

State Electricity Profiles 2007

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Energy Information Administration
Office of Coal, Nuclear, Electric and Alternate Fuels
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Quality

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Preface

The State Electricity Profiles 2007 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 key State statistics for 1997, and 2001 through 2007. 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.

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

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Alabama		
NERC Region(s).....		SERC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	30,614	9
Electric Utilities.....	23,182	7
Independent Power Producers & Combined Heat and Power.....	7,432	15
Net Generation (megawatthours).....	143,826,271	9
Electric Utilities.....	124,273,167	3
Independent Power Producers & Combined Heat and Power.....	19,553,104	17
Emissions (thousand metric tons)		
Sulfur Dioxide	449	6
Nitrogen Oxide.....	121	9
Carbon Dioxide.....	87,345	9
Sulfur Dioxide (lbs/MWh)	6.9	10
Nitrogen Oxide (lbs/MWh)	1.9	31
Carbon Dioxide (lbs/MWh).....	1,339	27
Total Retail Sales (megawatthours).....	91,828,464	15
Full Service Provider Sales (megawatthours)	91,828,464	13
Direct Use (megawatthours)	4,642,979	8
Average Retail Price (cents/kWh).....	7.57	29

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Alabama			
1. Browns Ferry	Nuclear	Tennessee Valley Authority	3,274
2. James H Miller Jr.....	Coal	Alabama Power Co	2,750
3. Barry	Coal	Alabama Power Co	2,441
4. E C Gaston.....	Coal	Alabama Power Co	1,878
5. Joseph M Farley.....	Nuclear	Alabama Power Co	1,711
6. Widows Creek	Coal	Tennessee Valley Authority	1,604
7. Colbert	Coal	Tennessee Valley Authority	1,566
8. E B Harris Electric Generating Plant.....	Gas	Southern Power Co	1,254
9. Gorgas.....	Coal	Alabama Power Co	1,247
10. Greene County.....	Coal	Alabama Power Co	1,237

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Alabama Power Co.....	Investor-Owned	56,641,831	18,874,039	14,962,117	22,805,675	-
2. Tennessee Valley Authority	Federal	6,441,666	-	-	6,441,666	-
3. Huntsville City of	Public	5,311,708	2,423,858	1,718,934	1,168,916	-
4. Decatur Utilities.....	Public	1,502,755	378,788	325,667	798,300	-
5. Joe Wheeler Elec Member Corp.....	Cooperative	1,314,006	615,235	271,200	427,571	-
Total Sales, Top Five Providers		71,211,966	22,291,920	17,277,918	31,642,128	-
Percent of Total State Sales		78	68	76	87	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Alabama										
Electric Utilities.....	20,840	22,532	23,429	23,007	23,186	23,252	23,218	23,182	95.1	75.7
Coal.....	11,286	11,362	11,246	11,217	11,238	11,500	11,465	11,452	51.5	37.4
Petroleum.....	16	34	34	34	34	34	34	34	0.1	0.1
Natural Gas	1,706	3,157	4,182	3,550	3,627	3,471	3,440	3,440	7.8	11.2
Nuclear.....	4,873	4,966	4,966	4,972	5,008	5,008	5,008	4,985	22.2	16.3
Hydroelectric	2,959	3,014	3,002	3,234	3,280	3,240	3,271	3,272	13.5	10.7
Independent Power Producers and Combined Heat and Power	1,070	1,303	3,157	7,154	7,461	7,442	7,446	7,432	4.9	24.3
Coal.....	23	23	19	14	132	92	92	92	0.1	0.3
Petroleum.....	4	6	7	7	9	9	9	9	*	*
Natural Gas	216	842	2,585	6,585	6,681	6,688	6,664	6,657	1.0	21.7
Other Gases ¹	104	-	4	4	84	100	100	100	0.5	0.3
Other Renewables ²	723	432	543	544	555	553	581	574	3.3	1.9
Total Electric Industry.....	21,910	23,835	26,586	30,162	30,647	30,694	30,664	30,614	100.0	100.0
Coal.....	11,309	11,385	11,265	11,231	11,370	11,592	11,557	11,544	51.6	37.7
Petroleum.....	20	39	41	41	43	43	43	43	0.1	0.1
Natural Gas	1,922	3,998	6,766	10,136	10,308	10,159	10,104	10,098	8.8	33.0
Other Gases ¹	104	-	4	4	84	100	100	100	0.5	0.3
Nuclear.....	4,873	4,966	4,966	4,972	5,008	5,008	5,008	4,985	22.2	16.3
Hydroelectric	2,959	3,014	3,002	3,234	3,280	3,240	3,271	3,272	13.5	10.7
Other Renewables ²	723	432	543	544	555	553	581	574	3.3	1.9

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Alabama										
Electric Utilities.....	113,683,627	118,744,284	123,739,223	126,845,720	124,554,606	126,303,893	124,365,180	124,273,167	95.1	86.4
Coal.....	71,586,318	71,483,576	71,630,811	76,238,978	74,475,725	77,742,466	77,664,239	77,575,448	59.9	53.9
Petroleum.....	118,818	262,600	184,379	195,363	111,271	97,269	87,885	73,570	0.1	0.1
Natural Gas.....	885,184	8,284,663	11,242,320	6,069,559	7,705,600	6,625,354	7,450,174	8,162,908	0.7	5.7
Nuclear.....	29,572,670	30,357,063	31,856,926	31,676,953	31,635,789	31,694,223	31,911,096	34,325,127	24.7	23.9
Hydroelectric.....	11,520,637	8,356,382	8,824,787	12,664,867	10,626,221	10,144,581	7,251,786	4,136,114	9.6	2.9
Independent Power Producers and Combined Heat and Power.....	5,858,705	6,600,829	9,181,447	10,641,502	12,800,165^R	11,644,688	16,530,261	19,553,104	4.9	13.6
Coal.....	517,000	714,538	410,853	457,413	355,899 ^R	385,991 ^R	444,429 ^R	418,312	0.4	0.3
Petroleum.....	118,597	171,949	127,669	141,281	183,754 ^R	235,841 ^R	92,281 ^R	83,352	0.1	0.1
Natural Gas.....	1,224,434	1,328,019	4,661,745	6,174,039	8,271,419 ^R	7,244,097 ^R	11,957,048 ^R	15,068,868	1.0	10.5
Other Gases ¹	283,878	189,147	112,541	170,368	181,942	106,864 ^R	131,109	178,368	0.2	0.1
Other Renewables ²	3,344,408	4,189,364	3,745,894	3,672,858	3,779,233 ^R	3,646,802 ^R	3,884,462 ^R	3,800,620	2.8	2.6
Other ³	370,388	7,812	122,745	25,543	27,917 ^R	25,093 ^R	20,933 ^R	3,583	0.3	*
Total Electric Industry.....	119,542,332	125,345,113	132,920,670	137,487,222	137,354,771^R	137,948,581	140,895,441	143,826,271	100.0	100.0
Coal.....	72,103,318	72,198,114	72,041,664	76,696,391	74,831,624 ^R	78,128,457 ^R	78,108,668 ^R	77,993,760	60.3	54.2
Petroleum.....	237,415	434,549	312,048	336,644	295,025 ^R	333,110 ^R	180,166 ^R	156,922	0.2	0.1
Natural Gas.....	2,109,618	9,612,682	15,904,065	12,243,598	15,977,019 ^R	13,869,451 ^R	19,407,222 ^R	23,231,776	1.8	16.2
Other Gases ¹	283,878	189,147	112,541	170,368	181,942	106,864 ^R	131,109	178,368	0.2	0.1
Nuclear.....	29,572,670	30,357,063	31,856,926	31,676,953	31,635,789	31,694,223	31,911,096	34,325,127	24.7	23.9
Hydroelectric.....	11,520,637	8,356,382	8,824,787	12,664,867	10,626,221	10,144,581	7,251,786	4,136,114	9.6	2.9
Other Renewables ²	3,344,408	4,189,364	3,745,894	3,672,858	3,779,233 ^R	3,646,802 ^R	3,884,462 ^R	3,800,620	2.8	2.6
Other ³	370,388	7,812	122,745	25,543	27,917 ^R	25,093 ^R	20,933 ^R	3,583	0.3	*

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	154	141	W	W	W	W	211	206
Average heat value (Btu per pound).....	11,584	10,990	10,828	10,977	10,878	10,950	10,879	10,644
Average sulfur Content (percent)	1.13	0.92	0.94	0.95	0.84	0.97	0.94	0.88
Petroleum (cents per million Btu).....	405	552	W	W	W	W	W	W
Average heat value (Btu per gallon).....	139,645	144,286	140,588	141,395	142,757	141,012	140,469	143,452
Average sulfur Content (percent).....	0.33	0.12	0.15	0.12	0.13	0.10	0.14	0.87
Natural Gas (cents per million Btu).....	277	505	346	561	606	925	709	700
Average heat value (Btu per cubic foot).....	1,031	1,030	1,037	1,039	1,035	1,041	1,036	1,031

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Alabama								
Sulfur Dioxide								
Coal.....	537 ^R	435	417	425	385	428	430	423
Petroleum.....	2	2	1	1	1	1	1	1
Natural Gas	*	*	*	*	*	*	*	*
Other Gases.....	*	*	*	*	*	*	*	*
Other Renewables ¹	29 ^R	26 ^R	28 ^R	26 ^R	23 ^R	26 ^R	26 ^R	25
Other ²	*	-	*	*	*	*	*	*
Total.....	568 ^R	462 ^R	447 ^R	453 ^R	409 ^R	456 ^R	458 ^R	449
Nitrogen Oxide								
Coal.....	194 ^R	147	140	136	120	118	110	108
Petroleum.....	1 ^R	2	1	1	*	1	*	*
Natural Gas	9 ^R	13	13	8	9	6	5	6
Other Gases.....	1 ^R	1 ^R	1 ^R	*	1 ^R	1 ^R	1 ^R	*
Other Renewables ¹	11 ^R	9 ^R	10 ^R	7 ^R	6 ^R	6 ^R	6 ^R	6
Other ²	*	* ^R	*	* ^R	* ^R	-	-	-
Total.....	217 ^R	171 ^R	165 ^R	152 ^R	136 ^R	131 ^R	122 ^R	121
Carbon Dioxide								
Coal.....	68,583	70,648	71,121	73,360	71,254	75,644	75,754	76,367
Petroleum.....	465	676	443	515	1,217	1,376	394	339
Natural Gas	3,001	6,490	8,383	6,365	7,845	6,766	8,945	10,629
Other ²	17 ^R	29 ^R	11 ^R	59 ^R	39 ^R	32 ^R	24 ^R	10
Total.....	72,066 ^R	77,843 ^R	79,958 ^R	80,300 ^R	80,354 ^R	83,818 ^R	85,116 ^R	87,345

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Alabama										
Retail Sales (thousand megawatthours)										
Residential	24,893	27,802	30,022	29,416	30,109	31,315	32,277	32,783	33.4	35.7
Commercial	16,397	18,868	19,666	20,411	21,166	21,608	22,120	22,873	22.0	24.9
Industrial	32,617	31,949	32,615	34,017	35,595	36,279	36,281	36,172	43.7	39.4
Other ¹	646	739	764	NA	NA	NA	NA	NA	0.9	--
All Sectors	74,554	79,358	83,067	83,844	86,871	89,202	90,678	91,828	100.0	100.0
Retail Revenue (million dollars)										
Residential	1,679	1,950	2,138	2,175	2,295	2,504	2,825	3,057	42.3	44.0
Commercial	1,040	1,233	1,305	1,399	1,506	1,620	1,809	1,991	26.2	28.6
Industrial	1,209	1,212	1,244	1,355	1,477	1,641	1,778	1,906	30.5	27.4
Other ¹	42	53	57	NA	NA	NA	NA	NA	1.1	--
All Sectors	3,970	4,448	4,745	4,929	5,278	5,765	6,411	6,954	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	6.74	7.01	7.12	7.39	7.62	8.00	8.75	9.32	--	--
Commercial	6.34	6.53	6.63	6.85	7.12	7.50	8.18	8.70	--	--
Industrial	3.71	3.79	3.82	3.98	4.15	4.52	4.90	5.27	--	--
Other ¹	6.47	7.11	7.46	NA	NA	NA	NA	NA	--	--
All Sectors	5.33	5.60	5.71	5.88	6.08	6.46	7.07	7.57	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

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	1,425,243	509,817	22	533,579	NA	NA	NA	2,468,661
Retail Sales (thousand megawatthours)	56,642	17,098	6,442	11,647	NA	NA	NA	91,828
Percentage of Retail Sales	61.68	18.62	7.01	12.68	--	--	--	100.00
Revenue from Retail Sales (million dollars)	4,407	1,234	258	1,055	NA	NA	NA	6,954
Percentage of Revenue	63.37	17.74	3.71	15.17	--	--	--	100.00
Average Retail Price (cents/kWh)	7.78	7.22	4.00	9.06	NA	NA	NA	7.57

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Alabama								
Supply								
Generation								
Electric Utilities.....	113,684	118,744	123,739	126,846	124,555	126,304	124,365	124,273
Independent Power Producers	5	45	2,357	4,065	6,127	4,821	7,103	9,202
Combined Heat and Power, Electric	683	698	1,459	1,311	1,446	2,174	4,683	5,705
Electric Power Sector Generation Subtotal	114,372	119,487	127,555	132,221	132,127	133,299	136,152	139,180
Combined Heat and Power, Industrial.....	5,171	5,858	5,365	5,266	5,227	4,650	4,744	4,646
Industrial and Commercial Generation Subtotal.....	5,171	5,858	5,365	5,266	5,227	4,650	4,744	4,646
Total Net Generation	119,542	125,345	132,921	137,487	137,355	137,949	140,895	143,826
Total Supply	119,542	125,345	132,921	137,487	137,355	137,949	140,895	143,826
Disposition								
Retail Sales								
Full Service Providers	74,554	79,358	83,067	83,844	86,871	89,202	90,678	91,828
Total Electric Industry Retail Sales.....	74,554	79,358	83,067	83,844	86,871	89,202	90,678	91,828
Direct Use	5,828	6,264	6,400	6,481	6,488	3,540	6,210	4,643
Estimated Losses.....	5,318	4,304	5,236	4,937^R	5,748	5,786^R	6,152	7,105
Total Disposition	85,700	89,926	94,703	95,263^R	99,106	98,527	103,039	103,576
Net Interstate Trade	33,843	35,419	38,217	42,225^R	38,248	39,421	37,856	40,250
Net Trade Index (ratio)	1.39	1.39	1.40	1.44	1.39	1.40	1.37	1.39

R = Revised.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Alaska		
NERC Region(s).....		--
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	1,961	48
Electric Utilities.....	1,820	39
Independent Power Producers & Combined Heat and Power.....	142	49
Net Generation (megawatthours).....	6,821,392	48
Electric Utilities.....	6,146,078	39
Independent Power Producers & Combined Heat and Power.....	675,313	48
Emissions (thousand metric tons)		
Sulfur Dioxide	4	48
Nitrogen Oxide.....	17	42
Carbon Dioxide.....	4,302	46
Sulfur Dioxide (lbs/MWh)	1.4	41
Nitrogen Oxide (lbs/MWh)	5.6	1
Carbon Dioxide (lbs/MWh).....	1,390	24
Total Retail Sales (megawatthours).....	6,326,610	50
Full Service Provider Sales (megawatthours)	6,326,610	48
Direct Use (megawatthours)	267,472	43
Average Retail Price (cents/kWh).....	13.28	7

There is no NERC Region for Alaska. This is shown as "--" in the table.

MWh = Megawatthours.

kWh = Kilowatthours.

-- = Not applicable.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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	Anchorage Municipal Light and Power	220
3. North Pole.....	Petroleum	Golden Valley Elec Assn Inc	137
4. Bradley Lake.....	Hydroelectric	Homer Electric Assn Inc	126
5. Anchorage 1.....	Gas	Anchorage Municipal Light and Power	91
6. Snettisham	Hydroelectric	Alaska Electric Light&Power Co	78
7. Bernice Lake.....	Gas	Chugach Electric Assn Inc	62
8. Lemon Creek	Petroleum	Alaska Electric Light&Power Co	58
9. Eklutna Hydro Project	Hydroelectric	Anchorage Municipal Light and Power	44
10. International.....	Gas	Chugach Electric Assn Inc	42

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Alaska						
1. Golden Valley Elec Assn Inc	Cooperative	1,349,250	320,632	143,962	884,656	-
2. Chugach Electric Assn Inc	Cooperative	1,206,037	557,081	604,827	44,129	-
3. Anchorage Municipal Light and Power	Public	1,105,050	147,246	957,804	-	-
4. Matanuska Electric Assn Inc	Cooperative	681,112	428,929	252,183	-	-
5. Homer Electric Assn Inc.....	Cooperative	529,642	173,197	174,380	182,065	-
Total Sales, Top Five Providers		4,871,091	1,627,085	2,133,156	1,110,850	-
Percent of Total State Sales		77	77	75	80	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Alaska										
Electric Utilities.....	1,750	1,770	1,740	1,753	1,722	1,769	1,736	1,820	86.3	92.8
Coal.....	54	25	25	25	25	52	25	25	2.6	1.3
Petroleum.....	575	527	522	529	517	526	527	581	28.4	29.6
Natural Gas	759	819	796	803	785	785	785	814	37.4	41.5
Hydroelectric	362	399	396	396	395	397	397	397	17.9	20.2
Other Renewables ¹	*	-	-	1	1	10	3	3	*	0.1
Independent Power Producers and Combined Heat and Power	278	305	267	142	129	121	148	142	13.7	7.2
Coal.....	57	60	60	60	60	53	80	80	2.8	4.1
Petroleum.....	83	56	55	50	48	48	48	41	4.1	2.1
Natural Gas	138	189	152	32	20	20	20	20	6.8	1.0
Total Electric Industry.....	2,028	2,075	2,006	1,895	1,851	1,890	1,884	1,961	100.0	100.0
Coal.....	110	85	85	85	85	105	105	105	5.4	5.4
Petroleum.....	658	583	577	579	565	574	575	622	32.5	31.7
Natural Gas	898	1,008	948	835	805	805	805	834	44.3	42.5
Hydroelectric	362	399	396	396	395	397	397	397	17.9	20.2
Other Renewables ¹	*	-	-	1	1	10	3	3	*	0.1

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Alaska										
Electric Utilities.....	5,108,003	5,416,191	5,471,990	5,673,462	5,866,420	5,946,148	6,068,520	6,146,078	83.0	90.1
Coal.....	237,165	194,008	204,490	167,555	211,075	219,320	209,952	213,648	3.9	3.1
Petroleum.....	740,721	847,761	875,153	775,374	681,848	685,559	694,252	852,882	12.0	12.5
Natural Gas.....	3,031,164	3,027,807	2,952,996	3,147,997	3,475,477	3,576,738	3,939,921	3,788,325	49.2	55.5
Hydroelectric.....	1,098,953	1,345,665	1,439,351	1,582,536	1,498,020	1,463,942	1,223,607	1,291,223	17.9	18.9
Other Renewables ¹	-	950	-	-	-	589	788	-	-	-
Independent Power Producers and Combined Heat and Power.....	1,046,844	1,327,575	1,295,336	665,270	660,297	630,511	605,677	675,313	17.0	9.9
Coal.....	205,537	370,585	370,798	382,109	437,905 ^R	404,998 ^R	407,467 ^R	427,762	3.3	6.3
Petroleum.....	117,168	89,228	87,217	70,900	65,220 ^R	73,370 ^R	73,736 ^R	157,108	1.9	2.3
Natural Gas.....	676,570	867,762	825,166	206,485	147,956 ^R	146,888	117,809 ^R	79,214	11.0	1.2
Other Renewables ¹	47,569	-	12,155	5,777	9,217 ^R	5,256 ^R	6,665 ^R	11,230	0.8	0.2
Total Electric Industry.....	6,154,847	6,743,766	6,767,326	6,338,732	6,526,717	6,576,659	6,674,197	6,821,392	100.0	100.0
Coal.....	442,702	564,593	575,288	549,664	648,980 ^R	624,318 ^R	617,419 ^R	641,409	7.2	9.4
Petroleum.....	857,889	936,989	962,370	846,274	747,068 ^R	758,929 ^R	767,988 ^R	1,009,990	13.9	14.8
Natural Gas.....	3,707,734	3,895,569	3,778,162	3,354,482	3,623,433 ^R	3,723,626	4,057,730 ^R	3,867,539	60.2	56.7
Hydroelectric.....	1,098,953	1,345,665	1,439,351	1,582,536	1,498,020	1,463,942	1,223,607	1,291,223	17.9	18.9
Other Renewables ¹	47,569	950	12,155	5,777	9,217 ^R	5,845 ^R	7,453 ^R	11,230	0.8	0.2

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

R = Revised.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Alaska								
Petroleum (cents per million Btu)	-	-	-	-	-	1,026	1,542	-
Average heat value (Btu per gallon).....	-	-	-	-	-	138,800	138,993	-
Average sulfur Content (percent)	-	-	-	-	-	0.19	0.25	-
Natural Gas (cents per million Btu).....	174	236	W	229	279	342	365	358
Average heat value (Btu per cubic foot).....	1,000	1,010	1,001	1,000	1,000	1,000	1,000	1,000

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Alaska								
Sulfur Dioxide								
Coal.....	13 ^R	4	4	2	2	2	2	2
Petroleum.....	4 ^R	4	3	3	2	2	2	2
Natural Gas	*	*	*	*	*	*	*	*
Other Renewables ¹	*	-	-	-	-	-	-	*
Total	17 ^R	8 ^R	7 ^R	4				
Nitrogen Oxide								
Coal.....	3 ^R	4	4	2	2	3	3	3
Petroleum.....	8 ^R	8	8	7	7	7	8	8
Natural Gas	9 ^R	6	6	6	15	7	7	6
Other Renewables ¹	*	-	*	*	*	*	*	*
Total	20 ^R	18 ^R	19 ^R	16 ^R	25 ^R	17 ^R	18 ^R	17
Carbon Dioxide								
Coal.....	1,409	1,401	1,250	1,222	1,296	1,269	1,277	1,290
Petroleum.....	713	797	819	717	650	637	648	769
Natural Gas	2,343	2,392	2,344	2,009	2,785	2,418	2,660	2,243
Total	4,465 ^R	4,591 ^R	4,413 ^R	3,947 ^R	4,731 ^R	4,323 ^R	4,585 ^R	4,302

