.2	41.2
Commercial.....	733	861	1,104	1,185	1,253	1,397	1,401	1,726	27.8	32.8
Industrial.....	774	896	1,057	1,107	1,131	1,217	1,353	1,368	29.3	26.0
Other.....	46	51	54	58	60	NA	NA	NA	1.7	NA
All Sectors.....	2,641	3,106	3,717	3,962	4,209	4,468	4,677	5,264	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	6.63	6.97	7.53	7.90	8.18	8.67	9.07	9.66	NA	NA
Commercial.....	5.78	5.78	6.03	6.34	6.54	6.97	7.24	7.67	NA	NA
Industrial.....	3.99	3.78	4.04	4.36	4.43	4.71	4.93	5.39	NA	NA
Other.....	6.47	6.85	7.40	7.70	8.08	NA	NA	NA	NA	NA
All Sectors.....	5.37	5.36	5.71	6.08	6.28	6.64	6.88	7.48	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	12	82	NA	24	1	NA	NA	119
Number of Retail Customers	2,334,420	265,492	NA	245,378	2	NA	NA	2,845,292
Retail Sales (thousand megawatthours)	58,899	7,948	NA	3,487	2	NA	NA	70,336
Percentage of Retail Sales	83.74	11.30	NA	4.96	*	NA	NA	100.00
Revenue from Retail Sales (million dollars)	4,428	522	NA	313	*	NA	NA	5,264
Percentage of Revenue	84.13	9.92	NA	5.95	*	NA	NA	100.00
Average Retail Price (cents/kWh)	7.52	6.57	NA	8.99	4.00	NA	NA	7.48

Wisconsin

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	U.S. Rank
Wyoming		
NERC Region(s).....		MRO/WECC
Primary Energy Source.....		Coal
Net Summer Capability (megawatts).....	6,707	37
Electric Utilities.....	6,142	30
Independent Power Producers & Combined Heat and Power.....	565	45
Net Generation (megawatthours).....	45,567,307	32
Electric Utilities.....	44,031,568	23
Independent Power Producers & Combined Heat and Power.....	1,535,739	43
Emissions (thousand metric tons)		
Sulfur Dioxide	88	27
Nitrogen Oxide	82	19
Carbon Dioxide.....	45,431	22
Sulfur Dioxide (lbs/MWh)	4.2	23
Nitrogen Oxide (lbs/MWh)	4.0	8
Carbon Dioxide (lbs/MWh).....	2,198	3
Total Retail Sales (megawatthours)	14,137,727	40
Full Service Provider Sales (megawatthours)	14,137,727	40
Direct Use (megawatthours)	320,549	38
Average Retail Price (cents/kWh).....	5.16	48

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Wyoming			
1. Jim Bridger	Coal	PacifiCorp	2,120
2. Laramie River Station.....	Coal	Basin Electric Power Coop	1,705
3. Dave Johnston.....	Coal	PacifiCorp	762
4. Naughton	Coal	PacifiCorp	700
5. Wyodak.....	Coal	PacifiCorp	335
6. Wyoming Wind Energy Center	Other Renewables	FPL Energy Wyoming Wind LLC	144
7. Neil Simpson II.....	Coal	Black Hills Corp	114
8. Shute Creek Facility	Other Gases	Exxon Mobil Production Co	92
9. Wygen I.....	Coal	Black Hills Corp	70
10. Fremont Canyon	Hydroelectric	U S Bureau of Reclamation	67

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Wyoming						
1. PacifiCorp.....	Investor-Owned	8,012,902	938,810	1,302,202	5,771,890	0
2. Powder River Energy Corp	Cooperative	2,104,438	160,151	975,719	968,568	0
3. Cheyenne Light Fuel & Power Co	Investor-Owned	930,515	260,557	520,505	149,453	0
4. High Plains Power, Inc	Cooperative	837,637	127,376	50,369	659,892	0
5. Lower Valley Energy Inc	Cooperative	563,499	318,386	233,961	11,152	0
Total Sales, Top Five Providers		12,448,991	1,805,280	3,082,756	7,560,955	0
Percent of Total State Sales		88	76	82	94	0

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Wyoming										
Electric Utilities.....	5,809	5,970	6,048	6,052	6,122	6,088	6,086	6,142	98.3	91.6
Coal.....	5,525	5,662	5,710	5,710	5,692	5,692	5,692	5,747	93.5	85.7
Petroleum.....	15	15	-	5	5	5	5	5	0.2	0.1
Natural Gas	-	-	34	34	119	85	80	79	-	1.2
Hydroelectric	269	294	298	297	300	300	303	303	4.6	4.5
Other Renewables.....	-	-	6	6	6	6	6	9	-	0.1
Independent Power Producers and Combined Heat and Power	100	91	183	271	226	474	473	565	1.7	8.4
Coal.....	28	28	28	30	30	100	100	100	0.5	1.5
Petroleum.....	1	-	4	7	4	4	2	2	*	*
Natural Gas	48	50	51	99	58	92	81	81	0.8	1.2
Other Gases.....	5	3	-	-	-	-	-	92	0.1	1.4
Other Renewables.....	8	-	90	135	135	279	279	279	0.1	4.2
Other	11	11	11	-	-	-	12	12	0.2	0.2
Total Electric Industry.....	5,909	6,062	6,231	6,323	6,348	6,562	6,558	6,707	100.0	100.0
Coal.....	5,553	5,690	5,738	5,740	5,722	5,792	5,792	5,847	94.0	87.2
Petroleum.....	16	15	4	12	8	8	6	6	0.3	0.1
Natural Gas	48	50	85	133	177	177	161	160	0.8	2.4
Other Gases.....	5	3	-	-	-	-	-	92	0.1	1.4
Hydroelectric	269	294	298	297	300	300	303	303	4.6	4.5
Other Renewables.....	8	-	96	141	141	285	285	287	0.1	4.3
Other	11	11	11	-	-	-	12	12	0.2	0.2