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Alaska										
Retail Sales (thousand megawatthours)										
Residential	1,726	1,891	1,932	1,987	2,062	2,062	2,120	2,114	35.7	33.4
Commercial	2,181	2,289	2,238	2,473	2,601	2,695	2,819	2,828	45.0	44.7
Industrial	756	1,079	1,088	1,104	1,126	1,156	1,243	1,384	15.6	21.9
Other ¹	178	194	207	NA	NA	NA	NA	NA	3.7	--
All Sectors	4,841	5,454	5,465	5,564	5,788	5,913	6,182	6,327	100.0	100.0
Retail Revenue (million dollars)										
Residential	197	229	233	238	256	274	314	321	40.5	38.2
Commercial	207	235	227	259	286	311	336	345	42.5	41.0
Industrial	57	82	83	87	94	107	143	175	11.6	20.8
Other ¹	26	28	29	NA	NA	NA	NA	NA	5.4	--
All Sectors	488	575	572	584	636	693	794	840	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	11.44	12.12	12.05	11.98	12.44	13.30	14.83	15.18	--	--
Commercial	9.51	10.29	10.13	10.49	10.99	11.56	11.93	12.19	--	--
Industrial	7.48	7.61	7.65	7.86	8.33	9.29	11.54	12.63	--	--
Other ¹	14.75	14.37	14.04	NA	NA	NA	NA	NA	--	--
All Sectors	10.07	10.54	10.46	10.50	10.99	11.72	12.84	13.28	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Alaska								
Number of Entities	20	34	NA	18	NA	NA	NA	72
Number of Retail Customers	27,789	57,922	NA	227,134	NA	NA	NA	312,845
Retail Sales (thousand megawatthours)	508	1,639	NA	4,180	NA	NA	NA	6,327
Percentage of Retail Sales	8.03	25.90	--	66.07	--	--	--	100.00
Revenue from Retail Sales (million dollars)	76	163	NA	601	NA	NA	NA	840
Percentage of Revenue	9.05	19.44	--	71.51	--	--	--	100.00
Average Retail Price (cents/kWh)	14.98	9.97	NA	14.38	NA	NA	NA	13.28

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Alaska								
Supply								
Generation								
Electric Utilities	5,108	5,416	5,472	5,673	5,866	5,946	6,069	6,146
Independent Power Producers	-	-	-	-	-	-	-	80
Combined Heat and Power, Electric	-	237	244	162	182	174	187	210
Electric Power Sector Generation Subtotal	5,108	5,653	5,716	5,836	6,049	6,120	6,256	6,436
Combined Heat and Power, Commercial	225	153	156	230	269	245	231	238
Combined Heat and Power, Industrial	821	937	895	273	209	211	188	147
Industrial and Commercial Generation Subtotal	1,047	1,090	1,052	503	478	457	418	385
Total Net Generation	6,155	6,744	6,767	6,339	6,527	6,577	6,674	6,821
Total International Imports	2	1						
Total Supply	6,156	6,745	6,768	6,340	6,528	6,578	6,675	6,823
Disposition								
Retail Sales								
Full Service Providers	4,841	5,454	5,465	5,564	5,788	5,913	6,182	6,327
Total Electric Industry Retail Sales	4,841	5,454	5,465	5,564	5,788	5,913	6,182	6,327
Direct Use	1,046	1,042	1,064	1,078	1,079	330	289	267
Estimated Losses	345	283	338	325	361	482	504	455
Total Disposition	6,232	6,779	6,868	6,967	7,228	6,725	6,976	7,049
Net Interstate Trade ¹	-75	-34	-100	-627	-700	-147	-300	-226
Net Trade Index (ratio)	0.99	0.99	0.99	0.91	0.90	0.98	0.96	0.97

¹ The category "Net Interstate Trade" includes discrepancies arising from reported generation and sales.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Arizona		
NERC Region(s).....		WECC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	25,579	15
Electric Utilities.....	19,551	14
Independent Power Producers & Combined Heat and Power.....	6,028	17
Net Generation (megawatthours).....	113,340,970	13
Electric Utilities.....	88,825,573	13
Independent Power Producers & Combined Heat and Power.....	24,515,397	14
Emissions (thousand metric tons)		
Sulfur Dioxide	51	31
Nitrogen Oxide	79	17
Carbon Dioxide.....	55,779	16
Sulfur Dioxide (lbs/MWh)	1.0	44
Nitrogen Oxide (lbs/MWh)	1.5	35
Carbon Dioxide (lbs/MWh).....	1,085	38
Total Retail Sales (megawatthours).....	77,193,206	21
Full Service Provider Sales (megawatthours)	77,193,206	20
Direct Use (megawatthours)	1,874,487	19
Average Retail Price (cents/kWh).....	8.54	19

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Arizona			
1. Palo Verde	Nuclear	Arizona Public Service Co	3,872
2. Navajo.....	Coal	Salt River Project	2,250
3. Gila River Power Station.....	Gas	Gila River Power Station LP	2,060
4. Glen Canyon Dam	Hydroelectric	U S Bureau of Reclamation	1,312
5. Santan	Gas	Salt River Project	1,227
6. Springerville	Coal	Tucson Electric Power Co	1,205
7. Mesquite Generating Station	Gas	Mesquite Power LLC	1,073
8. Harquahala Generating Project.....	Gas	New Harquahala Generating Co, LLC	1,054
9. Hoover Dam	Hydroelectric	U S Bureau of Reclamation	1,040
10. Cholla.....	Coal	Arizona Public Service Co	1,021

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Arizona						
1. Arizona Public Service Co	Investor-Owned	29,171,321	13,771,481	12,977,708	2,422,132	-
2. Salt River Project.....	Public	27,693,624	13,366,413	11,232,847	3,094,364	-
3. Tucson Electric Power Co.....	Investor-Owned	9,634,407	4,004,797	2,305,355	3,324,255	-
4. Morenci Water and Electric Co.....	Investor-Owned	1,850,055	13,299	16,835	1,819,921	-
5. UNS Electric, Inc.....	Investor-Owned	1,681,832	854,119	628,985	198,728	-
Total Sales, Top Five Providers		70,031,239	32,010,109	27,161,730	10,859,400	-
Percent of Total State Sales		91	93	89	88	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Arizona										
Electric Utilities.....	15,164	15,284	15,699	16,193	16,141	18,860	19,566	19,551	99.0	76.4
Coal.....	5,256	5,336	5,336	5,336	5,336	5,362	5,762	5,750	34.3	22.5
Petroleum.....	248	243	263	191	108	108	86	89	1.6	0.3
Natural Gas.....	2,989	3,080	3,444	3,908	3,955	6,566	6,897	6,891	19.5	26.9
Nuclear.....	3,778	3,733	3,733	3,825	3,804	3,875	3,872	3,872	24.7	15.1
Hydroelectric.....	2,708	2,705	2,703	2,706	2,710	2,720	2,720	2,720	17.7	10.6
Other Renewables ¹	*	5	5	11	12	13	13	13	*	0.1
Pumped Storage.....	185	182	216	216	216	216	216	216	1.2	0.8
Independent Power Producers and Combined Heat and Power	157	1,437	3,743	7,316	8,162	6,044	6,041	6,028	1.0	23.6
Coal.....	51	68	68	68	68	68	68	68	0.3	0.3
Petroleum.....	7	4	4	4	4	4	4	4	*	*
Natural Gas.....	100	1,365	3,672	7,245	8,091	5,969	5,967	5,954	0.7	23.3
Other Renewables ¹	-	-	-	-	-	3	3	3	-	*
Total Electric Industry.....	15,321	16,721	19,442	23,510	24,303	24,904	25,608	25,579	100.0	100.0
Coal.....	5,307	5,404	5,404	5,404	5,404	5,430	5,830	5,818	34.6	22.7
Petroleum.....	255	247	267	195	112	112	90	93	1.7	0.4
Natural Gas.....	3,088	4,446	7,115	11,152	12,046	12,535	12,864	12,845	20.2	50.2
Nuclear.....	3,778	3,733	3,733	3,825	3,804	3,875	3,872	3,872	24.7	15.1
Hydroelectric.....	2,708	2,705	2,703	2,706	2,710	2,720	2,720	2,720	17.7	10.6
Other Renewables ¹	*	5	5	11	12	16	16	16	*	0.1
Pumped Storage.....	185	182	216	216	216	216	216	216	1.2	0.8

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Arizona										
Electric Utilities.....	78,060,498	85,807,868	81,710,063	80,348,246	81,351,521	82,914,964	84,355,976	88,825,573	99.0	78.4
Coal.....	34,219,281	39,731,623	37,957,468	37,739,559	39,419,177	39,750,729	40,056,468	40,911,234	43.4	36.1
Petroleum.....	60,927	311,787	51,061	46,706	39,414	41,127	71,761	46,137	0.1	*
Natural Gas.....	2,064,599	9,106,433	5,238,416	6,580,927	6,812,355	10,739,962	13,232,997	14,325,573	2.6	12.6
Nuclear.....	29,314,200	28,724,076	30,861,911	28,581,053	28,112,609	25,807,446	24,012,231	26,782,391	37.2	23.6
Hydroelectric.....	12,049,393	7,623,565	7,427,180	7,074,984	6,973,147	6,410,064	6,792,904	6,597,671	15.3	5.8
Other Renewables ¹	-	34,090	50,063	41,426	48,259	58,271	41,063	37,156	-	*
Pumped Storage.....	352,098	276,294	123,964	283,590	-53,440	107,365	148,552	125,411	0.4	0.1
Independent Power Producers and Combined Heat and Power.....	764,702	4,103,404	12,421,603	14,047,972	23,212,622	18,563,690	20,036,552	24,515,397	1.0	21.6
Coal.....	259,567	329,871	269,163	351,850	391,379 ^R	392,805 ^R	386,387 ^R	364,128	0.3	0.3
Petroleum.....	4,754	2,419	6,385	1,970	1,102	2,110 ^R	1,610 ^R	3,139	*	*
Natural Gas.....	419,211	3,765,767	12,054,599	12,351,714	21,452,588 ^R	18,153,051 ^R	19,636,050 ^R	24,143,648	0.5	21.3
Other Renewables ¹	81,170	5,347	3,742	3,843	4	15,724	12,504	4,483	0.1	*
Other ²	-	-	87,714	1,338,595	1,367,550	-	-	-	-	-
Total Electric Industry.....	78,825,200	89,911,272	94,131,666	94,396,218	104,564,143	101,478,654	104,392,528	113,340,970	100.0	100.0
Coal.....	34,478,848	40,061,494	38,226,631	38,091,409	39,810,556 ^R	40,143,534 ^R	40,442,855 ^R	41,275,362	43.7	36.4
Petroleum.....	65,681	314,206	57,446	48,676	40,516	43,237 ^R	73,371 ^R	49,276	0.1	*
Natural Gas.....	2,483,810	12,872,200	17,293,015	18,932,641	28,264,943 ^R	28,893,013 ^R	32,869,047 ^R	38,469,221	3.2	33.9
Nuclear.....	29,314,200	28,724,076	30,861,911	28,581,053	28,112,609	25,807,446	24,012,231	26,782,391	37.2	23.6
Hydroelectric.....	12,049,393	7,623,565	7,427,180	7,074,984	6,973,147	6,410,064	6,792,904	6,597,671	15.3	5.8
Other Renewables ¹	81,170	39,437	53,805	45,269	48,263	73,995	53,567	41,639	0.1	*
Pumped Storage.....	352,098	276,294	123,964	283,590	-53,440	107,365	148,552	125,411	0.4	0.1
Other ²	-	-	87,714	1,338,595	1,367,550	-	-	-	-	-

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Arizona								
Coal (cents per million Btu)	142	125	W	W	W	W	W	W
Average heat value (Btu per pound).....	10,159	10,145	10,232	10,081	10,211	10,088	10,011	9,946
Average sulfur Content (percent)	0.54	0.58	0.60	0.64	0.57	0.57	0.57	0.57
Petroleum (cents per million Btu).....	532	706	W	W	W	1,403	1,625	1,671
Average heat value (Btu per gallon).....	140,336	143,333	139,567	139,550	133,595	140,912	139,114	140,914
Average sulfur Content (percent).....	0.24	0.77	0.07	0.20	0.25	0.31	0.16	0.38
Natural Gas (cents per million Btu).....	294	460	320	506	572	804	636	670
Average heat value (Btu per cubic foot).....	1,014	1,020	1,021	1,021	1,021	1,025	1,018	1,022

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Arizona								
Sulfur Dioxide								
Coal.....	118 ^R	66	64	63	55	48	45	51
Petroleum.....	*	1	*	*	*	*	*	*
Natural Gas	*	*	*	*	*	*	*	*
Other Renewables ¹	1 ^R	-	-	-	-	-	* ^R	-
Total	119 ^R	67 ^R	64 ^R	63 ^R	55 ^R	48 ^R	45 ^R	51
Nitrogen Oxide								
Coal.....	70 ^R	76	74	73	73	71	71	74
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas	6 ^R	12	9	10	4	4	4	4
Other Gases.....	-	-	-	-	-	*	*	*
Other Renewables ¹	*	*	*	*	*	*	*	*
Total	76 ^R	89 ^R	83 ^R	83 ^R	78 ^R	75 ^R	75 ^R	79
Carbon Dioxide								
Coal.....	34,288	39,107	37,404	37,538	39,225	39,507	39,867	40,546
Petroleum.....	56	299	51	43	40	35	58	40
Natural Gas	1,471	6,988	7,858	9,077	12,992	11,814	13,429	15,192
Other ²	-	-	108 ^R	-	-	-	-	-
Total	35,815 ^R	46,394 ^R	45,421 ^R	46,657 ^R	52,257 ^R	51,357 ^R	53,353 ^R	55,779

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Arizona										
Retail Sales (thousand megawatthours)										
Residential	20,683	26,200	26,413	27,742	28,921	30,544	32,367	34,437	38.0	44.6
Commercial	17,788	22,045	22,371	25,425	26,106	27,468	28,626	30,475	32.7	39.5
Industrial	13,253	11,377	11,026	10,914	11,906	11,379	12,259	12,281	24.3	15.9
Other ¹	2,732	2,652	2,791	NA	NA	NA	NA	NA	5.0	--
All Sectors	54,456	62,274	62,601	64,080	66,933	69,391	73,253	77,193	100.0	100.0
Retail Revenue (million dollars)										
Residential	1,824	2,174	2,185	2,316	2,447	2,707	3,042	3,328	45.4	50.5
Commercial	1,394	1,624	1,629	1,803	1,901	2,032	2,295	2,519	34.7	38.2
Industrial	669	597	573	587	637	665	698	743	16.7	11.3
Other ¹	132	131	127	NA	NA	NA	NA	NA	3.3	--
All Sectors	4,019	4,526	4,514	4,706	4,985	5,404	6,034	6,590	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	8.82	8.30	8.27	8.35	8.46	8.86	9.40	9.66	--	--
Commercial	7.83	7.37	7.28	7.09	7.28	7.40	8.02	8.27	--	--
Industrial	5.05	5.24	5.20	5.37	5.35	5.85	5.69	6.05	--	--
Other ¹	4.84	4.93	4.56	NA	NA	NA	NA	NA	--	--
All Sectors	7.38	7.27	7.21	7.34	7.45	7.79	8.24	8.54	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Arizona								
Number of Entities	5	28	3	9	NA	NA	NA	45
Number of Retail Customers	1,589,122	1,025,566	19,281	178,829	NA	NA	NA	2,812,798
Retail Sales (thousand megawatthours)	42,350	30,349	1,596	2,897	NA	NA	NA	77,193
Percentage of Retail Sales	54.86	39.32	2.07	3.75	--	--	--	100.00
Revenue from Retail Sales (million dollars)	3,847	2,371	69	302	NA	NA	NA	6,590
Percentage of Revenue	58.39	35.99	1.05	4.58	--	--	--	100.00
Average Retail Price (cents/kWh)	9.08	7.81	4.33	10.41	NA	NA	NA	8.54

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Arizona								
Supply								
Generation								
Electric Utilities.....	78,060	85,808	81,710	80,348	81,352	82,915	84,356	88,826
Independent Power Producers	-	3,290	10,954	11,851	20,891	16,390	17,617	22,209
Combined Heat and Power, Electric	383	459	1,153	1,823	1,874	1,689	1,959	1,853
Electric Power Sector Generation Subtotal	78,443	89,557	93,817	94,023	104,116	100,994	103,932	112,888
Combined Heat and Power, Commercial	19	23	18	17	51	72	72	71
Combined Heat and Power, Industrial.....	363	332	296	356	397	413	389	382
Industrial and Commercial Generation Subtotal.....	382	355	314	374	448	484	461	453
Total Net Generation.....	78,825	89,911	94,132	94,396	104,564	101,479	104,393	113,341
Total International Imports.....	163	55	83	55^R	171	103^R	128	223
Total Supply	78,988	89,966	94,214	94,451^R	104,735	101,582^R	104,520	113,564
Disposition								
Retail Sales								
Full Service Providers	54,456	62,274	62,601	64,080	66,933	69,391	73,253	77,193
Total Electric Industry Retail Sales.....	54,456	62,274	62,601	64,080	66,933	69,391	73,253	77,193
Direct Use	382	361	369	374	374	502	269	1,874
Total International Exports.....	48	-	69	71	94	179	310	221
Estimated Losses.....	3,884	2,988	4,399	3,669^R	4,568	5,364	5,411	6,031
Total Disposition	58,770	65,624	67,437	68,194^R	71,969	75,436	79,242	85,320
Net Interstate Trade	20,218	24,342	26,777	26,258^R	32,767	26,146^R	25,278	28,244
Net Trade Index (ratio)	1.34	1.37	1.40	1.39	1.46	1.35	1.32	1.33

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Arkansas		
NERC Region(s).....		SERC/SPP
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	15,296	26
Electric Utilities.....	11,467	22
Independent Power Producers & Combined Heat and Power.....	3,828	26
Net Generation (megawatthours).....	54,596,236	26
Electric Utilities.....	45,522,928	21
Independent Power Producers & Combined Heat and Power.....	9,073,308	31
Emissions (thousand metric tons)		
Sulfur Dioxide	82	27
Nitrogen Oxide.....	41	33
Carbon Dioxide.....	29,852	32
Sulfur Dioxide (lbs/MWh)	3.3	27
Nitrogen Oxide (lbs/MWh)	1.7	34
Carbon Dioxide (lbs/MWh).....	1,205	34
Total Retail Sales (megawatthours).....	47,054,891	30
Full Service Provider Sales (megawatthours)	47,054,891	27
Direct Use (megawatthours)	1,995,012	17
Average Retail Price (cents/kWh).....	6.96	38

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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	1,838
3. Independence	Coal	Entergy Arkansas Inc	1,678
4. White Bluff	Coal	Entergy Arkansas Inc	1,640
6. Lake Catherine.....	Gas	Entergy Arkansas Inc	735
7. Dell Power Station.....	Gas	Associated Electric Coop, Inc	679
8. KGen Hot Spring Generating Facility.....	Gas	DEGS of O&M, LLC	652
9. Hot Spring Power Project.....	Gas	Hot Spring Power Co LLC	642
10. Harry L. Oswald	Gas	Arkansas Electric Coop Corp	548

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Arkansas						
1. Entergy Arkansas Inc.....	Investor-Owned	21,370,955	7,725,423	6,221,197	7,424,335	-
2. Southwestern Electric Power Co.....	Investor-Owned	4,252,085	1,121,963	1,390,176	1,739,946	-
3. Mississippi County Electric Coop.....	Cooperative	3,394,005	62,353	19,230	3,312,422	-
4. Oklahoma Gas & Electric Co.....	Investor-Owned	2,815,272	724,796	886,589	1,203,887	-
5. First Electric Coop Corp.....	Cooperative	1,675,469	1,092,816	169,355	413,298	-
Total Sales, Top Five Providers.....		33,507,786	10,727,351	8,686,547	14,093,888	-
Percent of Total State Sales.....		71	62	74	79	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Arkansas										
Electric Utilities.....	9,688	9,615	9,551	9,777	9,772	10,434	10,669	11,467	96.1	75.0
Coal.....	3,865	3,741	3,757	3,745	3,745	3,793	3,846	3,846	38.3	25.1
Petroleum.....	308	29	25	25	25	23	23	22	3.1	0.1
Natural Gas.....	2,494	2,645	2,578	2,752	2,750	3,369	3,561	4,414	24.7	28.9
Nuclear.....	1,694	1,782	1,776	1,840	1,837	1,834	1,824	1,838	16.8	12.0
Hydroelectric.....	1,299	1,391	1,387	1,387	1,387	1,387	1,387	1,320	12.9	8.6
Pumped Storage.....	28	28	28	28	28	28	28	28	0.3	0.2
Independent Power Producers and Combined Heat and Power.....	395	505	1,750	3,772	3,766	3,625	3,838	3,828	3.9	25.0
Petroleum.....	3	-	-	-	-	-	-	-	*	-
Natural Gas.....	56	234	1,448	3,468	3,468	3,327	3,535	3,525	0.6	23.0
Hydroelectric.....	1	1	1	1	1	1	1	1	*	*
Other Renewables ¹	335	270	301	303	297	297	302	302	3.3	2.0
Total Electric Industry.....	10,083	10,120	11,300	13,549	13,538	14,059	14,507	15,296	100.0	100.0
Coal.....	3,865	3,741	3,757	3,745	3,745	3,793	3,846	3,846	38.3	25.1
Petroleum.....	311	29	25	25	25	23	23	22	3.1	0.1
Natural Gas.....	2,550	2,878	4,026	6,220	6,218	6,696	7,096	7,939	25.3	51.9
Nuclear.....	1,694	1,782	1,776	1,840	1,837	1,834	1,824	1,838	16.8	12.0
Hydroelectric.....	1,300	1,392	1,388	1,388	1,388	1,388	1,389	1,321	12.9	8.6
Other Renewables ¹	335	270	301	303	297	297	302	302	3.3	2.0
Pumped Storage.....	28	28	28	28	28	28	28	28	0.3	0.2

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Arkansas										
Electric Utilities.....	42,789,637	44,728,133	42,873,364	41,636,514	45,055,455	40,545,220	42,068,467	45,522,928	94.7	83.4
Coal.....	22,760,970	24,678,344	22,986,650	23,422,401	25,248,810	22,940,659	24,095,405	25,642,175	50.4	47.0
Petroleum.....	66,622	846,105	136,134	263,982	476,133	162,961	135,291	76,212	0.1	0.1
Natural Gas.....	2,242,628	1,874,675	1,755,867	597,283	208,148	645,578	1,039,917	1,052,632	5.0	1.9
Nuclear.....	14,208,157	14,780,789	14,558,884	14,689,416	15,449,851	13,689,571	15,232,577	15,486,102	31.4	28.4
Hydroelectric.....	3,511,260	2,548,220	3,435,829	2,653,347	3,647,768	3,085,749	1,550,558	3,236,203	7.8	5.9
Pumped Storage.....	-	-	-	10,085	24,745	20,702	14,719	29,604	-	0.1
Independent Power Producers and Combined Heat and Power.....	2,403,963	2,463,902	4,738,281	8,764,588	6,872,177^R	7,249,289	10,100,236	9,073,308	5.3	16.6
Coal.....	49,400	86,127	111,720	81,765	104,753 ^R	96,485 ^R	87,645 ^R	102,005	0.1	0.2
Petroleum.....	7,281	33,288	23,572	24,924	62,808 ^R	45,140 ^R	25,452 ^R	17,941	*	*
Natural Gas.....	756,356	832,225	2,847,091	6,703,577	4,860,616 ^R	5,360,082 ^R	8,242,469 ^R	7,311,619	1.7	13.4
Other Gases ¹	265	-	-	-	-	-	-	-	*	-
Hydroelectric.....	4,444	30	-	1,271	-4,329	-3,233	-	550	*	*
Other Renewables ²	1,586,217	1,511,997	1,585,266	1,843,889	1,810,380 ^R	1,735,523 ^R	1,722,805 ^R	1,623,744	3.5	3.0
Other ³	-	235	170,631	109,161	37,950 ^R	15,293 ^R	21,865 ^R	17,449	-	*
Total Electric Industry.....	45,193,600	47,192,035	47,611,645	50,401,102	51,927,632^R	47,794,509	52,168,703	54,596,236	100.0	100.0
Coal.....	22,810,370	24,764,471	23,098,370	23,504,166	25,353,563 ^R	23,037,144 ^R	24,183,050 ^R	25,744,180	50.5	47.2
Petroleum.....	73,903	879,393	159,706	288,906	538,941 ^R	208,101 ^R	160,743 ^R	94,153	0.2	0.2
Natural Gas.....	2,998,984	2,706,900	4,602,958	7,300,860	5,068,764 ^R	6,005,660 ^R	9,282,386 ^R	8,364,251	6.6	15.3
Other Gases ¹	265	-	-	-	-	-	-	-	*	-
Nuclear.....	14,208,157	14,780,789	14,558,884	14,689,416	15,449,851	13,689,571	15,232,577	15,486,102	31.4	28.4
Hydroelectric.....	3,515,704	2,548,250	3,435,829	2,654,618	3,643,439	3,082,516	1,550,558	3,236,753	7.8	5.9
Other Renewables ²	1,586,217	1,511,997	1,585,266	1,843,889	1,810,380 ^R	1,735,523 ^R	1,722,805 ^R	1,623,744	3.5	3.0
Pumped Storage.....	-	-	-	10,085	24,745	20,702	14,719	29,604	-	0.1
Other ³	-	235	170,631	109,161	37,950 ^R	15,293 ^R	21,865 ^R	17,449	-	*

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	164	87	84	120	123	146	147	160
Average heat value (Btu per pound).....	8,707	8,715	8,685	8,758	8,761	8,745	8,778	8,717
Average sulfur Content (percent)	0.33	0.28	0.28	0.28	0.28	0.27	0.29	0.26
Petroleum (cents per million Btu).....	470	626	550	646	726	1,001	1,356	1,479
Average heat value (Btu per gallon).....	140,074	150,952	140,726	140,479	140,321	140,450	141,386	140,424
Average sulfur Content (percent)	0.29	0.45	0.44	0.41	0.46	0.49	0.51	0.46
Natural Gas (cents per million Btu).....	262	429	351	423	602	834	621	686
Average heat value (Btu per cubic foot).....	1,029	1,030	1,020	1,033	1,029	1,031	1,027	1,026

Btu = British thermal unit.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Arkansas								
Sulfur Dioxide								
Coal.....	79 ^R	68	64	65	71	60	66	65
Petroleum.....	*	4	1	2	3	1	1	1
Natural Gas	*	*	*	*	*	*	*	*
Other Renewables ¹	13 ^R	12 ^R	12 ^R	13 ^R	13 ^R	36 ^R	15 ^R	16
Other ²	*	-	-	-	-	1 ^R	*	*
Total.....	93 ^R	84 ^R	77 ^R	79 ^R	87 ^R	97 ^R	82 ^R	82
Nitrogen Oxide								
Coal.....	38	41	37	37	37	32	31	34
Petroleum.....	*	1	*	*	1	*	*	*
Natural Gas	8 ^R	4	4	6	2	2	2	2
Other Renewables ¹	5 ^R	4 ^R	4 ^R	5 ^R	5 ^R	10 ^R	5 ^R	6
Other ²	*	-	-	-	-	*	*	*
Total.....	51 ^R	50 ^R	45 ^R	49 ^R	44 ^R	44 ^R	38 ^R	41
Carbon Dioxide								
Coal.....	23,093	25,434	23,892	23,564	25,182	23,016	23,990	25,751
Petroleum.....	70	743	207	263	554	274	212	126
Natural Gas	3,032	1,854	2,844	3,415	2,649	3,026	4,218	3,910
Other ²	20 ^R	*	-	-	2 ^R	44 ^R	74 ^R	65
Total.....	26,216 ^R	28,032 ^R	26,943 ^R	27,242 ^R	28,388 ^R	26,360 ^R	28,494 ^R	29,852

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Arkansas										
Retail Sales (thousand megawatthours)										
Residential	12,990	15,104	15,527	15,598	15,619	17,134	17,065	17,415	35.2	37.0
Commercial	7,597	9,153	9,304	10,568	10,731	11,366	11,581	11,801	20.6	25.1
Industrial	15,632	16,734	16,887	16,942	17,322	17,665	17,990	17,839	42.4	37.9
Other ¹	638	741	731	NA	NA	NA	NA	NA	1.7	--
All Sectors	36,858	41,732	42,450	43,108	43,672	46,165	46,636	47,055	100.0	100.0
Retail Revenue (million dollars)										
Residential	1,013	1,165	1,126	1,130	1,150	1,371	1,511	1,521	44.7	46.5
Commercial	515	567	528	585	605	703	806	816	22.7	24.9
Industrial	695	741	678	685	720	837	943	936	30.7	28.6
Other ¹	42	51	48	NA	NA	NA	NA	NA	1.9	--
All Sectors	2,266	2,524	2,380	2,399	2,475	2,910	3,260	3,273	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.80	7.72	7.25	7.24	7.36	8.00	8.85	8.73	--	--
Commercial	6.78	6.19	5.68	5.54	5.64	6.18	6.96	6.91	--	--
Industrial	4.45	4.43	4.01	4.04	4.16	4.74	5.24	5.25	--	--
Other ¹	6.61	6.91	6.52	NA	NA	NA	NA	NA	--	--
All Sectors	6.15	6.05	5.61	5.57	5.67	6.30	6.99	6.96	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Arkansas								
Number of Entities	4	15	NA	17	NA	NA	NA	36
Number of Retail Customers	865,726	176,186	NA	461,765	NA	NA	NA	1,503,677
Retail Sales (thousand megawatthours)	28,591	6,080	NA	12,384	NA	NA	NA	47,055
Percentage of Retail Sales	60.76	12.92	--	26.32	--	--	--	100.00
Revenue from Retail Sales (million dollars)	1,952	419	NA	902	NA	NA	NA	3,273
Percentage of Revenue	59.65	12.79	--	27.56	--	--	--	100.00
Average Retail Price (cents/kWh)	6.83	6.89	NA	7.28	NA	NA	NA	6.96

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Arkansas								
Supply								
Generation								
Electric Utilities.....	42,790	44,728	42,873	41,637	45,055	40,545	42,068	45,523
Independent Power Producers	4	*	1,247	5,030	3,204	3,997	6,966	6,311
Combined Heat and Power, Electric	-	539	1,304	1,550	1,436	1,215	1,151	847
Electric Power Sector Generation Subtotal	42,794	45,267	45,425	48,216	49,695	45,757	50,186	52,681
Combined Heat and Power, Commercial	42	9	8	7	4	4	4	2
Combined Heat and Power, Industrial.....	2,358	1,916	2,179	2,177	2,228	2,033	1,979	1,913
Industrial and Commercial Generation Subtotal.....	2,400	1,925	2,187	2,185	2,232	2,037	1,983	1,915
Total Net Generation.....	45,194	47,192	47,612	50,401	51,928	47,795	52,169	54,596
Total Supply	45,194	47,192	47,612	50,401	51,928	47,795	52,169	54,596
Disposition								
Retail Sales								
Full Service Providers	36,858	41,732	42,450	42,841	43,417	46,055	46,636	47,055
Facility Direct Retail Sales.....	-	-	-	267	256	110	-	-
Total Electric Industry Retail Sales.....	36,858	41,732	42,450	43,108	43,672	46,165	46,636	47,055
Direct Use	2,375	2,313	2,363	2,393	2,396	2,083	2,054	1,995
Estimated Losses.....	2,629	2,953	3,874	3,192^R	3,691	4,080	3,449	4,293
Total Disposition	41,861	46,998	48,687	48,693^R	49,759	52,328	52,139	53,343
Net Interstate Trade.....	3,332	194	-1,075	1,708^R	2,169	-4,533	30	1,254
Net Trade Index (ratio)	1.08	1.00	0.98	1.04	1.04	0.91	1.00	1.02

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
California		
NERC Region(s).....		WECC
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	63,813	2
Electric Utilities.....	26,334	3
Independent Power Producers & Combined Heat and Power.....	37,479	4
Net Generation (megawatthours).....	210,847,581	4
Electric Utilities.....	87,348,589	14
Independent Power Producers & Combined Heat and Power.....	123,498,992	4
Emissions (thousand metric tons)		
Sulfur Dioxide	23	39
Nitrogen Oxide.....	89	14
Carbon Dioxide.....	62,780	14
Sulfur Dioxide (lbs/MWh)	0.2	48
Nitrogen Oxide (lbs/MWh)	0.9	42
Carbon Dioxide (lbs/MWh).....	656	46
Total Retail Sales (megawatthours)	264,234,911	2
Full Service Provider Sales (megawatthours)	244,616,451	2
Deregulated Sales (megawatthours)	19,618,460	5
Direct Use (megawatthours)	16,818,049	3
Average Retail Price (cents/kWh).....	12.80	10

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
California			
1. Moss Landing Power Plant.....	Gas	Dynegy -Moss Landing LLC	2,529
2. Diablo Canyon.....	Nuclear	Pacific Gas & Electric Co	2,240
3. San Onofre.....	Nuclear	Southern California Edison Co	2,150
4. AES Alamosa LLC	Gas	AES Alamosa 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

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Southern California Edison Co.....	Investor-Owned	79,505,231	29,824,161	40,959,706	8,656,853	64,511
2. Pacific Gas & Electric Co.....	Investor-Owned	79,450,903	30,748,883	37,179,519	11,522,501	-
3. Los Angeles City of.....	Public	24,317,283	7,533,956	14,248,116	2,386,497	148,714
4. San Diego Gas & Electric Co.....	Investor-Owned	17,055,998	7,529,815	7,152,187	2,274,876	99,120
5. Sacramento Municipal Util Dist.....	Public	10,817,859	4,612,303	698,532	5,473,894	33,130
Total Sales, Top Five Providers		211,147,274	80,249,118	100,238,060	30,314,621	345,475
Percent of Total State Sales		80	90	81	60	41

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
California										
Electric Utilities.....	43,709	24,405	24,609	23,223	23,867	25,248	26,346	26,334	81.2	41.3
Petroleum.....	1,072	524	296	297	297	297	245	226	2.0	0.4
Natural Gas.....	23,193	5,733	5,954	5,042	5,567	6,850	7,917	8,188	43.1	12.8
Nuclear.....	4,310	4,324	4,324	4,324	4,324	4,324	4,390	4,390	8.0	6.9
Hydroelectric.....	9,807	9,848	10,040	9,716	9,840	9,849	9,844	9,505	18.2	14.9
Other Renewables ¹	1,597	247	265	156	150	240	261	337	3.0	0.5
Pumped Storage.....	3,730	3,730	3,730	3,688	3,688	3,688	3,688	3,688	6.9	5.8
Independent Power Producers and Combined Heat and Power	10,149	30,077	32,054	34,628	34,440	36,460	36,867	37,479	18.8	58.7
Coal.....	420	363	352	358	389	389	389	389	0.8	0.6
Petroleum.....	176	558	541	527	541	543	544	528	0.3	0.8
Natural Gas.....	4,966	23,712	25,758	28,248	27,871	29,850	30,084	30,368	9.2	47.6
Other Gases ²	171	281	226	225	235	191	171	262	0.3	0.4
Hydroelectric.....	588	483	323	232	238	239	239	536	1.1	0.8
Other Renewables ¹	3,819	4,669	4,837	5,022	5,158	5,240	5,431	5,397	7.1	8.5
Other ³	9	13	17	17	8	8	8	-	*	-
Total Electric Industry.....	53,858	54,482	56,663	57,850	58,306	61,707	63,213	63,813	100.0	100.0
Coal.....	420	363	352	358	389	389	389	389	0.8	0.6
Petroleum.....	1,248	1,082	837	824	838	840	789	754	2.3	1.2
Natural Gas.....	28,160	29,444	31,712	33,290	33,438	36,700	38,001	38,556	52.3	60.4
Other Gases ²	171	281	226	225	235	191	171	262	0.3	0.4
Nuclear.....	4,310	4,324	4,324	4,324	4,324	4,324	4,390	4,390	8.0	6.9
Hydroelectric.....	10,394	10,331	10,364	9,947	10,078	10,088	10,083	10,041	19.3	15.7
Other Renewables ¹	5,416	4,916	5,102	5,177	5,308	5,479	5,693	5,734	10.1	9.0
Pumped Storage.....	3,730	3,730	3,730	3,688	3,688	3,688	3,688	3,688	6.9	5.8
Other ³	9	13	17	17	8	8	8	-	*	-

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
California										
Electric Utilities.....	112,183,063	70,132,656	74,588,271	81,728,209	75,177,122	89,348,213	100,338,454	87,348,589	64.9	41.4
Petroleum.....	141,872	316,691	43,933	50,996	51,482	57,974	58,991	65,296	0.1	*
Natural Gas.....	36,300,778	11,918,703	8,808,012	9,873,371	10,759,580	12,982,348	19,805,412	22,896,497	21.0	10.9
Nuclear.....	30,512,118	33,219,520	34,352,340	35,593,789	30,267,887	36,154,898	31,958,621	35,792,490	17.7	17.0
Hydroelectric.....	38,783,138	24,817,842	30,236,644	35,782,738	33,608,686	38,826,653	47,127,134	26,926,661	22.4	12.8
Other Renewables ¹	5,431,253	209,589	1,333,863	1,339,627	1,306,318	1,206,547	1,292,159	1,357,866	3.1	0.6
Pumped Storage.....	1,013,904	-349,689	-240,997	-912,313	-816,831	119,793	96,137	309,779	0.6	0.1
Other ²	-	-	54,476	-	-	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	60,614,532	128,463,419	109,621,760	111,060,333	119,603,233^R	110,944,605	116,460,234	123,498,992	35.1	58.6
Coal.....	2,331,970	2,232,851	2,327,809	2,326,305	2,237,808 ^R	2,135,375 ^R	2,235,342 ^R	2,298,306	1.3	1.1
Petroleum.....	1,950,320	2,738,202	1,917,132	2,341,253	2,211,415 ^R	2,485,723 ^R	2,309,183 ^R	2,268,678	1.1	1.1
Natural Gas.....	34,701,286	100,013,568	80,816,032	81,558,809	89,462,653 ^R	80,371,501 ^R	85,885,704 ^R	92,803,974	20.1	44.0
Other Gases ³	2,984,277	1,130,499	1,240,053	1,759,015	2,065,965 ^R	2,279,584 ^R	2,022,446 ^R	1,818,106	1.7	0.9
Hydroelectric.....	2,271,408	723,934	903,984	587,965	532,244 ^R	805,214	920,246	401,090	1.3	0.2
Other Renewables ¹	16,353,591	21,420,027	22,073,117	22,205,492	22,664,581 ^R	22,447,700 ^R	22,623,236 ^R	23,487,391	9.5	11.1
Other ²	21,680	204,338	343,632	281,495	428,567 ^R	419,508 ^R	464,077 ^R	421,447	*	0.2
Total Electric Industry.....	172,797,595	198,596,075	184,210,031	192,788,542	194,780,355^R	200,292,818	216,798,688	210,847,581	100.0	100.0
Coal.....	2,331,970	2,232,851	2,327,809	2,326,305	2,237,808 ^R	2,135,375 ^R	2,235,342 ^R	2,298,306	1.3	1.1
Petroleum.....	2,092,192	3,054,893	1,961,065	2,392,249	2,262,897 ^R	2,543,697 ^R	2,368,174 ^R	2,333,974	1.2	1.1
Natural Gas.....	71,002,064	111,932,271	89,624,044	91,432,180	100,222,233 ^R	93,353,849 ^R	105,691,116 ^R	115,700,470	41.1	54.9
Other Gases ³	2,984,277	1,130,499	1,240,053	1,759,015	2,065,965 ^R	2,279,584 ^R	2,022,446 ^R	1,818,106	1.7	0.9
Nuclear.....	30,512,118	33,219,520	34,352,340	35,593,789	30,267,887	36,154,898	31,958,621	35,792,490	17.7	17.0
Hydroelectric.....	41,054,546	25,541,776	31,140,628	36,370,703	34,140,929	39,631,867	48,047,380	27,327,751	23.8	13.0
Other Renewables ¹	21,784,844	21,629,616	23,406,980	23,545,119	23,970,899 ^R	23,654,247 ^R	23,915,395 ^R	24,845,257	12.6	11.8
Pumped Storage.....	1,013,904	-349,689	-240,997	-912,313	-816,831	119,793	96,137	309,779	0.6	0.1
Other ²	21,680	204,338	398,108	281,495	428,567 ^R	419,508 ^R	464,077 ^R	421,447	*	0.2

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

³ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	-	-	180	173	188	W	W	W
Average heat value (Btu per pound).....	-	-	11,854	11,943	12,205	12,027	12,184	11,868
Average sulfur Content (percent).....	-	-	0.48	0.68	0.75	0.79	0.86	0.59
Petroleum (cents per million Btu).....	-	601	114	266	298	429	494	471
Average heat value (Btu per gallon).....	-	131,667	137,952	124,229	134,633	129,557	128,124	125,131
Average sulfur Content (percent).....	-	0.95	1.87	0.94	1.19	0.93	0.99	0.97
Natural Gas (cents per million Btu).....	302	929	372	537	589	786	659	659
Average heat value (Btu per cubic foot).....	1,019	1,020	1,019	1,026	1,027	1,025	1,026	1,025

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
California								
Sulfur Dioxide								
Coal.....	26 ^R	5	2	3	2	3	3	3
Petroleum.....	98 ^R	34	66	13	18	21	21	18
Natural Gas.....	*	*	*	*	*	*	*	*
Other Gases.....	*	* ^R	*	*	*	*	*	*
Other Renewables ¹	2 ^R	1 ^R	2 ^R	2				
Other ²	2 ^R	*	*	*	*	*	*	*
Total.....	128 ^R	41 ^R	70 ^R	18 ^R	22 ^R	26 ^R	27 ^R	23
Nitrogen Oxide								
Coal.....	9 ^R	5	3	3	3	3	3	3
Petroleum.....	18 ^R	11	9	6	4	5	5	4
Natural Gas.....	88 ^R	72	61	77	70	57	58	58
Other Gases.....	3 ^R	1 ^R	2 ^R	2 ^R	3 ^R	3 ^R	3 ^R	3
Other Renewables ¹	13 ^R	17 ^R	14 ^R	17 ^R	17 ^R	18 ^R	21 ^R	20
Other ²	2 ^R	1						
Total.....	133 ^R	107 ^R	90 ^R	106 ^R	98 ^R	86 ^R	91 ^R	89
Carbon Dioxide								
Coal.....	3,636	3,791	3,986	3,847	3,905	3,698	3,853	3,883
Petroleum.....	2,871	3,889	3,019	3,076	2,962	3,292	3,237	3,112
Natural Gas.....	42,526	62,934	51,021	48,365	52,271	47,034	51,620	55,105
Geothermal.....	323 ^R	310 ^R	333 ^R	330 ^R	333 ^R	331 ^R	326 ^R	330
Other ²	478 ^R	334 ^R	1,311 ^R	366 ^R	348 ^R	325 ^R	353 ^R	350
Total.....	49,834 ^R	71,258 ^R	59,669 ^R	55,983 ^R	59,820 ^R	54,680 ^R	59,389 ^R	62,780

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
California										
Retail Sales (thousand megawatthours)										
Residential	73,086	76,668	77,202	82,926	83,361	85,610	89,836	89,158	32.1	33.7
Commercial	83,574	96,459	102,587	109,578	118,953	117,551	121,255	123,690	36.7	46.8
Industrial	62,017	63,041	48,448	49,909	48,812	50,242	50,991	50,538	27.2	19.1
Other ¹	9,203	11,591	6,976	NA	NA	NA	NA	NA	4.0	--
Transportation.....	NA	NA	NA	809	900	846	877	848	--	0.3
All Sectors	227,880	247,759	235,213	243,221	252,026	254,250	262,959	264,235	100.0	100.0
Retail Revenue (million dollars).....										
Residential	8,405	9,269	9,759	10,142	10,168	10,708	12,876	12,860	38.6	38.0
Commercial	8,343	11,716	13,710	13,672	13,846	14,007	15,636	15,854	38.4	46.9
Industrial	4,312	5,819	4,752	4,787	4,526	4,797	5,145	5,046	19.8	14.9
Other ¹	690	983	460	NA	NA	NA	NA	NA	3.2	--
Transportation.....	NA	NA	NA	47	58	55	55	71	--	0.2
All Sectors	21,751	27,787	28,680	28,648	28,598	29,567	33,712	33,831	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	11.50	12.09	12.64	12.23	12.20	12.51	14.33	14.42	--	--
Commercial	9.98	12.15	13.36	12.48	11.64	11.92	12.90	12.82	--	--
Industrial	6.95	9.23	9.81	9.59	9.27	9.55	10.09	9.98	--	--
Other ¹	7.50	8.48	6.60	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	5.80	6.42	6.55	6.29	8.37	--	--
All Sectors	9.54	11.22	12.19	11.78	11.35	11.63	12.82	12.80	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
California								
Number of Entities.....	6	36	1	4	15	10	3	75
Number of Retail Customers	11,460,443	3,165,535	69	16,237	25	41,762	NA	14,684,071
Retail Sales (thousand megawatthours).....	177,582	62,460	2,679	312	1,583	19,618	NA	264,235
Percentage of Retail Sales	67.21	23.64	1.01	0.12	0.60	7.42	--	100.00
Revenue from Retail Sales (million dollars)	24,869	6,431	68	33	117	1,534	778	33,831
Percentage of Revenue	73.51	19.01	0.20	0.10	0.35	4.53	2.30	100.00
Average Retail Price (cents/kWh).....	14.00	10.30	2.55	10.58	7.41	7.82	3.97	12.80