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Wyoming										
Electric Utilities.....	39,378,154	39,683,722	44,585,709	43,764,015	42,532,420	42,261,405	43,059,537	44,031,568	98.5	96.6
Coal.....	38,681,220	38,804,539	43,355,361	42,560,578	41,685,278	41,490,825	42,372,775	43,112,061	96.8	94.6
Petroleum.....	45,561	67,673	35,159	33,744	38,686	41,567	43,450	40,311	0.1	0.1
Natural Gas.....	6,760	13,007	184,154	274,383	205,791	119,729	35,207	55,805	*	0.1
Hydroelectric.....	644,613	798,503	1,011,035	879,111	583,615	593,555	593,147	808,375	1.6	1.8
Other Renewables.....	-	-	-	16,199	19,050	15,729	14,958	15,016	-	*
Independent Power Producers and Combined Heat and Power.....	596,811	567,887	908,571	1,012,923	1,251,419	1,365,197	1,748,068	1,535,739	1.5	3.4
Coal.....	227,247	191,836	218,747	228,732	237,883	850,627	972,943	233,624	0.6	0.5
Petroleum.....	3,644	2,632	3,007	2,352	1,418	3,354	2,441	1,984	*	*
Natural Gas.....	261,442	309,443	354,982	317,459	507,289	160,467	51,681	269,177	0.7	0.6
Other Gases.....	8,642	9,230	9,353	7,511	-	-	12,746	263,586	*	0.6
Other Renewables.....	50,440	-	245,911	348,960	428,280	350,749	601,557	702,248	0.1	1.5
Other.....	45,396	54,746	76,571	107,909	76,549	-	106,700	65,120	0.1	0.1
Total Electric Industry.....	39,974,965	40,251,609	45,494,280	44,776,938	43,783,839	43,626,602	44,807,605	45,567,307	100.0	100.0
Coal.....	38,908,467	38,996,375	43,574,108	42,789,310	41,923,161	42,341,452	43,345,718	43,345,685	97.3	95.1
Petroleum.....	49,205	70,305	38,166	36,096	40,104	44,921	45,891	42,295	0.1	0.1
Natural Gas.....	268,202	322,450	539,136	591,842	713,080	280,196	86,888	324,982	0.7	0.7
Other Gases.....	8,642	9,230	9,353	7,511	-	-	12,746	263,586	*	0.6
Hydroelectric.....	644,613	798,503	1,011,035	879,111	583,615	593,555	593,147	808,375	1.6	1.8
Other Renewables.....	50,440	-	245,911	365,159	447,330	366,478	616,515	717,264	0.1	1.6
Other.....	45,396	54,746	76,571	107,909	76,549	-	106,700	65,120	0.1	0.1

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
Wyoming								
Coal (cents per million Btu)	83.6	81.8	77.9	76.7	78.5	82.3	86.6	94.8
Average heat value (Btu per pound)	8,811	8,738	8,803	8,880	8,759	8,826	8,826	8,814
Average sulfur Content (percent)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Petroleum (cents per million Btu)	526.8	444.6	724.3	707.2	553.0	714.4	949.8	1,316.9
Average heat value (Btu per gallon)	138,848	139,281	139,219	146,905	139,448	139,593	139,338	139,638
Average sulfur Content (percent)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Natural Gas (cents per million Btu)	314.9	797.8	375.8	381.8	W	W	341.5	552.5
Average heat value (Btu per cubic foot)	1,035	1,043	1,044	960	854	997	1,060	1,048

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
Wyoming								
Sulfur Dioxide								
Coal.....	98	85	81	86	93	84	84	87
Petroleum.....	*	*	*	21	16	*	*	*
Natural Gas.....	*	*	-	*	*	*	-	*
Other.....	1	*	-	*	*	-	-	-
Total.....	99	85	81	107	109	84	85	88
Nitrogen Oxide								
Coal.....	185	189	86	79	96	79	86	82
Petroleum.....	*	*	*	5	5	*	*	*
Natural Gas.....	1	1	1	41	72	*	*	*
Other.....	*	-	-	18	4	-	*	*
Total.....	185	189	87	143	177	79	86	82
Carbon Dioxide								
Coal.....	40,381 ^R	40,601 ^R	45,129 ^R	45,107	44,046	45,128	45,757	44,971
Petroleum.....	63 ^R	98 ^R	77 ^R	68	40	39	77	70
Natural Gas.....	184 ^R	203 ^R	348 ^R	396	427	174	164	390
Total.....	40,628 ^R	40,903 ^R	45,554 ^R	45,571	44,514	45,341	45,998	45,431

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
Wyoming										
Retail Sales (thousand megawatthours)										
Residential.....	1,720	1,939	2,103	2,146	2,232	2,286	2,262	2,377	14.6	16.8
Commercial.....	2,176	2,330	2,748	2,915	3,027	3,282	3,393	3,754	18.5	26.6
Industrial.....	7,729	6,817	7,321	7,700	7,453	7,685	7,884	8,007	65.7	56.6
Other.....	144	113	196	189	162	NA	NA	NA	1.2	NA
All Sectors.....	11,769	11,199	12,368	12,950	12,874	13,254	13,540	14,138	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	103	118	137	145	156	161	163	178	20.7	24.4
Commercial.....	112	119	145	158	173	189	203	232	22.7	31.8
Industrial.....	268	239	246	264	264	281	308	319	54.2	43.8
Other.....	11	8	10	10	10	NA	NA	NA	2.3	NA
All Sectors.....	495	484	537	577	602	630	674	729	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	5.97	6.09	6.50	6.77	6.97	7.04	7.21	7.48	NA	NA
Commercial.....	5.17	5.11	5.29	5.41	5.71	5.74	5.98	6.17	NA	NA
Industrial.....	3.47	3.50	3.36	3.43	3.55	3.65	3.91	3.99	NA	NA
Other.....	7.90	7.16	4.87	5.07	5.93	NA	NA	NA	NA	NA
All Sectors.....	4.21	4.32	4.34	4.46	4.68	4.76	4.98	5.16	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	5	13	1	16	NA	NA	NA	35
Number of Retail Customers	181,046	31,930	7	88,611	NA	NA	NA	301,594
Retail Sales (thousand megawatthours)	9,371	552	33	4,183	NA	NA	NA	14,138
Percentage of Retail Sales	66.28	3.90	0.23	29.58	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	478	36	*	214	NA	NA	NA	729
Percentage of Revenue	65.63	4.89	0.07	29.42	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	5.11	6.45	1.49	5.13	NA	NA	NA	5.16

Wyoming

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table 1. 2005 Summary Statistics

Item	Value	Highest	Lowest
United States			
Primary Energy Source	Coal		
Net Summer Capability (megawatts)	978,020	Texas	District of Columbia
Electric Utilities.....	562,420	Florida	Rhode Island
Independent Power Producers & Combined Heat and Power.....	415,600	Texas	Nebraska
Net Generation (megawatthours)	4,055,422,749^R	Texas	District of Columbia
Electric Utilities.....	2,554,049,613	Florida	Maine
Independent Power Producers & Combined Heat and Power.....	1,501,373,138 ^R	Texas	Nebraska
Emissions (thousand metric tons)			
Sulfur Dioxide	10,340	Ohio	Vermont
Nitrogen Oxide	3,961	Texas	Vermont
Carbon Dioxide.....	2,513,609	Texas	Vermont
Sulfur Dioxide (lbs/MWh)	5.6	Ohio	Vermont
Nitrogen Oxide (lbs/MWh)	2.2	District of Columbia	Vermont
Carbon Dioxide (lbs/MWh).....	1,366	District of Columbia	Vermont
Total Retail Sales (megawatthours)	3,660,968,513	Texas	Vermont
Full Service Provider Sales (megawatthours)	3,423,913,882	Texas	Maine
Deregulated Sales (megawatthours)	237,054,631	New York	Virginia
Direct Use (megawatthours)	154,700,367	Texas	Kansas
Average Retail Price (cents/kWh)	8.14	Hawaii	Kentucky

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2005

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
United States			
1. Grand Coulee.....	Hydroelectric	U S Bureau of Reclamation	7,079
2. Palo Verde	Nuclear	Arizona Public Service Co	3,875
3. Martin	Gas	Florida Power & Light Co	3,693
4. W A Parish.....	Coal	Texas Genco II, LP	3,654
5. Scherer	Coal	Georgia Power Co	3,405
6. Browns Ferry.....	Nuclear	Tennessee Valley Authority	3,297
7. Bowen.....	Coal	Georgia Power Co	3,254
8. Crystal River.....	Coal	Progress Energy Florida Inc	3,140
9. Gibson.....	Coal	PSI Energy Inc	3,131
10. Monroe.....	Coal	Detroit Edison Co	3,129

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2005
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Florida Power & Light Company	Investor-Owned	101,979,583	54,179,849	43,804,916	3,900,589	94,229
2. Georgia Power Co	Investor-Owned	78,982,218	23,585,116	30,195,881	25,027,371	173,850
3. Virginia Electric & Power Co	Investor-Owned	77,570,420	29,842,956	37,233,427	10,330,564	163,473
4. Duke Energy Corporation.....	Investor-Owned	77,413,429	26,148,820	25,888,304	25,376,269	36
5. Southern California Edison Co.....	Investor-Owned	75,301,581	28,711,485	37,973,239	8,554,408	62,449
Total Sales, Top Five Providers		411,247,231	162,468,226	175,095,767	73,189,201	494,037