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
California								
Supply								
Generation								
Electric Utilities.....	112,183	70,133	74,588	81,728	75,177	89,348	100,338	87,349
Independent Power Producers	18,587	88,665	63,545	65,429	75,928	68,721	76,509	82,491
Combined Heat and Power, Electric	21,932	21,305	26,976	25,458	24,567	23,459	21,399	22,342
Electric Power Sector Generation Subtotal	152,701	180,103	165,109	172,616	175,672	181,527	198,247	192,181
Combined Heat and Power, Commercial	2,032	1,825	1,958	2,071	1,918	2,151	2,118	2,131
Combined Heat and Power, Industrial.....	18,064	16,669	17,142	18,102	17,191	16,614	16,434	16,536
Industrial and Commercial Generation Subtotal	20,096	18,493	19,101	20,173	19,109	18,765	18,552	18,666
Total Net Generation	172,798	198,596	184,210	192,789	194,780	200,293	216,799	210,848
Total International Imports	1,671	3,420	2,067	4,148^R	1,291	5,630^R	2,936	5,797
Total Supply	174,469	202,016	186,277	196,937^R	196,071	205,923^R	219,735	216,645
Disposition								
Retail Sales								
Full Service Providers	227,876	237,661	212,572	217,641	225,896	228,582	239,307	243,034
Energy-Only Providers.....	4	10,098	22,641	23,896	24,625	23,406	21,223	19,618
Facility Direct Retail Sales.....	-	-	-	1,684	1,505	2,262	2,428	1,583
Total Electric Industry Retail Sales	227,880	247,759	235,213	243,221	252,026	254,250	262,959	264,235
Direct Use	12,577	14,674	14,993	15,183	15,199	11,673	14,030	16,818
Total International Exports	352	365	197	23	48	103	565	293
Estimated Losses	16,255	18,840	11,154	21,259^R	19,245^R	18,569^R	20,957	20,721
Total Disposition	257,064	281,638	261,557	279,687^R	286,519	284,594	298,510	302,067
Net Interstate Trade	-82,595	-79,622	-75,281	-82,750^R	-90,447^R	-78,671^R	-78,775	-85,422
Net Trade Index (ratio)	0.68	0.72	0.71	0.70^R	0.68	0.72^R	0.74	0.72

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Colorado		
NERC Region(s).....		WECC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	12,288	31
Electric Utilities.....	8,008	28
Independent Power Producers & Combined Heat and Power.....	4,280	23
Net Generation (megawatthours).....	53,907,492	28
Electric Utilities.....	42,353,281	28
Independent Power Producers & Combined Heat and Power.....	11,554,211	29
Emissions (thousand metric tons)		
Sulfur Dioxide	59	30
Nitrogen Oxide.....	67	22
Carbon Dioxide.....	42,990	24
Sulfur Dioxide (lbs/MWh)	2.4	35
Nitrogen Oxide (lbs/MWh)	2.7	17
Carbon Dioxide (lbs/MWh).....	1,758	13
Total Retail Sales (megawatthours).....	51,299,156	27
Full Service Provider Sales (megawatthours)	51,299,156	25
Direct Use (megawatthours)	609,874	38
Average Retail Price (cents/kWh).....	7.76	28

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Colorado			
1. Craig	Coal	Tri-State G & T Assn, Inc	1,274
2. Cherokee	Coal	Public Service Co of Colorado	723
3. Fort St Vrain	Gas	Public Service Co of Colorado	695
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

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Public Service Co of Colorado	Investor-Owned	28,085,887	8,903,904	13,074,050	6,063,634	44,299
2. Colorado Springs City of	Public	4,582,094	1,415,810	1,992,824	1,173,460	-
3. Intermountain Rural Elec Assn	Cooperative	2,095,309	1,362,006	565,793	167,510	-
4. Aquila Inc	Investor-Owned	1,849,205	594,068	727,369	527,768	-
5. Fort Collins City of	Public	1,442,861	484,964	493,537	464,360	-
Total Sales, Top Five Providers		38,055,356	12,760,752	16,853,573	8,396,732	44,299
Percent of Total State Sales		74	72	82	64	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Electric Utilities.....	6,850	7,479	7,603	7,883	7,954	7,955	8,034	8,008	91.0	65.2
Coal.....	4,955	4,981	4,891	4,891	4,891	4,888	4,899	4,921	65.8	40.0
Petroleum.....	177	178	193	193	207	181	179	179	2.4	1.5
Natural Gas	541	1,142	1,333	1,612	1,662	1,684	1,752	1,704	7.2	13.9
Hydroelectric	615	600	600	601	601	610	609	610	8.2	5.0
Other Renewables ¹	-	16	24	24	30	31	32	31	-	0.3
Pumped Storage.....	563	563	563	563	563	563	563	563	7.5	4.6
Independent Power Producers and Combined Heat and Power	676	1,431	1,833	2,487	3,131	3,131	3,123	4,280	9.0	34.8
Coal.....	33	40	40	40	40	40	40	40	0.4	0.3
Petroleum.....	7	2	2	2	2	2	2	2	0.1	*
Natural Gas	593	1,300	1,724	2,221	2,840	2,840	2,771	3,132	7.9	25.5
Hydroelectric	38	43	43	38	42	42	42	55	0.5	0.4
Other Renewables ¹	5	46	23	185	207	207	267	1,050	0.1	8.5
Total Electric Industry.....	7,526	8,910	9,435	10,370	11,085	11,086	11,156	12,288	100.0	100.0
Coal.....	4,988	5,021	4,931	4,931	4,931	4,928	4,939	4,961	66.3	40.4
Petroleum.....	184	181	195	195	210	183	181	182	2.4	1.5
Natural Gas	1,135	2,442	3,057	3,833	4,502	4,523	4,523	4,836	15.1	39.4
Hydroelectric	653	642	643	639	643	652	652	665	8.7	5.4
Other Renewables ¹	5	62	47	209	237	238	299	1,081	0.1	8.8
Pumped Storage.....	563	563	563	563	563	563	563	563	7.5	4.6

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Colorado										
Electric Utilities.....	34,375,573	41,957,723	41,509,933	41,226,252	40,436,218	41,014,609	42,055,989	42,353,281	91.3	78.6
Coal.....	32,002,082	35,654,162	35,135,198	35,807,527	35,570,358	35,285,966	36,003,331	35,722,617	85.0	66.3
Petroleum.....	14,623	158,742	22,519	33,927	11,797	15,464	17,646	14,748	*	*
Natural Gas.....	423,540	4,884,010	5,321,770	4,369,743	3,899,293	4,490,864	4,494,604	5,097,690	1.1	9.5
Other Gases ¹	-	-	2,884	4,001	1,753	2,430	2,519	1,911	-	*
Hydroelectric.....	1,897,813	1,472,627	1,187,839	1,156,217	1,076,897	1,283,074	1,676,432	1,625,544	5.0	3.0
Other Renewables ²	-	38,764	59,987	58,477	67,921	58,874	61,959	58,831	-	0.1
Pumped Storage.....	37,515	-250,582	-220,264	-203,640	-191,801	-122,063	-200,502	-168,061	0.1	-0.3
Independent Power Producers and Combined Heat and Power.....	3,266,988	4,918,279	4,090,455	5,390,534	7,433,274^R	8,602,085	8,642,364	11,554,211	8.7	21.4
Coal.....	250,938	296,866	253,053	308,096	278,032 ^R	284,169	266,094	213,122	0.7	0.4
Petroleum.....	862	17,487	661	67	2,071 ^R	1,582	3,191 ^R	13,702	*	*
Natural Gas.....	2,848,632	4,507,777	3,706,720	4,856,291	6,848,203 ^R	7,432,426	7,424,035 ^R	9,916,211	7.6	18.4
Hydroelectric.....	133,998	22,070	21,168	105,980	117,768	132,222	114,775	103,989	0.4	0.2
Other Renewables ²	32,558	74,079	108,853	120,102	187,200	751,687	834,269	1,265,998	0.1	2.3
Other ³	-	-	-	-	-	-	- ^R	41,190	-	0.1
Total Electric Industry.....	37,642,561	46,876,002	45,600,388	46,616,786	47,869,492^R	49,616,694	50,698,353	53,907,492	100.0	100.0
Coal.....	32,253,020	35,951,028	35,388,251	36,115,623	35,848,390 ^R	35,570,135	36,269,425	35,935,739	85.7	66.7
Petroleum.....	15,485	176,229	23,180	33,994	13,868 ^R	17,046	20,837 ^R	28,450	*	0.1
Natural Gas.....	3,272,172	9,391,787	9,028,490	9,226,034	10,747,496 ^R	11,923,290	11,918,639 ^R	15,013,901	8.7	27.9
Other Gases ¹	-	-	2,884	4,001	1,753	2,430	2,519	1,911	-	*
Hydroelectric.....	2,031,811	1,494,697	1,209,007	1,262,197	1,194,665	1,415,296	1,791,207	1,729,533	5.4	3.2
Other Renewables ²	32,558	112,843	168,840	178,579	255,121	810,561	896,228	1,324,829	0.1	2.5
Pumped Storage.....	37,515	-250,582	-220,264	-203,640	-191,801	-122,063	-200,502	-168,061	0.1	-0.3
Other ³	-	-	-	-	-	-	- ^R	41,190	-	0.1

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Colorado								
Coal (cents per million Btu)	101	92	95	97	97	106	128	126
Average heat value (Btu per pound).....	9,872	9,780	9,767	9,793	9,824	9,876	9,802	9,726
Average sulfur Content (percent)	0.38	0.38	0.40	0.39	0.38	0.39	0.39	0.40
Petroleum (cents per million Btu).....	-	721	705	W	1,129	1,768	W	W
Average heat value (Btu per gallon).....	-	138,810	127,436	123,940	126,438	117,200	140,414	141,864
Average sulfur Content (percent).....	-	0.24	0.02	0.01	0.08	0.03	0.51	0.08
Natural Gas (cents per million Btu).....	317	375	246	430	554	724	607	424
Average heat value (Btu per cubic foot).....	995	1,040	1,025	1,027	1,021	1,024	1,025	1,026

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Colorado								
Sulfur Dioxide								
Coal.....	92 ^R	85	83	70	59	58	59	59
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	*	*	*	*	*	*	*
Other Renewables ¹	*	-	-	-	-	-	-	-
Total.....	92 ^R	85 ^R	83 ^R	70 ^R	59 ^R	58 ^R	59 ^R	59
Nitrogen Oxide								
Coal.....	77 ^R	65	66	66	61	63	60	60
Petroleum.....	*	1	*	*	*	*	*	*
Natural Gas.....	5 ^R	6	6	6	4	4	5	7
Other Gases.....	-	-	-	-	-	* ^R	* ^R	*
Other Renewables ¹	1 ^R	1 ^R	*	*	1 ^R	*	*	*
Total.....	83 ^R	73 ^R	72 ^R	72 ^R	67 ^R	67 ^R	66 ^R	67
Carbon Dioxide								
Coal.....	32,523	36,455	36,293	35,998	35,692	35,472	36,424	36,100
Petroleum.....	18	216	26	32	16	21	35	30
Natural Gas.....	1,779	5,115	4,666	4,573	4,905	5,348	5,389	6,860
Total.....	34,320 ^R	41,786 ^R	40,985 ^R	40,603 ^R	40,613 ^R	40,841 ^R	41,847 ^R	42,990

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Colorado										
Retail Sales (thousand megawatthours)										
Residential	12,261	14,470	15,425	15,725	15,532	16,436	16,952	17,634	32.2	34.4
Commercial	14,600	17,890	18,438	19,657	19,498	19,846	20,153	20,508	38.4	40.0
Industrial	10,297	10,918	10,672	11,076	11,675	12,052	12,605	13,113	27.0	25.6
Other ¹	911	958	1,401	NA	NA	NA	NA	NA	2.4	--
Transportation.....	NA	NA	NA	37	19	19	25	44	--	0.1
All Sectors	38,069	44,236	45,937	46,495	46,724	48,353	49,734	51,299	100.0	100.0
Retail Revenue (million dollars).....										
Residential	910	1,080	1,137	1,280	1,307	1,490	1,529	1,632	40.2	41.0
Commercial	842	1,014	1,045	1,298	1,343	1,512	1,512	1,562	37.2	39.3
Industrial	441	489	483	565	596	691	741	783	19.5	19.7
Other ¹	73	80	93	NA	NA	NA	NA	NA	3.2	--
Transportation.....	NA	NA	NA	3	1	1	2	3	--	0.1
All Sectors	2,265	2,662	2,758	3,146	3,247	3,694	3,785	3,980	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.42	7.47	7.37	8.14	8.42	9.06	9.02	9.25	--	--
Commercial	5.77	5.67	5.67	6.60	6.89	7.62	7.50	7.62	--	--
Industrial	4.28	4.48	4.52	5.10	5.11	5.74	5.88	5.97	--	--
Other ¹	8.00	8.36	6.64	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	7.32	5.81	5.01	7.78	7.18	--	--
All Sectors	5.95	6.02	6.00	6.77	6.95	7.64	7.61	7.76	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Colorado								
Number of Entities.....	2	29	1	28	2	NA	NA	62
Number of Retail Customers	1,421,319	417,591	33	589,497	2	NA	NA	2,428,442
Retail Sales (thousand megawatthours).....	29,935	8,878	77	12,160	249	NA	NA	51,299
Percentage of Retail Sales	58.35	17.31	0.15	23.70	0.48	--	--	100.00
Revenue from Retail Sales (million dollars)	2,267	614	2	1,082	15	NA	NA	3,980
Percentage of Revenue	56.96	15.43	0.04	27.20	0.37	--	--	100.00
Average Retail Price (cents/kWh).....	7.57	6.92	2.24	8.90	5.90	NA	NA	7.76

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Colorado								
Supply								
Generation								
Electric Utilities	34,376	41,958	41,510	41,226	40,436	41,015	42,056	42,353
Independent Power Producers	298	1,667	961	2,877	5,596	6,834	7,004	9,680
Combined Heat and Power, Electric	2,726	2,958	2,866	2,314	1,685	1,643	1,533	1,782
Electric Power Sector Generation Subtotal	37,400	46,582	45,337	46,417	47,718	49,492	50,593	53,816
Combined Heat and Power, Commercial	154	212	143	119	93	54	28	28
Combined Heat and Power, Industrial	89	82	121	81	59	70	78	64
Industrial and Commercial Generation Subtotal	243	294	264	200	152	125	106	92
Total Net Generation	37,643	46,876	45,600	46,617	47,869	49,617	50,698	53,907
Total International Imports	43	36	7	2^R	37	6^R	1	1
Total Supply	37,686	46,912	45,607	46,619^R	47,907	49,623^R	50,700	53,909
Disposition								
Retail Sales								
Full Service Providers	38,069	44,236	45,937	46,133	46,397	48,025	49,426	51,050
Facility Direct Retail Sales	-	-	-	362	327	328	307	249
Total Electric Industry Retail Sales	38,069	44,236	45,937	46,495	46,724	48,353	49,734	51,299
Direct Use	637	479	489	495	496	84	150	610
Total International Exports	-	-	-	-	-	*	-	2
Estimated Losses	2,716	1,337	4,965	5,408^R	3,850	4,393	4,345	2,639
Total Disposition	41,422	46,051	51,391	52,398^R	51,070	52,831^R	54,229	54,549
Net Interstate Trade	-3,736	861	-5,784	-5,779^R	-3,163	-3,208^R	-3,529	-641
Net Trade Index (ratio)	0.91	1.02	0.89	0.89	0.94	0.94	0.93	0.99

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Connecticut		
NERC Region(s).....		NPCC
Primary Energy Source.....		Nuclear
Net Summer Capacity (megawatts)	7,725	35
Electric Utilities.....	111	46
Independent Power Producers & Combined Heat and Power.....	7,614	14
Net Generation (megawatthours).....	33,171,209	37
Electric Utilities.....	37,217	46
Independent Power Producers & Combined Heat and Power.....	33,133,992	11
Emissions (thousand metric tons)		
Sulfur Dioxide	5	47
Nitrogen Oxide.....	8	46
Carbon Dioxide.....	10,362	41
Sulfur Dioxide (lbs/MWh)	0.3	47
Nitrogen Oxide (lbs/MWh)	0.6	49
Carbon Dioxide (lbs/MWh).....	689	45
Total Retail Sales (megawatthours).....	34,129,107	35
Full Service Provider Sales (megawatthours)	24,114,358	37
Deregulated Sales (megawatthours).....	10,014,749	10
Direct Use (megawatthours).....	793,438	33
Average Retail Price (cents/kWh).....	16.45	2

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Connecticut			
1. Millstone.....	Nuclear	Dominion Nuclear Conn Inc	2,022
2. Middletown.....	Petroleum	Middletown Power LLC	770
3. Lake Road Generating Plant.....	Gas	Lake Road Generating Co LP	721
4. Bridgeport Harbor.....	Coal	PSEG Power Connecticut LLC	511
5. Montville Station.....	Petroleum	NRG Montville Operations Inc	496
6. Milford Power Project.....	Gas	Milford Power Co LLC	489
7. Bridgeport Energy Project.....	Gas	Bridgeport Energy LLC	454
8. New Haven Harbor.....	Petroleum	PSEG Power Connecticut LLC	448
9. NRG Norwalk Harbor.....	Petroleum	Norwalk Power LLC	342
10. PPL Wallingford Energy LLC.....	Gas	PPL Wallingford Energy LLC	190

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Connecticut Light & Power Co.....	Investor-Owned	16,054,317	9,337,534	5,716,935	880,130	119,718
2. United Illuminating Co.....	Investor-Owned	5,917,448	2,346,342	2,776,171	794,935	-
3. Constellation NewEnergy, Inc.....	Other Provider	4,075,295	-	2,892,335	1,182,960	-
4. TransCanada Power Mktg Ltd.....	Other Provider	1,296,902	-	-	1,296,902	-
5. Hess Retail Natural Gas and Elec. Acctg.	Other Provider	849,089	-	776,276	-	72,813
Total Sales, Top Five Providers		28,193,051	11,683,876	12,161,717	4,154,927	192,531
Percent of Total State Sales		83	87	80	76	97

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Connecticut										
Electric Utilities.....	6,294	185	34	210	174	25	37	111	90.5	1.4
Coal.....	385	-	-	-	-	-	-	-	5.5	-
Petroleum.....	2,801	176	25	201	165	16	28	30	40.3	0.4
Natural Gas.....	341	-	-	-	-	-	-	71	4.9	0.9
Nuclear.....	2,631	-	-	-	-	-	-	-	37.8	-
Hydroelectric.....	130	9	9	9	9	9	9	9	1.9	0.1
Pumped Storage.....	6	-	-	-	-	-	-	-	0.1	-
Independent Power Producers and Combined Heat and Power	663	7,709	7,365	7,363	7,755	7,937	7,845	7,614	9.5	98.6
Coal.....	200	555	553	553	553	555	551	551	2.9	7.1
Petroleum.....	-	2,425	2,748	2,732	2,696	2,973	2,898	2,679	-	34.7
Natural Gas.....	198	1,722	1,662	1,685	2,134	2,037	2,020	2,029	2.8	26.3
Nuclear.....	-	2,611	2,006	1,997	2,037	2,037	2,037	2,022	-	26.2
Hydroelectric.....	21	129	137	137	137	137	138	113	0.3	1.5
Other Renewables ¹	241	234	228	228	166	166	170	163	3.5	2.1
Pumped Storage.....	-	7	4	4	4	4	4	29	-	0.4
Other ²	3	26	27	27	27	27	27	27	*	0.4
Total Electric Industry.....	6,957	7,894	7,400	7,573	7,929	7,962	7,882	7,725	100.0	100.0
Coal.....	585	555	553	553	553	555	551	551	8.4	7.1
Petroleum.....	2,801	2,600	2,773	2,933	2,862	2,989	2,926	2,709	40.3	35.1
Natural Gas.....	538	1,722	1,662	1,685	2,134	2,037	2,020	2,100	7.7	27.2
Nuclear.....	2,631	2,611	2,006	1,997	2,037	2,037	2,037	2,022	37.8	26.2
Hydroelectric.....	151	138	146	146	146	146	147	122	2.2	1.6
Other Renewables ¹	241	234	228	228	166	166	170	163	3.5	2.1
Pumped Storage.....	6	7	4	4	4	4	4	29	0.1	0.4
Other ²	3	26	27	27	27	27	27	27	*	0.4