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
United States										
Electric Utilities.....	690,465	706,111	604,319	549,920	561,074	547,249	550,550	562,420	94.1	57.5
Coal.....	299,781	300,569	260,990	244,451	244,056	236,473	235,976	236,225	40.8	24.2
Petroleum.....	47,913	42,554	41,032	38,456	33,876	32,570	31,415	30,992	6.5	3.2
Natural Gas.....	149,777	164,192	123,665	112,841	127,692	125,612	131,734	144,622	20.4	14.8
Other Gases.....	375	291	57	57	61	61	58	104	0.1	*
Nuclear.....	99,624	99,515	85,968	63,060	63,202	60,964	60,651	58,762	13.6	6.0
Hydroelectric.....	71,423	75,274	73,738	72,968	73,391	72,827	71,696	71,550	9.7	7.3
Other Renewables.....	2,111	2,330	837	979	989	925	960	1,496	0.3	0.2
Pumped Storage.....	19,462	21,387	18,020	17,097	17,807	17,803	18,048	18,630	2.7	1.9
Other.....	*	-	13	13	-	13	13	39	*	*
Independent Power Producers and Combined Heat and Power	43,656	63,352	207,400	298,334	344,227	401,198	412,392	415,600	5.9	42.5
Coal.....	7,581	10,817	54,124	69,780	71,294	76,546	77,044	77,155	1.0	7.9
Petroleum.....	1,531	2,171	20,805	27,706	25,775	28,160	27,704	27,556	0.2	2.8
Natural Gas.....	19,548	32,186	95,925	139,992	184,820	229,829	239,277	238,440	2.7	24.4
Other Gases.....	1,266	1,370	2,285	1,614	1,947	1,933	2,238	1,959	0.2	0.2
Nuclear.....	-	-	11,892	35,099	35,455	38,244	38,978	41,226	-	4.2
Hydroelectric.....	2,500	3,288	5,621	5,948	5,965	5,867	5,945	5,991	0.3	0.6
Other Renewables.....	10,729	12,970	14,735	15,201	15,766	17,274	17,802	19,754	1.5	2.0
Pumped Storage.....	-	-	1,502	2,567	2,564	2,719	2,717	2,717	-	0.3
Other.....	501	550	510	427	641	625	687	802	0.1	0.1
Total Electric Industry.....	734,122	769,463	811,719	848,254	905,301	948,446	962,942	978,020	100.0	100.0
Coal.....	307,361	311,386	315,114	314,230	315,350	313,019	313,020	313,380	41.9	32.0
Petroleum.....	49,444	44,725	61,837	66,162	59,651	60,730	59,119	58,548	6.7	6.0
Natural Gas.....	169,325	196,379	219,590	252,832	312,512	355,442	371,011	383,061	23.1	39.2
Other Gases.....	1,641	1,661	2,342	1,670	2,008	1,994	2,296	2,063	0.2	0.2
Nuclear.....	99,624	99,515	97,860	98,159	98,657	99,209	99,628	99,988	13.6	10.2
Hydroelectric.....	73,923	78,562	79,359	78,916	79,356	78,694	77,641	77,541	10.1	7.9
Other Renewables.....	12,840	15,300	15,572	16,180	16,755	18,199	18,763	21,251	1.7	2.2
Pumped Storage.....	19,462	21,387	19,522	19,664	20,371	20,522	20,764	21,347	2.7	2.2
Other.....	501	550	523	440	641	638	700	841	0.1	0.1

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2000 Through 2005
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
United States										
Electric Utilities.....	2,808,151,009	2,994,528,592	3,015,383,376	2,629,945,673	2,549,457,170	2,462,280,615	2,505,231,152	2,554,049,613	92.4	63.0
Coal.....	1,559,605,707	1,652,914,466	1,696,619,307	1,560,145,542	1,514,669,950	1,500,281,112	1,513,640,806	1,533,666,076	51.3	37.8
Petroleum.....	117,016,961	60,844,256	72,179,917	78,907,846	59,124,871	69,930,457	73,693,695	70,833,715	3.9	1.7
Natural Gas.....	264,089,401	307,306,050	290,715,178	264,433,673	229,639,287	186,966,798	199,662,043	238,484,397	8.7	5.9
Other Gases.....	-	-	-	-	206,469	242,655	374,012	9,810	-	*
Nuclear.....	576,861,678	673,402,123	705,432,806	534,207,221	507,379,828	458,828,821	475,682,277	465,069,082	19.0	11.5
Hydroelectric.....	283,433,659	296,377,840	253,154,717	197,803,985	242,302,069	249,621,997	245,545,963	246,027,912	9.3	6.1
Other Renewables.....	10,651,344	6,408,988	2,241,015	1,665,739	3,088,677	3,421,334	3,691,830	4,945,386	0.4	0.1
Pumped Storage.....	-3,507,741	-2,725,131	-4,959,564	-7,704,482	-7,433,807	-7,531,885	-7,526,206	-5,630,002	-0.1	-0.1
Other.....	-	-	-	486,149	479,826	519,327	466,733	643,237	-	*
Independent Power Producers and Combined Heat and Power.....	229,837,268	358,958,770	786,721,667	1,106,697,980	1,308,995,082	1,420,904,589	1,465,324,110	1,501,373,136^R	7.6	37.0
Coal.....	34,405,772	56,512,002	269,645,289	343,810,401	418,460,404	473,455,638	464,979,413	479,512,763	1.1	11.8
Petroleum.....	9,604,181	13,709,809	39,041,048	45,972,376	35,442,523	49,475,184	46,952,148	51,688,238	0.3	1.3
Natural Gas.....	108,675,753	188,751,895	310,322,981	374,695,447	461,366,459	462,940,744	509,316,563	519,489,934	3.6	12.8
Other Gases.....	10,382,830	13,869,951	13,954,758	9,039,473	11,256,216	15,357,365	16,392,078	16,306,964	0.3	0.4
Nuclear.....	-	-	48,460,134	234,619,087	272,684,259	304,903,874	312,846,110	316,917,283	-	7.8
Hydroelectric.....	9,432,187	14,454,908	22,417,880	19,157,059	22,026,763	26,184,330	22,871,345	24,293,342 ^R	0.3	0.6
Other Renewables.....	53,720,882	67,556,397	78,664,959	69,102,907	76,020,495	76,065,455	78,911,762	82,267,355	1.8	2.0
Pumped Storage.....	-	-	-579,296	-1,118,963	-1,309,121	-1,003,180	-962,004	-927,786	-	*
Other.....	3,615,663	4,103,808	4,793,914	11,420,193	13,047,085	13,525,180	14,016,697	11,825,045	0.1	0.3
Total Electric Industry.....	3,037,988,277	3,353,487,362	3,802,105,043	3,736,643,653	3,858,452,252	3,883,185,204	3,970,555,262	4,055,422,749^R	100.0	100.0
Coal.....	1,594,011,479	1,709,426,468	1,966,264,596	1,903,955,943	1,933,130,354	1,973,736,750	1,978,620,219	2,013,178,839	52.5	49.6
Petroleum.....	126,621,142	74,554,065	111,220,965	124,880,222	94,567,394	119,405,641	120,645,843	122,521,953	4.2	3.0
Natural Gas.....	372,765,154	496,057,945	601,038,159	639,129,120	691,005,746	649,907,542	708,978,606	757,974,331	12.3	18.7
Other Gases.....	10,382,830	13,869,951	13,954,758	9,039,473	11,462,685	15,600,020	16,766,090	16,316,774	0.3	0.4
Nuclear.....	576,861,678	673,402,123	753,892,940	768,826,308	780,064,087	763,732,695	788,528,387	781,986,365	19.0	19.3
Hydroelectric.....	292,865,846	310,832,748	275,572,597	216,961,044	264,328,832	275,806,327	268,417,308	270,321,254 ^R	9.6	6.7
Other Renewables.....	64,372,226	73,965,385	80,905,974	70,768,646	79,109,172	79,486,789	82,603,592	87,212,741	2.1	2.2
Pumped Storage.....	-3,507,741	-2,725,131	-5,538,860	-8,823,445	-8,742,928	-8,535,065	-8,488,210	-6,557,788	-0.1	-0.2
Other.....	3,615,663	4,103,808	4,793,914	11,906,342	13,526,911	14,044,507	14,483,430	12,468,282	0.1	0.3

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2005

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004	2005
United States								
Coal (cents per million Btu)	145.5	131.8	120.0	123.2	125.5	128.2	136.1	154.4
Average heat value (Btu per pound)	10,465	10,248	10,115	10,200	10,168	10,137	10,074	10,107
Average sulfur Content (percent)	1.4	1.1	0.9	0.9	0.9	1.0	1.0	1.0
Petroleum (cents per million Btu)	335.3	256.6	417.9	369.3	334.3	433.5	429.4	644.5
Average heat value (Btu per gallon)	149,536	149,371	149,857	147,857	147,902	147,086	147,286	146,481
Average sulfur Content (percent)	1.0	1.2	1.3	1.4	1.6	1.5	1.7	1.6
Natural Gas (cents per million Btu)	232.1	198.4	430.2	448.7	356.0	539.3	596.1	821.4
Average heat value (Btu per cubic foot)	1,027	1,019	1,020	1,020	1,025	1,030	1,027	1,028