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Connecticut										
Electric Utilities.....	13,227,766	2,816,826	21,463	59,812	45,095	41,709	47,612	37,217	74.8	0.1
Coal.....	2,557,934	-	-	-	-	-	-	-	14.5	-
Petroleum.....	8,431,425	11,032	928	13,955	9,253	695	1,282	3,325	47.7	*
Natural Gas.....	1,545,712	-	-	-	-	-	-	5,919	8.7	*
Nuclear.....	-124,722	2,629,741	-	-	-	-	-	-	-0.7	-
Hydroelectric.....	374,110	29,065	20,535	45,857	35,842	41,014	46,330	27,974	2.1	0.1
Other Renewables ¹	450,749	83,783	-	-	-	-	-	-	2.6	-
Pumped Storage.....	-7,442	-	-	-	-	-	-	-	*	-
Other ²	-	63,205	-	-	-	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	4,446,532	27,673,820	31,289,757	29,485,238	32,588,313^R	33,508,038	34,634,124	33,133,992	25.2	99.9
Coal.....	1,601,210	3,735,782	3,227,202	4,200,297	4,255,072 ^R	3,996,492	4,281,516 ^R	3,738,723	9.1	11.3
Petroleum.....	77,284	5,161,903	2,336,957	2,048,713	1,730,859 ^R	3,155,147 ^R	1,277,552 ^R	1,307,934	0.4	3.9
Natural Gas.....	1,049,652	4,088,228	8,868,471	5,061,613	8,107,806 ^R	8,863,892 ^R	10,484,481 ^R	9,923,641	5.9	29.9
Other Gases ³	51	1,498	8,834	-	-	1,566	1,647	2,196	*	*
Nuclear.....	-	12,798,026	14,918,272	16,078,095	16,539,097	15,562,122	16,589,446	16,386,142	-	49.4
Hydroelectric.....	72,585	257,308	314,553	518,559	426,770	437,185	497,562	335,287	0.4	1.0
Other Renewables ¹	1,645,750	825,141	821,346	785,861	757,819	753,335	763,320	729,839	9.3	2.2
Pumped Storage.....	-	-	-10,201	-18	7,715	-1,653	-	-15,355	-	*
Other ²	-	805,934	804,322	792,118	763,174	739,952	738,600	725,586	-	2.2
Total Electric Industry.....	17,674,298	30,490,646	31,311,220	29,545,050	32,633,408^R	33,549,747	34,681,736	33,171,209	100.0	100.0
Coal.....	4,159,144	3,735,782	3,227,202	4,200,297	4,255,072 ^R	3,996,492	4,281,516 ^R	3,738,723	23.5	11.3
Petroleum.....	8,508,709	5,172,935	2,337,885	2,062,668	1,740,112 ^R	3,155,842 ^R	1,278,834 ^R	1,311,259	48.1	4.0
Natural Gas.....	2,595,364	4,088,228	8,868,471	5,061,613	8,107,806 ^R	8,863,892 ^R	10,484,481 ^R	9,929,559	14.7	29.9
Other Gases ³	51	1,498	8,834	-	-	1,566	1,647	2,196	*	*
Nuclear.....	-124,722	15,427,767	14,918,272	16,078,095	16,539,097	15,562,122	16,589,446	16,386,142	-0.7	49.4
Hydroelectric.....	446,695	286,373	335,088	564,416	462,612	478,199	543,892	363,261	2.5	1.1
Other Renewables ¹	2,096,499	908,924	821,346	785,861	757,819	753,335	763,320	729,839	11.9	2.2
Pumped Storage.....	-7,442	-	-10,201	-18	7,715	-1,653	-	-15,355	*	*
Other ²	-	869,139	804,322	792,118	763,174	739,952	738,600	725,586	-	2.2

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

³ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	190	-	W	W	W	W	W	W
Average heat value (Btu per pound).....	13,132	-	11,439	10,565	10,423	10,139	10,056	10,286
Average sulfur Content (percent)	0.54	-	0.89	0.55	0.54	0.44	0.51	0.42
Petroleum (cents per million Btu).....	293	-	422	542	568	836	850	971
Average heat value (Btu per gallon).....	152,431	-	149,169	146,743	147,602	148,190	148,805	147,962
Average sulfur Content (percent)	0.73	-	0.39	0.40	0.34	0.28	0.25	0.27
Natural Gas (cents per million Btu).....	242	-	392	W	W	922	733	773
Average heat value (Btu per cubic foot).....	1,019	-	1,016	1,020	1,008	1,010	1,009	1,011

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Connecticut								
Sulfur Dioxide								
Coal.....	11 ^R	11	5	3	3	3	3	2
Petroleum.....	37	22	6	5	4	5	3	3
Natural Gas	*	*	*	*	*	*	*	*
Other Renewables ¹	-	*	*	*	*	*	*	*
Other ²	5 ^R	*	*	*	*	*	*	*
Total.....	53 ^R	33 ^R	12 ^R	8 ^R	7 ^R	8 ^R	5 ^R	5
Nitrogen Oxide								
Coal.....	7 ^R	3	2	2	2	2	2	2
Petroleum.....	12 ^R	6	2	2	2	3	2	2
Natural Gas	3	2	2	1	1	1	1	1
Other Renewables ¹	*	2 ^R	2 ^R	2 ^R	2 ^R	2 ^R	2 ^R	2
Other ²	5 ^R	2 ^R	2 ^R	2 ^R	2 ^R	2 ^R	2 ^R	2
Total.....	28 ^R	16 ^R	10 ^R	10 ^R	9 ^R	11 ^R	9 ^R	8
Carbon Dioxide								
Coal.....	4,161	3,677	3,152	3,925	4,138	3,954	4,305	3,754
Petroleum.....	7,250	4,304	1,977	1,871	1,668	2,870	1,246	1,215
Natural Gas	1,753	2,076	3,952	2,511	3,304	3,535	4,341	4,244
Other ²	1,188 ^R	1,247 ^R	1,210 ^R	1,230 ^R	1,188 ^R	1,182 ^R	1,165 ^R	1,148
Total.....	14,353 ^R	11,304 ^R	10,292 ^R	9,537 ^R	10,298 ^R	11,542 ^R	11,057 ^R	10,362

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Connecticut										
Retail Sales (thousand megawatthours)										
Residential	10,859	11,975	12,473	13,178	13,211	13,803	12,963	13,372	38.2	39.2
Commercial	11,278	12,442	12,614	13,094	13,455	13,949	13,611	15,126	39.7	44.3
Industrial	5,919	5,572	5,370	5,366	5,358	5,153	4,926	5,433	20.8	15.9
Other ¹	376	552	548	NA	NA	NA	NA	NA	1.3	--
Transportation.....	NA	NA	NA	192	190	190	177	198	--	0.6
All Sectors	28,432	30,541	31,005	31,830	32,215	33,095	31,677	34,129	100.0	100.0
Retail Revenue (million dollars).....										
Residential	1,318	1,306	1,367	1,491	1,537	1,883	2,185	2,556	44.1	45.5
Commercial	1,159	1,152	1,176	1,300	1,332	1,608	1,909	2,328	38.8	41.5
Industrial	459	425	412	429	423	484	577	702	15.4	12.5
Other ¹	55	55	57	NA	NA	NA	NA	NA	1.8	--
Transportation.....	NA	NA	NA	15	14	17	26	28	--	0.5
All Sectors	2,991	2,937	3,012	3,235	3,305	3,992	4,697	5,613	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	12.13	10.90	10.96	11.31	11.63	13.64	16.86	19.11	--	--
Commercial	10.28	9.26	9.32	9.93	9.90	11.53	14.03	15.39	--	--
Industrial	7.76	7.62	7.68	7.99	7.89	9.40	11.71	12.92	--	--
Other ¹	14.52	10.00	10.35	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	7.72	7.25	8.78	14.55	14.18	--	--
All Sectors	10.52	9.62	9.71	10.16	10.26	12.06	14.83	16.45	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Connecticut								
Number of Entities.....	2	8	NA	NA	1	12	2	25
Number of Retail Customers	1,479,212	72,574	NA	NA	1	72,265	NA	1,624,052
Retail Sales (thousand megawatthours).....	21,972	2,103	NA	NA	40	10,015	NA	34,129
Percentage of Retail Sales	64.38	6.16	--	--	0.12	29.34	--	100.00
Revenue from Retail Sales (million dollars)	3,856	252	NA	NA	6	1,067	433	5,613
Percentage of Revenue	68.69	4.48	--	--	0.10	19.01	7.72	100.00
Average Retail Price (cents/kWh).....	17.55	11.96	NA	NA	13.89	10.65	4.33	16.45

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Connecticut								
Supply								
Generation								
Electric Utilities.....	13,228	2,817	21	60	45	42	48	37
Independent Power Producers	1,246	25,296	28,878	27,167	30,345	31,564	32,431	31,087
Combined Heat and Power, Electric	2,321	2,080	2,053	1,986	1,966	1,697	1,874	1,831
Electric Power Sector Generation Subtotal	16,795	30,193	30,952	29,212	32,356	33,303	34,352	32,956
Combined Heat and Power, Commercial	515	41	48	45	43	40	38	44
Combined Heat and Power, Industrial.....	364	256	311	288	235	207	291	172
Industrial and Commercial Generation Subtotal.....	879	297	359	333	278	247	330	216
Total Net Generation.....	17,674	30,491	31,311	29,545	32,633	33,550	34,682	33,171
Total International Imports.....	1,699	766	326	472	1,061	1,336	1,346^R	1,832
Total Supply	19,374	31,256	31,637	30,017	33,695	34,885	36,028^R	35,003
Disposition								
Retail Sales								
Full Service Providers	28,432	30,527	30,615	31,230	31,470	32,355	30,114	24,075
Energy-Only Providers.....	-	14	390	600	744	740	1,529	10,015
Facility Direct Retail Sales.....	-	-	-	-	-	-	34	40
Total Electric Industry Retail Sales.....	28,432	30,541	31,005	31,830	32,215	33,095	31,677	34,129
Direct Use	705	1,487	1,520	1,539	1,541	225	302	793
Total International Exports.....	-	-	-	126	66	196	181	332
Estimated Losses.....	2,028	1,177	1,581	1,542^R	1,440	1,579	1,989	2,019
Total Disposition	31,165	33,206	34,107	35,037^R	35,262	35,095	34,149	37,273
Net Interstate Trade	-11,791	-1,949	-2,470	-5,020^R	-1,567	-210	1,879^R	-2,270
Net Trade Index (ratio)	0.62	0.94	0.93	0.86	0.96	0.99	1.06	0.94

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Delaware		
NERC Region(s).....		RFC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	3,357	44
Electric Utilities.....	56	48
Independent Power Producers & Combined Heat and Power.....	3,301	27
Net Generation (megawatthours).....	8,534,163	46
Electric Utilities.....	47,830	45
Independent Power Producers & Combined Heat and Power.....	8,486,333	32
Emissions (thousand metric tons)		
Sulfur Dioxide	34	35
Nitrogen Oxide.....	13	43
Carbon Dioxide.....	7,224	43
Sulfur Dioxide (lbs/MWh)	8.7	6
Nitrogen Oxide (lbs/MWh)	3.3	11
Carbon Dioxide (lbs/MWh).....	1,866	10
Total Retail Sales (megawatthours).....	11,868,810	44
Full Service Provider Sales (megawatthours)	7,827,659	46
Deregulated Sales (megawatthours)	4,041,151	13
Direct Use (megawatthours)	910,176	32
Average Retail Price (cents/kWh).....	11.35	14

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Delaware			
1. Hay Road	Gas	Conectiv Delmarva Gen Inc	1,090
2. Indian River Operations	Coal	Indian River Operations Inc	797
3. Edge Moor	Coal	Conectiv Delmarva Gen Inc	723
4. Delaware City Plant.....	Other Gases	The Premcor Refining Group Inc	307
5. McKee Run.....	Petroleum	North American Energy Services	136
6. NRG Energy Center Dover	Coal	NRG Energy Center Dover LLC	100
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	North American Energy Services	39
10. Seaford Delaware Plant	Coal	Invista	27

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Delaware						
1. Delmarva Power	Investor-Owned	4,819,206	2,918,982	1,461,540	438,684	-
2. Delaware Electric Cooperative.....	Cooperative	1,162,644	953,738	208,906	-	-
3. PEPCO Energy Services.....	Other Provider	868,626	-	868,626	-	-
4. Dover City of	Public	748,500	193,564	257,799	297,137	-
5. Sempra Energy Solutions	Other Provider	533,863	-	520,201	13,662	-
Total Sales, Top Five Providers		8,132,839	4,066,284	3,317,072	749,483	-
Percent of Total State Sales		69	91	77	24	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Delaware										
Electric Utilities.....	2,277	184	58	58	58	194	58	56	93.2	1.7
Coal.....	1,019	-	-	-	-	-	-	-	41.7	-
Petroleum.....	747	184	9	9	9	145	9	7	30.6	0.2
Natural Gas	511	-	49	49	49	49	49	49	20.9	1.5
Independent Power Producers and Combined Heat and Power	167	2,517	3,332	3,335	3,371	3,171	3,316	3,301	6.8	98.3
Coal.....	27	1,034	1,050	1,052	1,070	1,083	1,083	1,083	1.1	32.3
Petroleum.....	135	968	736	736	686	550	686	691	5.5	20.6
Natural Gas	4	515	1,244	1,244	1,308	1,231	1,233	1,213	0.2	36.1
Other Gases ¹	-	-	303	303	307	307	307	307	-	9.1
Other Renewables ²	-	-	-	-	-	-	7	7	-	0.2
Total Electric Industry.....	2,443	2,701	3,390	3,392	3,428	3,365	3,374	3,357	100.0	100.0
Coal.....	1,046	1,034	1,050	1,052	1,070	1,083	1,083	1,083	42.8	32.3
Petroleum.....	882	1,152	745	745	695	695	695	698	36.1	20.8
Natural Gas	515	515	1,293	1,293	1,357	1,280	1,282	1,262	21.1	37.6
Other Gases ¹	-	-	303	303	307	307	307	307	-	9.1
Other Renewables ²	-	-	-	-	-	-	7	7	-	0.2

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Delaware										
Electric Utilities.....	6,578,599	1,872,053	170,994	31,107	23,751	25,989	16,558	47,830	91.1	0.6
Coal.....	3,925,643	1,626,254	-	-	-	-	-	-	54.4	-
Petroleum.....	832,577	209,088	154,118	9,863	10,083	6,442	113	4,132	11.5	*
Natural Gas.....	1,820,379	36,711	16,876	21,244	13,668	19,547	16,445	43,698	25.2	0.5
Independent Power Producers and Combined Heat and Power.....	644,036	4,935,631	5,831,495	7,361,180	7,831,802	8,110,579	7,165,621	8,486,333	8.9	99.4
Coal.....	74,941	1,742,253	3,463,565	4,026,496	4,743,835 ^R	4,832,844 ^R	4,968,812 ^R	5,621,823	1.0	65.9
Petroleum.....	382,924	1,497,541	795,577	1,707,001	1,093,495 ^R	1,213,797 ^R	131,802 ^R	237,004	5.3	2.8
Natural Gas.....	8,379	1,538,775	1,426,007	1,442,536	1,704,751 ^R	1,571,270 ^R	1,154,323 ^R	1,858,286	0.1	21.8
Other Gases ¹	177,792	157,062	146,346	185,147	289,720 ^R	492,668 ^R	910,268 ^R	721,105	2.5	8.4
Other Renewables ²	-	-	-	-	-	-	417	48,116	-	0.6
Total Electric Industry.....	7,222,635	6,807,684	6,002,489	7,392,287	7,855,553	8,136,568	7,182,179	8,534,163	100.0	100.0
Coal.....	4,000,584	3,368,507	3,463,565	4,026,496	4,743,835 ^R	4,832,844 ^R	4,968,812 ^R	5,621,823	55.4	65.9
Petroleum.....	1,215,501	1,706,629	949,695	1,716,864	1,103,578 ^R	1,220,239 ^R	131,915 ^R	241,136	16.8	2.8
Natural Gas.....	1,828,758	1,575,486	1,442,883	1,463,780	1,718,419 ^R	1,590,817 ^R	1,170,768 ^R	1,901,984	25.3	22.3
Other Gases ¹	177,792	157,062	146,346	185,147	289,720 ^R	492,668 ^R	910,268 ^R	721,105	2.5	8.4
Other Renewables ²	-	-	-	-	-	-	417	48,116	-	0.6

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Delaware								
Coal (cents per million Btu)	157	217	W	W	W	W	W	W
Average heat value (Btu per pound).....	13,062	11,495	12,858	12,803	12,530	12,222	12,401	12,524
Average sulfur Content (percent)	0.99	0.67	0.91	0.90	0.83	0.67	0.74	0.73
Petroleum (cents per million Btu).....	278	380	406	576	611	863	1,351	1,304
Average heat value (Btu per gallon).....	151,464	148,095	148,964	147,895	146,312	147,248	139,117	144,114
Average sulfur Content (percent)	0.89	0.79	0.69	0.52	0.39	0.46	0.06	0.30
Natural Gas (cents per million Btu).....	305	427	W	W	W	W	W	W
Average heat value (Btu per cubic foot).....	1,035	1,030	1,036	1,043	1,036	1,037	1,037	1,088

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Delaware								
Sulfur Dioxide								
Coal.....	34	30	28	32	33	29	28	32
Petroleum.....	32 ^R	6	4	4	2	2	2	2
Natural Gas	^R	*	*	-	-	*	*	*
Other Gases.....	* ^R	* ^R	* ^R	* ^R	*	* ^R	* ^R	*
Other Renewables ¹	-	-	-	-	* ^R	* ^R	* ^R	*
Total.....	66 ^R	36 ^R	31 ^R	36 ^R	35 ^R	31 ^R	30 ^R	34
Nitrogen Oxide								
Coal.....	13	7	7	8	8	9	8	9
Petroleum.....	5 ^R	4	3	5	2	2	1	1
Natural Gas	*	1	1	*	1	1	*	1
Other Gases.....	*	1 ^R	1 ^R	*	2 ^R	2 ^R	2 ^R	2
Other Renewables ¹	-	*	*	*	*	*	*	1
Other ²	-	-	-	-	-	*	*	*
Total.....	18 ^R	13 ^R	11 ^R	13 ^R	13 ^R	14 ^R	11 ^R	13
Carbon Dioxide								
Coal.....	4,135	3,266	3,651	4,148	4,935	5,233	5,222	5,883
Petroleum.....	1,813	1,928	1,280	2,198	781	857	137	243
Natural Gas	880	829	1,079	647	810	716	527	1,098
Total.....	6,827 ^R	6,022 ^R	6,010 ^R	6,993 ^R	6,525 ^R	6,805 ^R	5,885 ^R	7,224

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Delaware										
Retail Sales (thousand megawatthours)										
Residential	3,257	3,734	4,020	4,190	4,305	4,594	4,259	4,470	32.2	37.7
Commercial	3,068	3,605	3,787	3,886	4,033	4,238	4,196	4,321	30.3	36.4
Industrial	3,741	3,978	4,151	4,523	3,423	3,305	3,100	3,078	37.0	25.9
Other ¹	56	62	60	NA	NA	NA	NA	NA	0.6	--
All Sectors	10,122	11,379	12,019	12,600	11,761	12,137	11,555	11,869	100.0	100.0
Retail Revenue (million dollars)										
Residential	300	321	350	360	378	414	505	588	42.4	43.7
Commercial	221	252	271	284	300	322	429	484	31.1	35.9
Industrial	180	191	201	233	207	205	238	275	25.5	20.4
Other ¹	7	9	8	NA	NA	NA	NA	NA	1.0	--
All Sectors	708	774	830	877	885	941	1,171	1,347	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	9.22	8.61	8.70	8.59	8.78	9.01	11.85	13.16	--	--
Commercial	7.19	7.00	7.15	7.31	7.44	7.60	10.21	11.21	--	--
Industrial	4.82	4.81	4.85	5.15	6.06	6.21	7.67	8.93	--	--
Other ¹	12.45	14.17	14.13	NA	NA	NA	NA	NA	--	--
All Sectors	7.00	6.80	6.91	6.96	7.53	7.76	10.13	11.35	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Delaware								
Number of Entities	1	9	NA	1	NA	11	1	23
Number of Retail Customers	288,114	62,337	NA	78,121	NA	8,557	NA	437,129
Retail Sales (thousand megawatthours)	4,819	1,846	NA	1,163	NA	4,041	NA	11,869
Percentage of Retail Sales	40.60	15.55	--	9.80	--	34.05	--	100.00
Revenue from Retail Sales (million dollars)	625	232	NA	123	NA	340	27	1,347
Percentage of Revenue	46.37	17.18	--	9.15	--	25.26	2.04	100.00
Average Retail Price (cents/kWh)	12.96	12.54	NA	10.60	NA	8.42	0.68	11.35

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Delaware								
Supply								
Generation								
Electric Utilities.....	6,579	1,872	171	31	24	26	17	48
Independent Power Producers	-	4,429	5,271	6,653	6,866	7,078	6,025	7,283
Combined Heat and Power, Electric	-	-	-	109	128	129	102	132
Electric Power Sector Generation Subtotal	6,579	6,301	5,442	6,793	7,018	7,233	6,143	7,463
Combined Heat and Power, Industrial.....	644	507	560	599	838	903	1,039	1,071
Industrial and Commercial Generation Subtotal.....	644	507	560	599	838	903	1,039	1,071
Total Net Generation.....	7,223	6,808	6,002	7,392	7,856	8,137	7,182	8,534
Total Supply	7,223	6,808	6,002	7,392	7,856	8,137	7,182	8,534
Disposition								
Retail Sales								
Full Service Providers	10,122	10,460	10,864	10,488	10,751	11,187	9,044	7,828
Energy-Only Providers.....	-	919	1,155	2,111	1,010	950	2,511	4,041
Total Electric Industry Retail Sales.....	10,122	11,379	12,019	12,600	11,761	12,137	11,555	11,869
Direct Use	644	545	556	563	564	736	494	910
Estimated Losses.....	722	373	672	1,841^R	1,067	1,222	986	1,198
Total Disposition	11,489	12,297	13,247	15,004^R	13,392	14,095	13,034	13,977
Net Interstate Trade.....	-4,266	-5,489	-7,245	-7,612	-5,536	-5,958	-5,852	-5,443
Net Trade Index (ratio).....	0.63	0.55	0.45	0.49	0.59	0.58	0.55	0.61

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
District of Columbia		
NERC Region(s).....		RFC
Primary Energy Source.....		Petroleum
Net Summer Capacity (megawatts)	806	51
Independent Power Producers & Combined Heat and Power.....	806	42
Net Generation (megawatthours).....	75,251	51
Independent Power Producers & Combined Heat and Power.....	75,251	50
Emissions (thousand metric tons)		
Sulfur Dioxide	*	50
Nitrogen Oxide	*	51
Carbon Dioxide.....	85	50
Sulfur Dioxide (lbs/MWh)	5.1	18
Nitrogen Oxide (lbs/MWh)	5.4	2
Carbon Dioxide (lbs/MWh).....	2,495	1
Total Retail Sales (megawatthours)	12,110,185	42
Full Service Provider Sales (megawatthours)	4,180,975	50
Deregulated Sales (megawatthours)	7,929,210	11
Direct Use (megawatthours)	-	50
Average Retail Price (cents/kWh).....	11.79	12

MWh = Megawatthours.

kWh = Kilowatthours.

* = 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 *).

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Largest Plants by Generating Capacity, 2007

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

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
District of Columbia						
1. PEPSCO Energy Services.....	Other Provider	4,568,480	8,000	4,560,480	-	-
2. Potomac Electric Power Co.....	Investor-Owned	4,180,975	1,950,846	2,230,129	-	-
3. Hess Retail Natural Gas and Elec. Acctg.....	Other Provider	1,727,912	-	1,432,141	295,771	-
4. Washington Gas Energy Services	Other Provider	673,641	10,717	662,924	-	-
5. Constellation NewEnergy, Inc.....	Other Provider	628,816	-	303,671	-	325,145
Total Sales, Top Five Providers		11,779,824	1,969,563	9,189,345	295,771	325,145
Percent of Total State Sales		97	100	97	100	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
District of Columbia										
Electric Utilities.....	806	-	-	-	-	-	-	-	100.0	-
Petroleum.....	806	-	-	-	-	-	-	-	100.0	-
Independent Power Producers and Combined Heat and Power	-	806	-	100.0						
Petroleum.....	-	806	806	806	806	806	806	806	-	100.0
Total Electric Industry.....	806	100.0	100.0							
Petroleum.....	806	806	806	806	806	806	806	806	100.0	100.0

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007

District of Columbia

Electric Utilities.....	70,661	-	-	-	-	-	-	-	-	100.0	-
Petroleum.....	70,661	-	-	-	-	-	-	-	-	100.0	-
Independent Power Producers and Combined Heat and Power.....	-	123,239	261,980	74,144	36,487	226,042	81,467	75,251	-	-	100.0
Petroleum.....	-	123,239	261,980	74,144	36,487	226,042	81,467	75,251	-	-	100.0
Total Electric Industry.....	70,661	123,239	261,980	74,144	36,487	226,042	81,467	75,251	100.0	100.0	100.0
Petroleum.....	70,661	123,239	261,980	74,144	36,487	226,042	81,467	75,251	100.0	100.0	100.0

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
District of Columbia								
Petroleum (cents per million Btu)	358	-	W	W	W	W	W	W
Average heat value (Btu per gallon).....	144,402	-	142,114	142,324	141,352	142,143	140,714	139,371
Average sulfur Content (percent)	0.88	-	0.60	0.58	0.43	0.54	0.48	0.34

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
District of Columbia								
Sulfur Dioxide								
Petroleum	*	1	1	*	*	1	*	*
Total	*	1 ^R	1 ^R	*	*	1 ^R	*	*
Nitrogen Oxide								
Petroleum	*	*	1	*	*	1	*	*
Total	*	*	1 ^R	*	*	1 ^R	*	*
Carbon Dioxide								
Petroleum	90	162	261	82	56	234	99	85
Total	90 ^R	162 ^R	261 ^R	82 ^R	56 ^R	234 ^R	99 ^R	85

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
District of Columbia										
Retail Sales (thousand megawatthours)										
Residential	1,554	1,699	1,790	1,754	1,834	1,938	1,822	1,970	15.4	16.3
Commercial	7,925	8,539	8,645	8,639	8,994	9,296	9,030	9,519	78.4	78.6
Industrial	262	281	282	267	282	256	240	297	2.6	2.4
Other ¹	366	362	411	NA	NA	NA	NA	NA	3.6	--
Transportation.....	NA	NA	NA	285	304	326	305	325	--	2.7
All Sectors	10,107	10,880	11,129	10,946	11,415	11,816	11,396	12,110	100.0	100.0
Retail Revenue (million dollars).....										
Residential	122	132	143	138	147	176	180	220	16.4	15.4
Commercial	589	636	633	635	670	848	1,008	1,143	78.9	80.1
Industrial	12	14	14	15	13	36	42	28	1.6	1.9
Other ¹	24	23	27	NA	NA	NA	NA	NA	3.2	--
Transportation.....	NA	NA	NA	22	22	24	33	37	--	2.6
All Sectors	747	805	817	810	852	1,085	1,263	1,428	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.87	7.79	7.98	7.84	8.00	9.10	9.88	11.18	--	--
Commercial	7.43	7.45	7.32	7.35	7.45	9.13	11.17	12.01	--	--
Industrial	4.42	4.81	4.95	5.57	4.74	14.13	17.43	9.32	--	--
Other ¹	6.54	6.39	6.59	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	7.64	7.37	7.37	10.68	11.32	--	--
All Sectors	7.39	7.40	7.34	7.40	7.47	9.18	11.08	11.79	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

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	11	1	13
Number of Retail Customers	232,251	NA	NA	NA	NA	7,645	NA	239,896
Retail Sales (thousand megawatthours).....	4,181	NA	NA	NA	NA	7,929	NA	12,110
Percentage of Retail Sales	34.52	--	--	--	--	65.48	--	100.00
Revenue from Retail Sales (million dollars)	524	NA	NA	NA	NA	675	230	1,428
Percentage of Revenue	36.67	--	--	--	--	47.24	16.09	100.00
Average Retail Price (cents/kWh).....	12.53	NA	NA	NA	NA	8.51	2.90	11.79

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
District of Columbia								
Supply								
Generation								
Electric Utilities	71	-	-	-	-	-	-	-
Independent Power Producers	-	123	262	74	36	226	81	75
Electric Power Sector Generation Subtotal	71	123	262	74	36	226	81	75
Total Net Generation	71	123	262	74	36	226	81	75
Total Supply	71	123	262	74	36	226	81	75
Disposition								
Retail Sales								
Full Service Providers	10,107	8,566	5,681	5,725	7,761	4,803	5,965	4,181
Energy-Only Providers	-	2,314	5,448	5,221	3,654	7,013	5,431	7,929
Total Electric Industry Retail Sales	10,107	10,880	11,129	10,946	11,415	11,816	11,396	12,110
Direct Use	-	*	*	*	*	-	-	-
Estimated Losses	721	392	805	661	774	1,002	942	937
Total Disposition	10,828	11,273	11,934	11,607^R	12,189	12,819	12,338	13,047
Net Interstate Trade	-10,757	-11,150	-11,672	-11,533^R	-12,152	-12,593	-12,257	-12,971
Net Trade Index (ratio)	0.01	0.01	0.02	0.01	*	0.02	0.01	0.01

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Florida		
NERC Region(s).....		FRCC/SERC
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	55,451	3
Electric Utilities.....	47,224	1
Independent Power Producers & Combined Heat and Power.....	8,227	13
Net Generation (megawatthours).....	225,416,060	3
Electric Utilities.....	200,533,885	1
Independent Power Producers & Combined Heat and Power.....	24,882,175	12
Emissions (thousand metric tons)		
Sulfur Dioxide	322	11
Nitrogen Oxide.....	203	3
Carbon Dioxide.....	127,662	4
Sulfur Dioxide (lbs/MWh)	3.2	31
Nitrogen Oxide (lbs/MWh)	2.0	28
Carbon Dioxide (lbs/MWh).....	1,249	31
Total Retail Sales (megawatthours)	231,084,600	3
Full Service Provider Sales (megawatthours)	231,084,600	3
Direct Use (megawatthours)	5,567,606	6
Average Retail Price (cents/kWh).....	10.33	15

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Florida			
1. Martin	Gas	Florida Power & Light Co	3,814
2. Turkey Point	Nuclear	Florida Power & Light Co	3,330
3. Crystal River.....	Coal	Progress Energy Florida Inc	3,148
4. Manatee	Gas	Florida Power & Light Co	2,742
5. Fort Myers	Gas	Florida Power & Light Co	2,412
6. Sanford.....	Gas	Florida Power & Light Co	2,054
7. Hines Energy Complex.....	Gas	Progress Energy Florida Inc	1,930
8. Lauderdale	Gas	Florida Power & Light Co	1,712
9. St Lucie.....	Nuclear	Florida Power & Light Co	1,678
10. Big Bend.....	Coal	Tampa Electric Co	1,663

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Florida						
1. Florida Power & Light Co.....	Investor-Owned	105,274,631	55,065,086	46,348,790	3,769,435	91,320
2. Progress Energy Florida Inc.....	Investor-Owned	39,281,638	19,911,884	15,550,351	3,819,403	-
3. Tampa Electric Co.....	Investor-Owned	19,532,753	8,871,217	8,295,328	2,365,511	697
4. JEA.....	Public	12,844,424	5,506,626	4,236,558	3,097,156	4,084
5. Gulf Power Co.....	Investor-Owned	11,520,888	5,477,111	3,995,388	2,048,389	-
Total Sales, Top Five Providers.....		188,454,334	94,831,924	78,426,415	15,099,894	96,101
Percent of Total State Sales.....		82	80	83	78	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Florida										
Electric Utilities.....	36,727	38,240	40,313	41,996	42,619	45,196	45,184	47,224	91.0	85.2
Coal.....	10,823	10,783	11,301	10,223	9,653	9,634	9,564	9,528	26.8	17.2
Petroleum.....	13,493	12,552	10,650	10,063	10,715	10,611	10,593	10,586	33.4	19.1
Natural Gas.....	8,485	10,955	14,401	17,751	18,290	20,990	21,065	23,148	21.0	41.7
Nuclear.....	3,876	3,898	3,906	3,902	3,902	3,902	3,902	3,902	9.6	7.0
Hydroelectric.....	47	47	50	50	55	55	55	55	0.1	0.1
Other Renewables ¹	3	5	5	8	5	5	5	5	*	*
Independent Power Producers and Combined Heat and Power.....	3,624	4,565	6,740	7,423	8,034	8,024	8,022	8,227	9.0	14.8
Coal.....	734	806	806	799	769	769	769	769	1.8	1.4
Petroleum.....	58	18	18	18	1,073	1,091	1,084	1,085	0.1	2.0
Natural Gas.....	1,406	2,642	4,564	5,300	4,945	4,950	4,970	5,163	3.5	9.3
Other Renewables ¹	1,080	956	962	895	932	925	949	988	2.7	1.8
Other ²	347	144	391	410	315	289	251	222	0.9	0.4
Total Electric Industry.....	40,351	42,805	47,054	49,419	50,654	53,220	53,206	55,451	100.0	100.0
Coal.....	11,557	11,589	12,107	11,022	10,422	10,403	10,333	10,297	28.6	18.6
Petroleum.....	13,550	12,570	10,668	10,080	11,787	11,701	11,677	11,671	33.6	21.0
Natural Gas.....	9,891	13,596	18,965	23,051	23,236	25,941	26,035	28,312	24.5	51.1
Nuclear.....	3,876	3,898	3,906	3,902	3,902	3,902	3,902	3,902	9.6	7.0
Hydroelectric.....	47	47	50	50	55	55	55	55	0.1	0.1
Other Renewables ¹	1,083	962	967	903	937	930	954	993	2.7	1.8
Other ²	347	144	391	410	315	289	251	222	0.9	0.4

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Florida										
Electric Utilities.....	147,983,676	170,966,177	182,346,629	188,034,719	193,383,664	196,096,285	200,015,227	200,533,885	88.0	89.0
Coal.....	66,034,628	63,090,794	60,997,142	62,094,661	60,013,823	57,559,411	60,413,597	62,633,944	39.2	27.8
Petroleum.....	25,742,149	39,075,398	32,449,236	35,545,897	35,824,155	36,122,039	22,508,349	19,841,026	15.3	8.8
Natural Gas.....	32,997,876	36,943,903	54,883,087	59,013,591	65,940,807	73,282,347	85,384,147	88,542,291	19.6	39.3
Nuclear.....	22,967,743	31,583,404	33,704,230	30,979,481	31,215,576	28,758,826	31,426,349	29,289,289	13.7	13.0
Hydroelectric.....	241,280	147,718	184,114	262,667	265,258	266,159	203,422	154,446	0.1	0.1
Other Renewables ¹	-	114,577	123,335	130,639	124,045	107,503	79,363	72,890	-	*
Other ²	-	10,383	5,485	7,782	-	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	20,263,317	19,979,167	21,006,145	24,575,293	24,734,264	24,160,127	23,736,394	24,882,175	12.0	11.0
Coal.....	4,899,877	5,136,944	4,929,251	5,579,919	4,847,951 ^R	4,955,890 ^R	5,009,739 ^R	5,274,171	2.9	2.3
Petroleum.....	417,572	1,504,541	1,232,115	1,658,672	1,431,297 ^R	1,078,995 ^R	395,741 ^R	361,841	0.2	0.2
Natural Gas.....	6,877,808	6,625,902	8,280,948	9,279,829	10,636,163 ^R	10,312,848 ^R	10,801,993 ^R	11,764,893	4.1	5.2
Other Gases ³	56,209	634	13,079	10,505	14,732 ^R	13,240 ^R	16,924 ^R	15,162	*	*
Other Renewables ¹	5,953,025	3,675,180	3,616,445	4,343,450	4,377,526 ^R	4,219,693 ^R	4,251,327 ^R	4,229,928	3.5	1.9
Other ²	2,058,826	3,035,966	2,934,307	3,702,918	3,426,594 ^R	3,579,461 ^R	3,260,671 ^R	3,236,180	1.2	1.4
Total Electric Industry.....	168,246,993	190,945,344	203,352,774	212,610,012	218,117,928	220,256,412	223,751,621	225,416,060	100.0	100.0
Coal.....	70,934,505	68,227,738	65,926,393	67,674,580	64,861,774 ^R	62,515,301 ^R	65,423,336 ^R	67,908,115	42.2	30.1
Petroleum.....	26,159,721	40,579,939	33,681,351	37,204,569	37,255,452 ^R	37,201,034 ^R	22,904,090 ^R	20,202,867	15.5	9.0
Natural Gas.....	39,875,684	43,569,805	63,164,035	68,293,420	76,576,970 ^R	83,595,195 ^R	96,186,140 ^R	100,307,183	23.7	44.5
Other Gases ³	56,209	634	13,079	10,505	14,732 ^R	13,240 ^R	16,924 ^R	15,162	*	*
Nuclear.....	22,967,743	31,583,404	33,704,230	30,979,481	31,215,576	28,758,826	31,426,349	29,289,289	13.7	13.0
Hydroelectric.....	241,280	147,718	184,114	262,667	265,258	266,159	203,422	154,446	0.1	0.1
Other Renewables ¹	5,953,025	3,789,757	3,739,780	4,474,089	4,501,571 ^R	4,327,196 ^R	4,330,690 ^R	4,302,818	3.5	1.9
Other ²	2,058,826	3,046,349	2,939,792	3,710,700	3,426,594 ^R	3,579,461 ^R	3,260,671 ^R	3,236,180	1.2	1.4

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

³ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	173	172	176	176	192	231	256	256
Average heat value (Btu per pound).....	12,122	12,105	12,263	12,281	12,249	12,227	12,142	12,116
Average sulfur Content (percent)	1.59	1.54	1.55	1.44	1.44	1.38	1.37	1.35
Petroleum (cents per million Btu).....	254	339	324	389	392	581	568	712
Average heat value (Btu per gallon).....	143,486	150,000	149,657	148,431	148,183	147,510	146,124	147,276
Average sulfur Content (percent)	1.85	1.57	1.78	1.99	1.96	1.99	2.47	2.06
Natural Gas (cents per million Btu).....	304	453	397	573	629	844	835	907
Average heat value (Btu per cubic foot).....	1,044	1,040	1,035	1,041	1,032	1,037	1,030	1,029

Btu = British thermal unit.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Florida								
Sulfur Dioxide								
Coal.....	465 ^R	270	260	240	236	205	197	192
Petroleum.....	213 ^R	265	185	213	193	190	117	116
Natural Gas.....	*	*	*	*	*	*	*	*
Other Gases.....	*	*	*	*	*	*	*	*
Other Renewables ¹	18 ^R	13 ^R	13 ^R	15 ^R	14 ^R	17 ^R	15 ^R	14
Other ²	6 ^R	*	1 ^R	*	*	*	1 ^R	1
Total.....	702 ^R	548 ^R	459 ^R	469 ^R	443 ^R	412 ^R	329 ^R	322
Nitrogen Oxide								
Coal.....	199 ^R	159	148	145	138	115	118	110
Petroleum.....	71 ^R	82	60	67	64	66	48	44
Natural Gas.....	26 ^R	38	39	30	29	27	24	25
Other Gases.....	*	4 ^R	4 ^R	2 ^R	2 ^R	2 ^R	4 ^R	4
Other Renewables ¹	10 ^R	13 ^R	14					
Other ²	13 ^R	4 ^R	4 ^R	5 ^R	5 ^R	4 ^R	4 ^R	4
Total.....	320 ^R	299 ^R	268 ^R	262 ^R	250 ^R	227 ^R	212 ^R	203
Carbon Dioxide								
Coal.....	68,772	65,130	64,328	65,002	62,947	60,407	62,476	64,872
Petroleum.....	22,334	33,443	27,880	31,193	31,627	32,290	20,502	17,535
Natural Gas.....	20,612	21,626	29,474	30,248	32,918	35,263	41,090	42,778
Other ²	2,402 ^R	2,149 ^R	2,560 ^R	2,333 ^R	2,392 ^R	2,364 ^R	2,460 ^R	2,477
Total.....	114,120 ^R	122,348 ^R	124,242 ^R	128,776 ^R	129,884 ^R	130,325 ^R	126,529 ^R	127,662

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Florida										
Retail Sales (thousand megawatthours)										
Residential	87,845	101,377	108,164	112,650	112,203	115,791	117,053	117,816	50.2	51.0
Commercial	63,337	73,958	77,561	85,257	86,765	89,410	91,300	93,931	36.2	40.6
Industrial	18,266	19,854	18,959	19,375	19,518	19,676	19,768	19,241	10.4	8.3
Other ¹	5,593	5,563	5,789	NA	NA	NA	NA	NA	3.2	--
Transportation.....	NA	NA	NA	97	98	99	99	96	--	*
All Sectors	175,041	200,752	210,474	217,379	218,584	224,977	228,220	231,085	100.0	100.0
Retail Revenue (million dollars).....										
Residential	7,097	8,713	8,823	9,636	10,086	11,141	13,264	13,223	56.4	55.4
Commercial	4,191	5,239	5,150	6,083	6,601	7,293	9,048	9,154	33.3	38.3
Industrial	920	1,028	991	1,048	1,140	1,271	1,523	1,492	7.3	6.2
Other ¹	380	423	430	NA	NA	NA	NA	NA	3.0	--
Transportation.....	NA	NA	NA	7	7	8	10	9	--	*
All Sectors	12,588	15,403	15,394	16,774	17,835	19,713	23,845	23,878	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	8.08	8.59	8.16	8.55	8.99	9.62	11.33	11.22	--	--
Commercial	6.62	7.08	6.64	7.13	7.61	8.16	9.91	9.75	--	--
Industrial	5.04	5.18	5.23	5.41	5.84	6.46	7.71	7.76	--	--
Other ¹	6.80	7.60	7.43	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	7.21	7.45	8.03	10.32	9.73	--	--
All Sectors	7.19	7.67	7.31	7.72	8.16	8.76	10.45	10.33	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Florida								
Number of Entities.....	5	32	NA	16	NA	NA	NA	53
Number of Retail Customers	7,249,477	1,305,104	NA	1,037,388	NA	NA	NA	9,591,969
Retail Sales (thousand megawatthours).....	176,423	35,656	NA	19,006	NA	NA	NA	231,085
Percentage of Retail Sales	76.35	15.43	--	8.22	--	--	--	100.00
Revenue from Retail Sales (million dollars)	18,518	3,444	NA	1,917	NA	NA	NA	23,878
Percentage of Revenue	77.55	14.42	--	8.03	--	--	--	100.00
Average Retail Price (cents/kWh).....	10.50	9.66	NA	10.09	NA	NA	NA	10.33

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Florida								
Supply								
Generation								
Electric Utilities.....	147,984	170,966	182,347	188,035	193,384	196,096	200,015	200,534
Independent Power Producers	3,716	5,675	7,247	8,276	10,334	10,189	10,156	11,500
Combined Heat and Power, Electric	9,779	8,957	9,242	10,335	8,779	8,515	8,656	8,420
Electric Power Sector Generation Subtotal	161,479	185,598	198,835	206,645	212,497	214,800	218,827	220,453
Combined Heat and Power, Commercial	127	107	111	73	96	97	91	82
Combined Heat and Power, Industrial.....	6,642	5,240	4,407	5,891	5,524	5,359	4,834	4,881
Industrial and Commercial Generation Subtotal.....	6,768	5,348	4,517	5,965	5,621	5,456	4,925	4,963
Total Net Generation.....	168,247	190,945	203,353	212,610	218,118	220,256	223,752	225,416
Total Supply	168,247	190,945	203,353	212,610	218,118	220,256	223,752	225,416
Disposition								
Retail Sales								
Full Service Providers	175,041	200,752	210,474	217,372	218,584	224,977	228,220	231,085
Facility Direct Retail Sales.....	-	-	-	7	-	-	-	-
Total Electric Industry Retail Sales.....	175,041	200,752	210,474	217,379	218,584	224,977	228,220	231,085
Direct Use	7,173	6,671	6,816	6,903	6,910	5,346	5,274	5,568
Estimated Losses.....	12,486	9,073	13,579	12,678^R	15,120	16,188^R	17,306	17,115
Total Disposition	194,700	216,497	230,869	236,960^R	240,615	246,511^R	250,800	253,767
Net Interstate Trade	-26,453	-25,551	-27,517	-24,350^R	-22,497	-26,254	-27,048	-28,351
Net Trade Index (ratio)	0.86	0.88	0.88	0.90	0.91	0.89	0.89	0.89

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Georgia		
NERC Region(s).....		SERC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	36,472	7
Electric Utilities.....	26,432	2
Independent Power Producers & Combined Heat and Power.....	10,041	11
Net Generation (megawatthours).....	145,155,158	8
Electric Utilities.....	132,831,987	2
Independent Power Producers & Combined Heat and Power.....	12,323,171	26
Emissions (thousand metric tons)		
Sulfur Dioxide	682	3
Nitrogen Oxide.....	125	8
Carbon Dioxide.....	95,249	7
Sulfur Dioxide (lbs/MWh)	10.4	4
Nitrogen Oxide (lbs/MWh)	1.9	30
Carbon Dioxide (lbs/MWh).....	1,447	21
Total Retail Sales (megawatthours).....	137,453,878	8
Full Service Provider Sales (megawatthours)	137,453,878	6
Direct Use (megawatthours)	6,764,498	5
Average Retail Price (cents/kWh).....	7.86	26

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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	2,236
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	Duke Energy Generation Services	1,250
9. McIntosh Combined Cycle Facility.....	Gas	Georgia Power Co	1,184
10. Wansley Combined Cycle	Gas	Southern Power Co	1,129