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2005
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004	2005
United States								
Sulfur Dioxide								
Coal.....	14,281	11,006	10,286	9,905	9,786	9,688	9,437	9,499
Petroleum.....	937	613	785	1,002	773	717	633	587
Natural Gas.....	1	1	3	2	2	2	2	2
Other.....	243	275	223	265	320	239	237	251
Total.....	15,462	11,896	11,297	11,174	10,881	10,646	10,309	10,340
Nitrogen Oxide								
Coal.....	7,119	7,035	4,485	4,096	4,057	3,607	3,286	3,135
Petroleum.....	208	122	175	294	225	240	225	221
Natural Gas.....	513	599	596	631	625	453	416	383
Other.....	122	129	123	268	287	232	217	222
Total.....	7,961	7,885	5,380	5,290	5,194	4,532	4,143	3,961
Carbon Dioxide								
Coal.....	1,572,389 ^R	1,697,952 ^R	1,960,017 ^R	1,895,181	1,912,656	1,947,172	1,962,742	2,001,237
Petroleum.....	118,386 ^R	76,280 ^R	107,464 ^R	116,084	90,208	110,955	114,653	115,944
Natural Gas.....	232,682 ^R	297,108 ^R	361,708 ^R	365,311	377,056	343,394	365,205	381,927
Geothermal.....	380 ^R	326 ^R	358 ^R	349	369	367	377	374
Other Renewables.....	7,411 ^R	11,844 ^R	12,174 ^R	12,821	14,759	13,793	13,956	14,128
Total.....	1,931,248 ^R	2,083,509 ^R	2,441,722 ^R	2,389,745	2,395,048	2,415,680	2,456,934	2,513,609

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2000 Through 2005

Sector	1990	1995	2000	2001	2002	2003	2004	2005	Percentage Share	
									1990	2005
United States										
Retail Sales (thousand megawatthours)										
Residential.....	924,019	1,042,501	1,192,446	1,201,607	1,265,180	1,275,824	1,291,982	1,359,227	34.1	37.1
Commercial.....	751,027	862,685	1,055,232	1,083,069	1,104,497	1,198,728	1,230,425	1,275,079	27.7	34.8
Industrial.....	945,522	1,012,693	1,064,239	996,609	990,238	1,012,373	1,017,850	1,019,156	34.9	27.8
Other.....	91,988	95,407	109,496	113,174	105,552	NA	NA	NA	3.4	NA
Transportation.....	NA	NA	NA	NA	NA	6,810	7,224	7,506	NA	0.2
All Sectors.....	2,712,555	3,013,287	3,421,414	3,394,458	3,465,466	3,493,734	3,547,479	3,660,969	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	72,378	87,610	98,209	103,158	106,834	111,249	115,577	128,393	40.6	43.1
Commercial.....	55,117	66,365	78,405	85,741	87,117	96,263	100,546	110,522	30.9	37.1
Industrial.....	44,857	47,175	49,369	50,293	48,336	51,741	53,477	58,445	25.2	19.6
Other.....	5,891	6,567	7,179	8,151	7,124	NA	NA	NA	3.3	NA
Transportation.....	NA	NA	NA	NA	NA	514	519	643	NA	0.2
All Sectors.....	178,243	207,717	233,163	247,343	249,411	259,767	270,119	298,003	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.83	8.40	8.24	8.58	8.44	8.72	8.95	9.45	NA	NA
Commercial.....	7.34	7.69	7.43	7.92	7.89	8.03	8.17	8.67	NA	NA
Industrial.....	4.74	4.66	4.64	5.05	4.88	5.11	5.25	5.73	NA	NA
Other.....	6.40	6.88	6.56	7.20	6.75	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	7.54	7.18	8.57	NA	NA
All Sectors.....	6.57	6.89	6.81	7.29	7.20	7.44	7.61	8.14	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2005

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	217	2,010	9	883	55	158	67	3,399
Number of Retail Customers	98,490,356	20,041,802	38,083	17,008,803	148	2,787,967	NA	138,367,159
Retail Sales (thousand megawatthours)	2,468,201	540,741	42,402	361,376	11,193	237,055	NA	3,660,969
Percentage of Retail Sales	67.42	14.77	1.16	9.87	0.31	6.48	NA	100.00
Revenue from Retail Sales (million dollars)	204,157	40,919	1,333	28,623	718	15,186	7,068	298,003
Percentage of Revenue	68.51	13.73	0.45	9.60	0.24	5.10	2.37	100.00
Average Retail Price (cents/kWh)	8.26	7.57	3.14	7.92	6.41	6.41	2.98	8.14

United States

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.

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.

The "Other Renewables" category for Tables 4 and 5 includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy and wind. In Table 7, "Other Renewables" emissions include non-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.

Table A1. Selected Electric Industry Summary Statistics by State, 2005

State	Primary Fuel Source	Total Net Summer Capacity		Net Generation		Sulfur Dioxide Emissions		Nitrogen Oxide Emissions		Carbon Dioxide Emissions	
		(MW)	Rank	(MWh)	Rank	(1000 Metric Tons)	Rank	(1000 Metric Tons)	Rank	(1000 Metric Tons)	Rank
		Alabama.....	Coal	30,694	9	137,948,581	8	456	8	131	9
Alaska.....	Gas	1,890	48	6,576,659	47	4	48	17	41	4,323	46
Arizona.....	Coal	24,904	15	101,478,654	15	48	34	75	23	51,357	20
Arkansas.....	Coal	14,059	26	47,794,508	29	97	26	44	33	26,360	33
California.....	Gas	61,707	2	200,292,819	4	26	39	86	16	54,680	17
Colorado.....	Coal	11,086	32	49,616,695	27	58	32	67	27	40,841	24
Connecticut.....	Nuclear	7,962	35	33,549,748	38	8	46	11	47	11,542	40
Delaware.....	Coal	3,365	44	8,136,568	46	31	37	14	43	6,805	45
District of Columbia.....	Petroleum	806	51	226,042	51	1	49	1	50	234	50
Florida.....	Gas	53,220	3	220,256,411	2	412	10	227	3	130,325	3
Georgia.....	Coal	36,531	7	136,667,891	9	646	4	126	10	89,253	8
Hawaii.....	Petroleum	2,358	47	11,522,805	44	21	42	30	39	9,031	41
Idaho.....	Hydroelectric	3,160	45	10,824,984	45	5	47	2	48	1,334	49
Illinois.....	Nuclear	42,530	5	194,120,146	5	351	12	131	8	100,791	6
Indiana.....	Coal	26,984	13	130,371,573	10	802	3	204	4	122,095	5
Iowa.....	Coal	11,087	31	44,156,159	34	136	20	75	24	40,207	25
Kansas.....	Coal	11,029	33	45,862,696	31	124	23	82	21	37,642	27
Kentucky.....	Coal	20,001	20	97,822,419	16	457	7	152	6	90,318	7
Louisiana.....	Gas	26,785	14	92,616,878	19	128	21	96	15	57,101	16
Maine.....	Gas	4,185	43	18,843,978	43	22	40	12	45	7,058	44
Maryland.....	Coal	12,503	28	52,661,601	26	276	14	64	30	33,325	29
Massachusetts.....	Gas	13,969	27	47,515,443	30	76	29	31	38	26,822	32
Michigan.....	Coal	30,422	10	121,619,771	12	360	11	123	11	78,726	12
Minnesota.....	Coal	12,105	30	53,018,995	25	101	25	86	17	38,879	26
Mississippi.....	Coal	16,885	23	45,067,453	33	79	28	44	35	25,146	35
Missouri.....	Coal	20,533	19	90,828,230	20	273	15	115	12	79,829	11
Montana.....	Coal	5,268	40	27,938,778	41	22	41	38	36	19,549	38
Nebraska.....	Coal	7,023	36	31,464,734	40	67	30	58	31	22,079	36
Nevada.....	Gas	8,714	34	40,213,752	35	48	33	44	34	25,954	34
New Hampshire.....	Nuclear	4,321	42	24,470,014 ^R	42	47	35	11	46	8,166	43
New Jersey.....	Nuclear	17,536	22	60,549,582	24	65	31	35	37	21,103	37
New Mexico.....	Coal	6,480	39	35,135,642	37	28	38	69	26	32,740	31
New York.....	Nuclear	39,122	6	146,887,419	7	187	19	82	20	60,445	14
North Carolina.....	Coal	27,107	12	129,748,578	11	482	6	107	13	75,890	13
North Dakota.....	Coal	4,758	41	31,932,615	39	126	22	70	25	32,833	30
Ohio.....	Coal	33,870	8	156,976,323	6	1,057	1	238	2	131,831	2
Oklahoma.....	Coal	19,773	21	68,607,827	22	106	24	84	18	51,451	19
Oregon.....	Hydroelectric	12,198	29	49,325,002	28	14	43	14	42	8,966	42
Pennsylvania.....	Coal	44,897	4	218,091,125	3	1,019	2	186	5	126,713	4
Rhode Island.....	Gas	1,748	49	6,053,294	49	1	50	2	49	2,602	48
South Carolina.....	Nuclear	22,551	17	102,514,665	13	218	17	51	32	40,867	23
South Dakota.....	Hydroelectric	2,802	46	6,520,769	48	10	45	13	44	3,300	47
Tennessee.....	Coal	20,749	18	97,117,166	17	278	13	97	14	59,882	15
Texas.....	Gas	101,046	1	396,668,721	1	549	5	247	1	258,661	1
Utah.....	Coal	6,528	38	38,165,131	36	31	36	64	29	35,911	28
Vermont.....	Nuclear	1,002	50	5,716,755	50	*	51	*	51	14	51
Virginia.....	Coal	22,599	16	78,943,045	21	233	16	66	28	47,709	21
Washington.....	Hydroelectric	27,791	11	101,965,850	14	11	44	26	40	14,907	39
West Virginia.....	Coal	16,460	24	93,626,286	18	440	9	148	7	84,795	9
Wisconsin.....	Coal	16,208	25	61,824,664	23	214	18	81	22	53,969	18
Wyoming.....	Coal	6,707	37	45,567,307	32	88	27	82	19	45,431	22
United States.....	Coal	978,020	-	4,055,422,749 ^R	-	10,340	-	3,961	-	2,513,609	-

Table A1. Selected Electric Industry Summary Statistics by State, 2005 (Continued)