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Georgia Power Co	Investor-Owned	86,084,305	26,840,275	33,574,751	25,490,036	179,243
2. Jackson Electric Member Corp	Cooperative	4,889,952	2,817,923	1,442,964	629,065	-
3. Cobb Electric Membership Corp	Cooperative	4,103,522	2,632,962	1,205,007	265,553	-
4. Sawnee Electric Membership Corporation.....	Cooperative	3,056,855	2,032,865	823,067	200,923	-
5. North Georgia Elec Member Corp	Cooperative	2,782,898	1,492,953	516,316	773,629	-
Total Sales, Top Five Providers		100,917,532	35,816,978	37,562,105	27,359,206	179,243
Percent of Total State Sales		73	64	80	80	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Georgia										
Electric Utilities.....	23,147	24,099	25,821	24,804	25,404	26,538	26,542	26,432	93.1	72.5
Coal.....	13,222	13,503	13,498	13,331	13,215	13,192	13,192	13,192	53.2	36.2
Petroleum.....	1,228	1,145	1,145	1,055	991	991	991	973	4.9	2.7
Natural Gas.....	1,281	1,974	3,386	2,827	3,470	4,618	4,609	4,577	5.2	12.5
Nuclear.....	3,955	4,023	4,023	4,040	4,053	4,060	4,060	3,995	15.9	11.0
Hydroelectric	2,337	2,331	2,316	2,097	2,000	2,003	2,016	2,020	9.4	5.5
Pumped Storage.....	1,124	1,124	1,454	1,454	1,675	1,675	1,675	1,675	4.5	4.6
Independent Power Producers and Combined Heat and Power	1,707	5,383	8,780	10,011	9,934	9,993	9,957	10,041	6.9	27.5
Coal.....	51	312	317	317	273	273	245	83	0.2	0.2
Petroleum.....	189	178	253	307	262	1,195	1,192	1,197	0.8	3.3
Natural Gas.....	739	4,472	7,798	8,977	8,883	8,015	8,010	8,075	3.0	22.1
Hydroelectric	14	10	10	11	11	11	11	11	0.1	*
Other Renewables ¹	715	410	402	399	506	499	499	675	2.9	1.8
Total Electric Industry.....	24,854	29,482	34,601	34,815	35,338	36,531	36,499	36,472	100.0	100.0
Coal.....	13,273	13,816	13,815	13,648	13,488	13,465	13,438	13,275	53.4	36.4
Petroleum.....	1,417	1,322	1,397	1,361	1,252	2,185	2,182	2,169	5.7	5.9
Natural Gas.....	2,020	6,446	11,184	11,804	12,353	12,633	12,618	12,652	8.1	34.7
Nuclear.....	3,955	4,023	4,023	4,040	4,053	4,060	4,060	3,995	15.9	11.0
Hydroelectric	2,351	2,341	2,325	2,109	2,012	2,014	2,027	2,032	9.5	5.6
Other Renewables ¹	715	410	402	399	506	499	499	675	2.9	1.8
Pumped Storage.....	1,124	1,124	1,454	1,454	1,675	1,675	1,675	1,675	4.5	4.6

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Georgia										
Electric Utilities.....	101,780,433	110,564,676	111,855,967	115,755,114	117,918,895	126,444,777	127,367,613	132,831,987	94.6	91.5
Coal.....	66,179,551	73,443,695	77,288,328	77,858,022	79,185,166	86,358,096	85,700,960	89,532,913	61.5	61.7
Petroleum.....	200,873	275,630	233,940	278,618	156,672	189,819	86,798	82,380	0.2	0.1
Natural Gas.....	567,727	1,168,337	1,189,392	890,600	2,044,196	4,567,674	7,430,266	8,777,568	0.5	6.0
Nuclear.....	30,414,494	33,681,769	31,107,735	33,256,649	33,747,705	31,534,259	32,005,810	32,544,998	28.3	22.4
Hydroelectric.....	4,228,269	2,564,955	2,684,740	4,107,318	3,663,002	4,004,150	2,544,122	2,215,776	3.9	1.5
Pumped Storage.....	189,519	-569,710	-648,168	-636,093	-877,846	-209,221	-400,343	-321,649	0.2	-0.2
Independent Power Producers and Combined Heat and Power.....	5,845,525	7,752,113	14,656,248	8,321,720	8,893,820	10,223,115	10,642,595	12,323,171	5.4	8.5
Coal.....	996,020	1,117,486	1,539,796	780,467	757,797 ^R	824,163 ^R	803,026 ^R	764,616	0.9	0.5
Petroleum.....	730,295	894,909	970,625	915,441	789,856 ^R	843,273 ^R	747,427 ^R	705,847	0.7	0.5
Natural Gas.....	648,381	2,697,536	5,699,758	3,386,391	4,085,456 ^R	5,203,360 ^R	5,530,332 ^R	7,301,376	0.6	5.0
Hydroelectric.....	51,420	31,472	30,982	32,952	29,394	27,903	24,715	20,412	*	*
Other Renewables ¹	3,415,215	3,002,754	6,381,435	3,173,273	3,191,739 ^R	3,271,888 ^R	3,418,918 ^R	3,415,422	3.2	2.4
Other ²	4,194	7,956	33,652	33,196	39,577 ^R	52,527 ^R	118,176 ^R	115,499	*	0.1
Total Electric Industry.....	107,625,958	118,316,789	126,512,215	124,076,834	126,812,715	136,667,892	138,010,208	145,155,158	100.0	100.0
Coal.....	67,175,571	74,561,181	78,828,124	78,638,489	79,942,963 ^R	87,182,259 ^R	86,503,986 ^R	90,297,529	62.4	62.2
Petroleum.....	931,168	1,170,539	1,204,565	1,194,059	946,528 ^R	1,033,092 ^R	834,225 ^R	788,227	0.9	0.5
Natural Gas.....	1,216,108	3,865,873	6,889,150	4,276,991	6,129,652 ^R	9,771,034 ^R	12,960,598 ^R	16,078,944	1.1	11.1
Nuclear.....	30,414,494	33,681,769	31,107,735	33,256,649	33,747,705	31,534,259	32,005,810	32,544,998	28.3	22.4
Hydroelectric.....	4,279,689	2,596,427	2,715,722	4,140,270	3,692,396	4,032,053	2,568,837	2,236,188	4.0	1.5
Other Renewables ¹	3,415,215	3,002,754	6,381,435	3,173,273	3,191,739 ^R	3,271,888 ^R	3,418,918 ^R	3,415,422	3.2	2.4
Pumped Storage.....	189,519	-569,710	-648,168	-636,093	-877,846	-209,221	-400,343	-321,649	0.2	-0.2
Other ²	4,194	7,956	33,652	33,196	39,577 ^R	52,527 ^R	118,176 ^R	115,499	*	0.1

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	159	166	W	172	180	218	W	W
Average heat value (Btu per pound).....	11,755	11,730	11,686	11,668	11,024	11,058	10,994	10,983
Average sulfur Content (percent)	0.84	0.81	0.79	0.82	0.78	0.81	0.82	0.78
Petroleum (cents per million Btu).....	421	668	549	268	289	433	W	W
Average heat value (Btu per gallon).....	140,471	145,714	138,348	134,648	136,533	141,855	135,864	141,493
Average sulfur Content (percent).....	0.50	0.50	0.40	4.35	4.22	3.63	4.59	4.36
Natural Gas (cents per million Btu).....	265	328	362	572	665	1,027	710	727
Average heat value (Btu per cubic foot).....	1,024	1,020	1,031	1,035	1,031	1,036	1,038	1,040

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Georgia								
Sulfur Dioxide								
Coal.....	486	479	495	517	524	583	619	617
Petroleum.....	34 ^R	47	36	42	33	35	37	36
Natural Gas	*	*	*	*	*	*	*	*
Other Renewables ¹	34 ^R	31 ^R	31 ^R	27 ^R	27 ^R	27 ^R	29 ^R	28
Other ²	1 ^R	*	*	*	*	*	*	*
Total.....	556 ^R	557 ^R	563 ^R	586 ^R	584 ^R	646 ^R	685 ^R	682
Nitrogen Oxide								
Coal.....	168 ^R	153	138	101	97	107	109	104
Petroleum.....	6 ^R	5	5	6	4	4	4	4
Natural Gas	4	3	6	4	3	4	5	6
Other Renewables ¹	12 ^R	11 ^R	11 ^R	10 ^R	10 ^R	10 ^R	12 ^R	11
Other ²	1 ^R	*	*	*	*	*	*	*
Total.....	191 ^R	172 ^R	159 ^R	120 ^R	115 ^R	126 ^R	130 ^R	125
Carbon Dioxide								
Coal.....	69,853	70,521	75,279	74,636	76,683	82,689	81,967	85,948
Petroleum.....	2,377	2,261	2,480	2,322	1,967	2,005	1,586	1,522
Natural Gas	1,653	2,837	3,799	2,177	2,916	4,374	5,687	7,145
Other ²	148 ^R	64 ^R	157 ^R	159 ^R	148 ^R	185 ^R	659 ^R	633
Total.....	74,032 ^R	75,683 ^R	81,716 ^R	79,294 ^R	81,714 ^R	89,253 ^R	89,898 ^R	95,249

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Georgia										
Retail Sales (thousand megawatthours)										
Residential	36,831	44,380	48,600	48,174	51,124	52,827	54,521	56,223	36.0	40.9
Commercial	30,200	37,839	38,887	40,554	42,316	44,663	45,547	46,997	29.5	34.2
Industrial	33,957	33,941	34,603	34,768	35,846	34,602	34,588	34,054	33.2	24.8
Other ¹	1,262	1,631	1,699	NA	NA	NA	NA	NA	1.2	--
Transportation.....	NA	NA	NA	180	180	174	179	179	--	0.1
All Sectors	102,250	117,790	123,789	123,677	129,466	132,265	134,834	137,454	100.0	100.0
Retail Revenue (million dollars).....										
Residential	2,852	3,428	3,706	3,711	4,016	4,565	4,858	5,114	43.8	47.3
Commercial	2,147	2,503	2,513	2,699	2,912	3,428	3,559	3,791	33.0	35.1
Industrial	1,402	1,454	1,366	1,397	1,587	1,827	1,861	1,884	21.5	17.4
Other ¹	114	140	141	NA	NA	NA	NA	NA	1.8	--
Transportation.....	NA	NA	NA	9	9	10	11	12	--	0.1
All Sectors	6,515	7,524	7,726	7,816	8,525	9,830	10,288	10,800	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.74	7.72	7.63	7.70	7.86	8.64	8.91	9.10	--	--
Commercial	7.11	6.61	6.46	6.66	6.88	7.67	7.81	8.07	--	--
Industrial	4.13	4.28	3.95	4.02	4.43	5.28	5.38	5.53	--	--
Other ¹	9.05	8.56	8.31	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	4.81	5.12	5.90	6.12	6.42	--	--
All Sectors	6.37	6.39	6.24	6.32	6.58	7.43	7.63	7.86	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Georgia								
Number of Entities.....	1	53	NA	43	NA	NA	NA	97
Number of Retail Customers	2,324,874	341,591	NA	1,888,831	NA	NA	NA	4,555,296
Retail Sales (thousand megawatthours).....	86,084	11,988	NA	39,381	NA	NA	NA	137,454
Percentage of Retail Sales	62.63	8.72	--	28.65	--	--	--	100.00
Revenue from Retail Sales (million dollars)	6,500	901	NA	3,400	NA	NA	NA	10,800
Percentage of Revenue	60.18	8.34	--	31.48	--	--	--	100.00
Average Retail Price (cents/kWh).....	7.55	7.51	NA	8.63	NA	NA	NA	7.86

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Georgia								
Supply								
Generation								
Electric Utilities.....	101,780	110,565	111,856	115,755	117,919	126,445	127,368	132,832
Independent Power Producers	219	1,847	4,894	3,031	3,861	4,913	5,164	6,843
Combined Heat and Power, Electric	568	386	388	207	33	141	178	274
Electric Power Sector Generation Subtotal	102,567	112,798	117,138	118,993	121,813	131,499	132,709	139,949
Combined Heat and Power, Commercial	6	3	3	3	3	10	4	4
Combined Heat and Power, Industrial.....	5,053	5,516	9,372	5,081	4,997	5,159	5,297	5,202
Industrial and Commercial Generation Subtotal.....	5,059	5,519	9,374	5,084	5,000	5,169	5,301	5,206
Total Net Generation.....	107,626	118,317	126,512	124,077	126,813	136,668	138,010	145,155
Total Supply	107,626	118,317	126,512	124,077	126,813	136,668	138,010	145,155
Disposition								
Retail Sales								
Full Service Providers	102,250	117,790	123,789	123,677	129,466	132,265	134,834	137,454
Total Electric Industry Retail Sales.....	102,250	117,790	123,789	123,677	129,466	132,265	134,834	137,454
Direct Use	5,630	5,370	5,487	5,557	5,563	5,092	5,421	6,764
Estimated Losses.....	7,294	11,516	25,102	14,182 ^R	20,459	11,281 ^R	9,251	10,961
Total Disposition	115,174	134,677	154,378	143,415^R	155,488	148,638	149,507	155,179
Net Interstate Trade.....	-7,548	-16,360	-27,866	-19,339^R	-28,675	-11,970	-11,496	-10,024
Net Trade Index (ratio).....	0.93	0.88	0.82	0.87	0.82	0.92	0.92	0.94

R = Revised.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Hawaii		
NERC Region(s).....		--
Primary Energy Source.....		Petroleum
Net Summer Capacity (megawatts)	2,436	47
Electric Utilities.....	1,730	40
Independent Power Producers & Combined Heat and Power.....	705	43
Net Generation (megawatthours).....	11,533,350	44
Electric Utilities.....	6,928,397	37
Independent Power Producers & Combined Heat and Power.....	4,604,953	38
Emissions (thousand metric tons)		
Sulfur Dioxide	22	40
Nitrogen Oxide.....	23	37
Carbon Dioxide.....	8,934	42
Sulfur Dioxide (lbs/MWh)	4.2	21
Nitrogen Oxide (lbs/MWh)	4.4	4
Carbon Dioxide (lbs/MWh).....	1,708	15
Total Retail Sales (megawatthours).....	10,585,299	48
Full Service Provider Sales (megawatthours)	10,585,299	44
Direct Use (megawatthours)	342,290	41
Average Retail Price (cents/kWh).....	21.29	1

There is no NERC Region for Hawaii. This is shown as "--" in the table.

MWh = Megawatthours.

kWh = Kilowatthours.

-- = Not applicable.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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. Kalaeloa Cogen Plant	Petroleum	Kalaeloa Partners LP	214
4. Maalaea.....	Petroleum	Maui Electric Co Ltd	205
5. AES Hawaii	Coal	AES Hawaii Inc	180
6. Honolulu	Petroleum	Hawaiian Electric Co Inc	100
7. Port Allen.....	Petroleum	Kauai Island Utility Cooperative	90
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

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Hawaii						
1. Hawaiian Electric Co Inc.....	Investor-Owned	7,675,355	2,134,535	2,512,869	3,027,951	-
2. Maui Electric Co Ltd.....	Investor-Owned	1,280,103	449,576	416,556	413,971	-
3. Hawaii Electric Light Co Inc.....	Investor-Owned	1,162,684	451,386	463,043	248,255	-
4. Kauai Island Utility Cooperative.....	Cooperative	466,896	165,178	127,555	174,163	-
5. Gay & Robinson Inc.....	Facility	261	50	211	-	-
Total Sales, Top Five Providers.....		10,585,299	3,200,725	3,520,234	3,864,340	-
Percent of Total State Sales.....		100	100	100	100	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Hawaii										
Electric Utilities.....	1,595	1,622	1,622	1,624	1,691	1,705	1,730	1,730	68.3	71.0
Petroleum.....	1,592	1,616	1,618	1,620	1,687	1,699	1,724	1,724	68.1	70.8
Hydroelectric.....	3	3	2	2	2	4	4	4	0.1	0.2
Other Renewables ¹	-	2	2	2	2	2	2	2	-	0.1
Independent Power Producers and Combined Heat and Power.....	742	670	645	644	620	653	684	705	31.7	29.0
Coal.....	213	202	202	202	180	180	180	180	9.1	7.4
Petroleum.....	275	251	264	262	262	296	296	296	11.8	12.1
Other Gases ²	8	9	9	9	9	9	9	9	0.3	0.4
Hydroelectric.....	25	22	22	21	21	20	20	20	1.1	0.8
Other Renewables ¹	221	186	148	150	149	149	180	201	9.4	8.3
Total Electric Industry.....	2,337	2,292	2,267	2,268	2,311	2,358	2,414	2,436	100.0	100.0
Coal.....	213	202	202	202	180	180	180	180	9.1	7.4
Petroleum.....	1,867	1,867	1,882	1,882	1,949	1,994	2,019	2,020	79.9	82.9
Other Gases ²	8	9	9	9	9	9	9	9	0.3	0.4
Hydroelectric.....	28	25	23	22	22	24	24	24	1.2	1.0
Other Renewables ¹	221	188	150	153	151	151	182	203	9.4	8.4

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Hawaii										
Electric Utilities.....	6,212,643	6,383,088	7,513,051	6,493,205	6,982,469	6,915,159	7,040,473	6,928,397	60.2	60.1
Petroleum.....	6,193,852	6,362,846	7,502,913	6,489,565	6,971,259	6,904,293	7,015,977	6,913,231	60.1	59.9
Hydroelectric	18,791	18,132	8,533	2,078	9,724	9,169	23,656	14,729	0.2	0.1
Other Renewables ¹	-	2,110	1,605	1,562	1,486	1,697	840	437	-	*
Independent Power Producers and Combined Heat and Power.....	4,099,604	4,250,005	4,150,019	4,483,166	4,427,934	4,607,646	4,518,701	4,604,953	39.8	39.9
Coal.....	1,574,731	1,604,764	1,545,797	1,644,137	1,603,751 ^R	1,630,918 ^R	1,548,595 ^R	1,578,931	15.3	13.7
Petroleum.....	1,495,288	1,860,978	1,964,077	2,012,985	1,973,437 ^R	2,163,299 ^R	2,038,497 ^R	2,000,976	14.5	17.3
Other Gases ²	65,383	37,855	40,816	40,251	47,908 ^R	41,133 ^R	42,757 ^R	45,226	0.6	0.4
Hydroelectric	96,539	82,618	86,535	88,427	84,177	87,019	96,431	77,614	0.9	0.7
Other Renewables ¹	867,663	494,312	369,313	525,469	548,129 ^R	536,272 ^R	616,802	752,910	8.4	6.5
Other ³	-	169,478	143,481	171,897	170,532 ^R	149,006 ^R	175,619 ^R	149,295	-	1.3
Total Electric Industry.....	10,312,247	10,633,093	11,663,070	10,976,371	11,410,403	11,522,805	11,559,174	11,533,350	100.0	100.0
Coal.....	1,574,731	1,604,764	1,545,797	1,644,137	1,603,751 ^R	1,630,918 ^R	1,548,595 ^R	1,578,931	15.3	13.7
Petroleum.....	7,689,140	8,223,824	9,466,990	8,502,550	8,944,696 ^R	9,067,592 ^R	9,054,474 ^R	8,914,207	74.6	77.3
Other Gases ²	65,383	37,855	40,816	40,251	47,908 ^R	41,133 ^R	42,757 ^R	45,226	0.6	0.4
Hydroelectric	115,330	100,750	95,068	90,505	93,901	96,188	120,087	92,343	1.1	0.8
Other Renewables ¹	867,663	496,422	370,918	527,031	549,615 ^R	537,969 ^R	617,642	753,347	8.4	6.5
Other ³	-	169,478	143,481	171,897	170,532 ^R	149,006 ^R	175,619 ^R	149,295	-	1.3

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	-	-	W	W	W	W	W	W
Average heat value (Btu per pound).....	-	-	11,536	11,422	11,097	10,975	10,943	10,871
Average sulfur Content (percent)	-	-	0.32	0.44	0.49	0.55	0.51	0.47
Petroleum (cents per million Btu).....	364	490	W	W	W	W	W	W
Average heat value (Btu per gallon).....	149,350	146,429	139,410	140,581	140,629	135,093	134,674	134,890
Average sulfur Content (percent)	0.40	0.46	0.44	0.42	0.45	0.34	0.33	0.34

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Hawaii								
Sulfur Dioxide								
Coal.....	4 ^R	1	2	1	1	1	1	1
Petroleum.....	39 ^R	24	20	21	22	20	21	21
Other Renewables ¹	*	*	*	*	*	*	*	*
Other ²	*	*	*	*	*	*	*	*
Total.....	44 ^R	26 ^R	23 ^R	23 ^R	24 ^R	21 ^R	22 ^R	22
Nitrogen Oxide								
Coal.....	5 ^R	1	3	1	1	1	1	1
Petroleum.....	21 ^R	24	28	25	26	27	26	21
Other Gases.....	*	*	*	*	*	*	*	*
Other Renewables ¹	1 ^R	1						
Other ²	1 ^R	*	*	*	*	*	*	*
Total.....	27 ^R	27 ^R	32 ^R	28 ^R	29 ^R	30 ^R	29 ^R	23
Carbon Dioxide								
Coal.....	1,689	1,638	1,596	1,700	1,711	1,575	1,513	1,587
Petroleum.....	6,455	6,713	7,462	6,738	7,173	7,268	7,305	7,156
Geothermal.....	6 ^R	5 ^R	2 ^R	5 ^R	5 ^R	6 ^R	5 ^R	6
Other ²	223 ^R	351 ^R	183 ^R	209 ^R	210 ^R	182 ^R	213 ^R	185
Total.....	8,374 ^R	8,708 ^R	9,243 ^R	8,652 ^R	9,100 ^R	9,031 ^R	9,036 ^R	8,934