State	Total Retail Sales		Full Service Sales (including unregulated generators)		Other Providers		Direct Use		Average Retail Price, All Sectors	
	(MWh)	Rank	(MWh)	Rank	(MWh)	Rank	(MWh)	Rank	(cents/kWh)	Rank
Alabama.....	89,201,620	15	89,201,620	15	-	-	4,284,503	7	6.46	38
Alaska.....	5,912,571	50	5,912,571	48	-	-	329,542	37	11.72	7
Arizona.....	69,390,686	22	69,390,686	21	-	-	501,869	34	7.79	19
Arkansas.....	46,164,923	29	46,164,923	27	-	-	2,066,336	17	6.30	41
California.....	254,249,507	2	230,843,182	2	23,406,325	4	11,009,718	3	11.63	8
Colorado.....	48,353,236	27	48,353,236	26	-	-	80,608	44	7.64	21
Connecticut.....	33,095,029	33	32,354,549	33	740,480	17	225,040	39	12.06	5
Delaware.....	12,136,788	43	11,187,095	41	949,693	15	695,737	29	7.76	20
District of Columbia.....	11,816,207	44	4,802,919	50	7,013,288	11	-	-	9.18	12
Florida.....	224,977,011	3	224,977,011	3	-	-	4,978,723	6	8.76	15
Georgia.....	132,265,452	8	132,265,452	6	-	-	5,203,118	5	7.43	25
Hawaii.....	10,538,910	47	10,538,910	45	-	-	380,025	36	18.33	1
Idaho.....	21,852,681	38	21,852,681	38	-	-	550,252	32	5.12	50
Illinois.....	144,986,215	7	117,048,497	8	27,937,718	2	3,555,809	10	6.95	29
Indiana.....	106,548,910	12	106,548,910	10	-	-	7,344,408	4	5.88	45
Iowa.....	42,756,808	31	42,756,808	30	-	-	1,305,629	22	6.69	33
Kansas.....	39,024,283	32	39,024,283	32	-	-	5,389	49	6.55	37
Kentucky.....	89,351,466	14	89,351,466	14	-	-	389,447	35	5.01	51
Louisiana.....	77,389,170	20	77,389,170	19	-	-	19,845,343	2	8.03	18
Maine.....	12,362,879	42	369,594	51	11,993,285	8	3,324,756	11	10.57	11
Maryland.....	68,365,385	23	49,163,275	25	19,202,110	5	1,094,648	27	8.13	17
Massachusetts.....	57,227,588	25	41,373,621	31	15,853,967	7	1,160,995	26	12.18	4
Michigan.....	110,444,563	10	99,110,699	12	11,333,864	9	2,477,902	16	7.23	26
Minnesota.....	66,019,053	24	66,019,053	22	-	-	1,185,448	25	6.61	35
Mississippi.....	45,901,064	30	45,901,064	28	-	-	1,349,941	21	7.54	22
Missouri.....	80,940,494	19	80,940,494	18	-	-	142,644	42	6.13	42
Montana.....	13,478,838	41	10,642,433	44	2,836,405	12	93,256	43	6.72	32
Nebraska.....	26,975,944	36	26,975,944	36	-	-	75,065	46	5.87	46
Nevada.....	32,500,630	34	32,325,814	34	174,816	18	587,269	30	9.02	14
New Hampshire.....	11,244,628	45	11,121,954	42	122,674	19	216,095	40	12.53	3
New Jersey.....	81,896,813	17	65,343,404	23	16,553,409	6	2,621,051	15	10.89	10
New Mexico.....	20,638,951	39	20,638,951	39	-	-	77,971	45	7.51	23
New York.....	150,147,571	5	93,474,451	13	56,673,120	1	3,806,503	9	13.95	2
North Carolina.....	128,335,377	9	128,335,377	7	-	-	2,985,075	13	7.19	27
North Dakota.....	10,839,990	46	10,839,990	43	-	-	211,673	41	5.92	44
Ohio.....	160,176,303	4	133,460,651	5	26,715,652	3	1,281,665	23	7.08	28
Oklahoma.....	53,707,102	26	53,707,102	24	-	-	503,553	33	6.85	30
Oregon.....	46,419,245	28	44,864,641	29	1,554,604	14	1,190,391	24	6.34	39
Pennsylvania.....	148,272,940	6	137,220,957	4	11,051,983	10	3,268,349	12	8.27	16
Rhode Island.....	8,049,112	49	7,160,386	47	888,726	16	69,478	47	11.97	6
South Carolina.....	81,254,088	18	81,254,088	17	-	-	1,598,662	19	6.72	31
South Dakota.....	9,811,017	48	9,811,017	46	-	-	-	-	6.60	36
Tennessee.....	103,905,421	13	103,905,421	11	-	-	1,939,498	18	6.31	40
Texas.....	334,258,262	1	334,258,262	1	-	-	50,804,561	1	9.14	13
Utah.....	25,000,498	37	25,000,498	37	-	-	751,289	28	5.92	43
Vermont.....	5,883,053	51	5,883,053	49	-	-	30,484	48	10.95	9
Virginia.....	108,849,552	11	108,827,497	9	22,055	20	2,722,582	14	6.64	34
Washington.....	83,425,200	16	81,394,743	16	2,030,457	13	573,987	31	5.87	47
West Virginia.....	30,152,069	35	30,152,069	35	-	-	1,364,199	20	5.15	49
Wisconsin.....	70,335,683	21	70,335,683	20	-	-	4,119,332	8	7.48	24
Wyoming.....	14,137,727	40	14,137,727	40	-	-	320,549	38	5.16	48
United States.....	3,660,968,513	-	3,423,913,882	-	237,054,631	-	154,700,367	-	8.14	-