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Hawaii										
Retail Sales (thousand megawatthours)										
Residential	2,668	2,802	2,898	3,028	3,162	3,164	3,182	3,201	28.5	30.2
Commercial	2,782	3,129	3,168	3,517	3,632	3,463	3,490	3,520	29.7	33.3
Industrial	3,856	3,790	3,770	3,846	3,937	3,912	3,896	3,864	41.2	36.5
Other ¹	57	63	55	NA	NA	NA	NA	NA	0.6	--
All Sectors	9,363	9,785	9,892	10,391	10,732	10,539	10,568	10,585	100.0	100.0
Retail Revenue (million dollars)										
Residential	395	458	453	507	571	655	743	772	33.8	34.3
Commercial	369	464	447	528	588	659	748	771	31.5	34.2
Industrial	398	443	415	469	526	618	700	710	34.0	31.5
Other ¹	8	11	9	NA	NA	NA	NA	NA	0.6	--
All Sectors	1,169	1,374	1,325	1,504	1,685	1,932	2,190	2,253	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	14.80	16.34	15.63	16.73	18.06	20.70	23.35	24.12	--	--
Commercial	13.26	14.81	14.11	15.02	16.19	19.04	21.42	21.91	--	--
Industrial	10.32	11.68	11.02	12.20	13.35	15.79	17.96	18.38	--	--
Other ¹	13.20	16.81	16.85	NA	NA	NA	NA	NA	--	--
All Sectors	12.49	14.05	13.39	14.47	15.70	18.33	20.72	21.29	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

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	438,234	NA	NA	31,582	13	NA	NA	469,829
Retail Sales (thousand megawatthours)	10,118	NA	NA	467	*	NA	NA	10,585
Percentage of Retail Sales	95.59	--	--	4.41	*	--	--	100.00
Revenue from Retail Sales (million dollars)	2,091	NA	NA	163	*	NA	NA	2,253
Percentage of Revenue	92.77	--	--	7.23	*	--	--	100.00
Average Retail Price (cents/kWh)	20.66	NA	NA	34.89	4.60	NA	NA	21.29

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Hawaii								
Supply								
Generation								
Electric Utilities	6,213	6,383	7,513	6,493	6,982	6,915	7,040	6,928
Independent Power Producers	656	521	400	551	267	280	349	508
Combined Heat and Power, Electric	2,869	3,225	3,289	3,640	3,568	3,769	3,566	3,525
Electric Power Sector Generation Subtotal	9,738	10,129	11,202	10,685	10,818	10,964	10,956	10,961
Combined Heat and Power, Commercial	-	-	-	-	325	293	339	304
Combined Heat and Power, Industrial.....	575	504	461	292	267	266	264	268
Industrial and Commercial Generation Subtotal	575	504	461	292	593	559	603	573
Total Net Generation	10,312	10,633	11,663	10,976	11,410	11,523	11,559	11,533
Total Supply	10,312	10,633	11,663	10,976	11,410	11,523	11,559	11,533
Disposition								
Retail Sales								
Full Service Providers	9,363	9,785	9,892	10,206	10,510	10,539	10,568	10,585
Facility Direct Retail Sales.....	-	-	-	184	221	*	-	*
Total Electric Industry Retail Sales	9,363	9,785	9,892	10,391	10,732	10,539	10,568	10,585
Direct Use	469	464	474	480	481	398	365	342
Estimated Losses	668	366	517	460^R	523	643	681	672
Total Disposition	10,500	10,614	10,883	11,331^R	11,735	11,580	11,614	11,600
Net Interstate Trade¹	-188	19	780	-355	-325	-57	-55	-66
Net Trade Index (ratio)	0.98	1.00	1.07	0.97	0.97	1.00	1.00	0.99

¹ The category "Net Interstate Trade" includes discrepancies arising from reported generation and sales. Hawaii has no interstate trade.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Idaho		
NERC Region(s).....		WECC
Primary Energy Source.....		Hydroelectric
Net Summer Capacity (megawatts)	3,196	45
Electric Utilities.....	2,547	37
Independent Power Producers & Combined Heat and Power.....	649	44
Net Generation (megawatthours).....	11,484,091	45
Electric Utilities.....	8,611,890	36
Independent Power Producers & Combined Heat and Power.....	2,872,201	40
Emissions (thousand metric tons)		
Sulfur Dioxide	7	46
Nitrogen Oxide.....	4	48
Carbon Dioxide.....	1,274	49
Sulfur Dioxide (lbs/MWh)	1.3	42
Nitrogen Oxide (lbs/MWh)	0.7	46
Carbon Dioxide (lbs/MWh).....	245	50
Total Retail Sales (megawatthours).....	23,755,186	38
Full Service Provider Sales (megawatthours)	23,755,186	38
Direct Use (megawatthours)	663,231	35
Average Retail Price (cents/kWh).....	5.07	51

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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 Corp	276
4. Rathdrum Power LLC	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 Corp	136
8. C J Strike	Hydroelectric	Idaho Power Co	89
9. Lucky Peak Power Plant Project	Hydroelectric	Boise-Kuna Irrigation District	83
10. Evander Andrews Power Complex	Gas	Idaho Power Co	76

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Idaho						
1. Idaho Power Co	Investor-Owned	13,848,367	5,027,204	3,787,149	5,034,014	-
2. PacifiCorp	Investor-Owned	3,475,273	710,521	400,328	2,364,424	-
3. Avista Corp.....	Investor-Owned	3,445,281	1,189,723	1,006,232	1,249,326	-
4. Idaho Falls City of	Public	692,883	286,419	308,917	97,547	-
5. Kootenai Electric Coop Inc	Cooperative	403,549	274,601	102,892	26,056	-
Total Sales, Top Five Providers		21,865,353	7,488,468	5,605,518	8,771,367	-
Percent of Total State Sales		92	90	93	93	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Idaho										
Electric Utilities.....	2,576	2,659	2,690	2,439	2,394	2,558	2,558	2,547	85.6	79.7
Petroleum.....	6	5	5	5	5	5	5	5	0.2	0.2
Natural Gas	136	212	212	212	212	376	376	376	4.5	11.8
Hydroelectric	2,435	2,441	2,472	2,221	2,176	2,176	2,176	2,166	80.9	67.8
Independent Power Producers and Combined Heat and Power	434	577	574	563	592	602	652	649	14.4	20.3
Coal.....	18	15	16	17	17	17	17	17	0.6	0.5
Natural Gas	18	269	269	269	269	269	269	269	0.6	8.4
Hydroelectric	253	197	193	193	214	214	201	202	8.4	6.3
Other Renewables ¹	130	81	81	70	77	88	150	146	4.3	4.6
Other ²	15	15	15	15	15	15	15	15	0.5	0.5
Total Electric Industry.....	3,011	3,236	3,264	3,002	2,986	3,160	3,210	3,196	100.0	100.0
Coal.....	18	15	16	17	17	17	17	17	0.6	0.5
Petroleum.....	6	5	5	5	5	5	5	5	0.2	0.2
Natural Gas	154	481	481	481	481	645	645	645	5.1	20.2
Hydroelectric	2,688	2,638	2,665	2,414	2,391	2,390	2,378	2,367	89.3	74.1
Other Renewables ¹	130	81	81	70	77	88	150	146	4.3	4.6
Other ²	15	15	15	15	15	15	15	15	0.5	0.5

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Idaho										
Electric Utilities.....	13,511,823	6,666,589	8,164,140	7,732,812	7,765,655	8,032,438	10,495,090	8,611,890	86.7	75.0
Petroleum.....	95	3,723	65	116	136	5	144	134	*	*
Natural Gas.....	-	-	76,168	61,229	27,775	73,353	94,504	240,504	-	2.1
Hydroelectric.....	13,511,728	6,662,866	8,087,907	7,671,467	7,737,744	7,959,080	10,400,442	8,371,252	86.7	72.9
Independent Power Producers and Combined Heat and Power.....	2,077,187	2,680,352	1,622,793	2,690,124	3,097,384	2,792,546	2,890,995	2,872,201	13.3	25.0
Coal.....	27,462	72,284	90,673	90,290	99,203 ^R	95,181	82,302	83,564	0.2	0.7
Petroleum.....	11,651	-	-	-	-	-	-	-	0.1	-
Natural Gas.....	312,988	1,405,286	252,820	1,313,591	1,676,048 ^R	1,523,927 ^R	1,203,891 ^R	1,416,751	2.0	12.3
Hydroelectric.....	1,163,899	560,260	681,414	682,567	723,911	583,041	841,930	650,438	7.5	5.7
Other Renewables ¹	471,237	533,335	508,303	540,953	560,280 ^R	559,631 ^R	689,957 ^R	652,849	3.0	5.7
Other ²	89,950	109,187	89,583	62,722	37,942 ^R	30,766 ^R	72,916 ^R	68,599	0.6	0.6
Total Electric Industry.....	15,589,010	9,346,941	9,786,933	10,422,936	10,863,039	10,824,984	13,386,085	11,484,091	100.0	100.0
Coal.....	27,462	72,284	90,673	90,290	99,203 ^R	95,181	82,302	83,564	0.2	0.7
Petroleum.....	11,746	3,723	65	116	136	5	144	134	0.1	*
Natural Gas.....	312,988	1,405,286	328,988	1,374,820	1,703,823 ^R	1,597,280 ^R	1,298,395 ^R	1,657,255	2.0	14.4
Hydroelectric.....	14,675,627	7,223,126	8,769,321	8,354,034	8,461,655	8,542,121	11,242,372	9,021,690	94.1	78.6
Other Renewables ¹	471,237	533,335	508,303	540,953	560,280 ^R	559,631 ^R	689,957 ^R	652,849	3.0	5.7
Other ²	89,950	109,187	89,583	62,722	37,942 ^R	30,766 ^R	72,916 ^R	68,599	0.6	0.6

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Natural Gas (cents per million Btu).....	-	-	W	W	W	W	W	W
Average heat value (Btu per cubic foot).....	-	-	1,020	1,018	1,024	1,015	1,021	1,024

Idaho

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Idaho								
Sulfur Dioxide								
Coal.....	3 ^R	1	3	3	4	2	2	4
Petroleum.....	*	*	*	-	-	-	-	-
Natural Gas.....	*	*	*	*	*	*	*	*
Other Renewables ¹	3 ^R	3 ^R	3 ^R	3 ^R	3 ^R	3 ^R	3 ^R	3
Other ²	*	-	-	-	-	-	-	-
Total.....	6 ^R	4 ^R	6 ^R	6 ^R	7 ^R	5 ^R	5 ^R	7
Nitrogen Oxide								
Coal.....	1	*	2	2	2	1	1	2
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	1	1	1	1	1	1	*	*
Other Renewables ¹	1 ^R	1 ^R	1 ^R	1 ^R	1 ^R	1 ^R	1 ^R	1
Other ²	*	*	*	*	*	* ^R	*	*
Total.....	3 ^R	2 ^R	3 ^R	3 ^R	4 ^R	2 ^R	2 ^R	4
Carbon Dioxide								
Coal.....	240	266	460	498	484	493	277	486
Petroleum.....	49	3	*	*	*	*	*	*
Natural Gas.....	520	825	307	606	812	841	598	788
Other ²	37 ^R	-	-	-	-	-	-	-
Total.....	846 ^R	1,094 ^R	767 ^R	1,104 ^R	1,296 ^R	1,334 ^R	875 ^R	1,274

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Idaho										
Retail Sales (thousand megawatthours)										
Residential	6,628	6,906	7,056	7,090	7,314	7,601	8,057	8,339	29.6	35.1
Commercial	5,969	6,543	6,963	5,466	5,484	5,615	5,813	6,015	26.7	25.3
Industrial	9,481	7,305	6,352	8,663	9,011	8,636	8,891	9,401	42.3	39.6
Other ¹	316	342	329	NA	NA	NA	NA	NA	1.4	--
All Sectors	22,394	21,096	20,700	21,219	21,809	21,853	22,762	23,755	100.0	100.0
Retail Revenue (million dollars)										
Residential	341	415	465	443	446	478	500	530	39.1	44.1
Commercial	249	336	398	304	294	304	300	309	28.5	25.7
Industrial	269	271	276	360	344	337	321	364	30.8	30.3
Other ¹	15	16	17	NA	NA	NA	NA	NA	1.7	--
All Sectors	874	1,037	1,156	1,107	1,085	1,120	1,121	1,204	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	5.15	6.01	6.59	6.24	6.10	6.29	6.21	6.36	--	--
Commercial	4.17	5.13	5.71	5.56	5.37	5.42	5.16	5.14	--	--
Industrial	2.60	3.71	4.34	4.16	3.82	3.91	3.61	3.87	--	--
Other ¹	4.68	4.66	5.18	NA	NA	NA	NA	NA	--	--
All Sectors	3.87	4.92	5.58	5.22	4.97	5.12	4.92	5.07	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

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	645,282	41,686	NA	79,744	NA	NA	NA	766,712
Retail Sales (thousand megawatthours)	20,769	1,074	NA	1,912	NA	NA	NA	23,755
Percentage of Retail Sales	87.43	4.52	--	8.05	--	--	--	100.00
Revenue from Retail Sales (million dollars)	1,018	65	NA	121	NA	NA	NA	1,204
Percentage of Revenue	84.55	5.40	--	10.05	--	--	--	100.00
Average Retail Price (cents/kWh)	4.90	6.05	NA	6.33	NA	NA	NA	5.07

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Idaho								
Supply								
Generation								
Electric Utilities.....	13,512	6,667	8,164	7,733	7,766	8,032	10,495	8,612
Independent Power Producers	1,164	1,696	681	1,788	2,175	1,895	2,042	2,098
Combined Heat and Power, Electric	205	201	245	245	248	240	214	177
Electric Power Sector Generation Subtotal	14,881	8,564	9,090	9,765	10,188	10,167	12,751	10,888
Combined Heat and Power, Industrial.....	708	783	697	658	675	658	635	596
Industrial and Commercial Generation Subtotal.....	708	783	697	658	675	658	635	596
Total Net Generation.....	15,589	9,347	9,787	10,423	10,863	10,825	13,386	11,484
Total International Imports.....	170	5	1	2	33	89	40	100
Total Supply	15,759	9,352	9,788	10,425	10,896	10,914	13,426	11,584
Disposition								
Retail Sales								
Full Service Providers	21,235	21,096	20,700	21,214	21,767	21,853	22,762	23,755
Energy-Only Providers.....	1,159	-	-	-	41	-	-	-
Facility Direct Retail Sales.....	-	-	-	5	-	-	-	-
Total Electric Industry Retail Sales.....	22,394	21,096	20,700	21,219	21,809	21,853	22,762	23,755
Direct Use	719	687	702	710	711	550	605	663
Total International Exports.....	*	4	1	-	-	-	-	56
Estimated Losses.....	1,597	1,520	1,780	1,825	1,968	1,917	2,073	2,093
Total Disposition	24,710	23,307	23,181	23,754	24,488	24,320	25,440	26,567
Net Interstate Trade.....	-8,951	-13,956	-13,394	-13,329	-13,592	-13,406	-12,014	-14,983
Net Trade Index (ratio)	0.64	0.40	0.42	0.44	0.44	0.45	0.53	0.44

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Illinois		
NERC Region(s).....		MRO/RFC/SERC
Primary Energy Source.....		Nuclear
Net Summer Capacity (megawatts)	42,731	5
Electric Utilities.....	4,642	35
Independent Power Producers & Combined Heat and Power.....	38,089	3
Net Generation (megawatthours).....	200,260,681	5
Electric Utilities.....	9,977,633	35
Independent Power Producers & Combined Heat and Power.....	190,283,048	3
Emissions (thousand metric tons)		
Sulfur Dioxide	302	12
Nitrogen Oxide.....	120	10
Carbon Dioxide.....	104,620	6
Sulfur Dioxide (lbs/MWh)	3.3	26
Nitrogen Oxide (lbs/MWh)	1.3	38
Carbon Dioxide (lbs/MWh).....	1,152	36
Total Retail Sales (megawatthours).....	146,055,151	7
Full Service Provider Sales (megawatthours)	84,608,326	16
Deregulated Sales (megawatthours).....	61,446,825	2
Direct Use (megawatthours).....	5,088,930	7
Average Retail Price (cents/kWh).....	8.46	22

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Illinois			
1. Braidwood Generation Station	Nuclear	Exelon Nuclear	2,330
2. Byron Generating Station	Nuclear	Exelon Nuclear	2,300
3. LaSalle Generating Station	Nuclear	Exelon Nuclear	2,238
4. Baldwin Energy Complex	Coal	Dynegy Midwest Generation Inc	1,764
5. Quad Cities Generating Station	Nuclear	Exelon Nuclear	1,734
5. Dresden Generating Station.....	Nuclear	Exelon Nuclear	1,734
7. Powerton.....	Coal	Midwest Generations EME LLC	1,538
8. Elwood Energy LLC.....	Gas	Dominion Elwood Services Co	1,350
9. Newton.....	Coal	Ameren Energy Generating Co	1,164
10. Kincaid Generation LLC	Coal	Dominion Energy Services Co	1,158

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Commonwealth Edison Co.....	Investor-Owned	48,557,188	29,374,282	17,209,488	1,956,313	17,105
2. Constellation NewEnergy, Inc.....	Other Provider	14,018,633	-	4,192,075	9,826,558	-
3. MidAmerican Energy Co.....	Investor-Owned	11,789,621	658,897	4,902,377	6,228,347	-
4. Illinois Power Co.....	Investor-Owned	9,771,788	5,858,993	3,572,216	340,329	250
5. Exelon Energy Company.....	Other Provider	8,293,984	-	7,863,475	-	430,509
Total Sales, Top Five Providers.....		92,431,214	35,892,172	37,739,631	18,351,547	447,864
Percent of Total State Sales.....		63	75	73	40	82

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Illinois										
Electric Utilities.....	33,549	4,420	4,151	3,007	2,994	3,987	4,742	4,642	97.3	10.9
Coal.....	15,339	2,862	2,862	1,866	1,859	1,844	1,844	1,767	44.5	4.1
Petroleum.....	2,671	700	406	368	401	399	399	377	7.7	0.9
Natural Gas.....	2,917	846	871	761	722	1,729	2,485	2,483	8.5	5.8
Nuclear.....	12,609	-	-	-	-	-	-	-	36.6	-
Hydroelectric.....	13	12	12	12	12	13	13	13	*	*
Other Renewables ¹	-	-	-	-	-	2	2	2	-	*
Independent Power Producers and Combined Heat and Power.....	929	35,648	40,558	42,534	39,038	38,542	37,547	38,089	2.7	89.1
Coal.....	393	12,937	12,792	13,795	13,832	13,945	13,887	13,815	1.1	32.3
Petroleum.....	7	1,016	1,013	930	754	754	744	720	*	1.7
Natural Gas.....	329	10,511	15,240	16,071	12,800	12,138	11,220	11,226	1.0	26.3
Other Gases ²	45	33	40	40	47	47	47	47	0.1	0.1
Nuclear.....	-	10,963	11,312	11,465	11,379	11,388	11,379	11,379	-	26.6
Hydroelectric.....	21	23	9	21	21	20	20	20	0.1	*
Other Renewables ¹	135	125	135	193	184	231	230	882	0.4	2.1
Other ³	-	40	19	20	20	20	20	-	-	-
Total Electric Industry.....	34,478	40,068	44,709	45,541	42,032	42,530	42,289	42,731	100.0	100.0
Coal.....	15,732	15,799	15,654	15,661	15,691	15,789	15,731	15,582	45.6	36.5
Petroleum.....	2,678	1,716	1,418	1,298	1,155	1,154	1,143	1,097	7.8	2.6
Natural Gas.....	3,246	11,357	16,111	16,832	13,522	13,867	13,705	13,709	9.4	32.1
Other Gases ²	45	33	40	40	47	47	47	47	0.1	0.1
Nuclear.....	12,609	10,963	11,312	11,465	11,379	11,388	11,379	11,379	36.6	26.6
Hydroelectric.....	34	35	21	33	33	33	33	33	0.1	0.1
Other Renewables ¹	135	125	135	193	184	232	231	884	0.4	2.1
Other ³	-	40	19	20	20	20	20	-	-	-

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Illinois										
Electric Utilities.....	131,138,327	29,835,014	17,149,913	9,563,746	19,184,751	10,767,684	11,094,235	9,977,633	97.0	5.0
Coal.....	76,091,528	29,124,508	16,897,445	9,390,702	18,923,288	10,103,378	10,622,870	9,150,501	56.3	4.6
Petroleum.....	495,250	99,445	34,464	48,792	120,725	137,746	45,626	25,128	0.4	*
Natural Gas.....	3,442,363	546,305	161,134	53,174	62,240	456,421	325,382	713,867	2.5	0.4
Nuclear.....	51,068,818	-	-	-	-	-	-	-	37.8	-
Hydroelectric.....	16,773	56,802	56,870	71,078	72,165	61,879	84,682	67,950	*	*
Other Renewables ¹	23,595	4,534	-	-	6,333	8,260	15,675	20,187	*	*
Other ²	-	3,420	-	-	-	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	4,002,442	149,414,271	170,904,536	179,491,514	172,773,027^R	183,352,462	181,332,723	190,283,048	3.0	95.0
Coal.....	2,029,739	50,426,129	69,787,902	78,590,647	75,478,340 ^R	82,161,812 ^R	81,025,894 ^R	86,114,412	1.5	43.0
Petroleum.....	32,672	1,406,560	188,219	1,072,125	641,615 ^R	189,444 ^R	90,121 ^R	106,539	*	0.1
Natural Gas.....	840,241	4,059,988	8,917,601	3,849,288	3,331,072 ^R	6,657,830 ^R	4,953,616 ^R	6,827,660	0.6	3.4
Other Gases ³	361,119	355,776	232,850	203,627	246,008 ^R	198,799 ^R	148,822 ^R	134,271	0.3	0.1
Nuclear.....	-	92,358,477	90,860,108	94,733,036	92,047,323	93,263,001	94,154,140	95,728,845	-	47.8
Hydroelectric.....	80,401	87,225	71,952	67,422	81,364	67,158	88,590	85,777	0.1	*
Other Renewables ¹	658,270	674,036	723,508	818,951	815,666 ^R	774,621 ^R	833,157 ^R	1,264,565	0.5	0.6
Other ²	-	46,080	122,396	156,418	131,640	39,797 ^R	38,383 ^R	20,978	-	*
Total Electric Industry.....	135,140,769	179,249,285	188,054,449	189,055,260	191,957,778^R	194,120,146	192,426,958	200,260,681	100.0	100.0
Coal.....	78,121,267	79,550,637	86,685,347	87,981,349	94,401,628 ^R	92,265,190 ^R	91,648,764 ^R	95,264,914	57.8	47.6
Petroleum.....	527,922	1,506,005	222,683	1,120,917	762,340 ^R	327,190 ^R	135,747 ^R	131,667	0.4	0.1
Natural Gas.....	4,282,604	4,606,293	9,078,735	3,902,462	3,393,312 ^R	7,114,251 ^R	5,278,998 ^R	7,541,527	3.2	3.8
Other Gases ³	361,119	355,776	232,850	203,627	246,008 ^R	198,799 ^R	148,822 ^R	134,271	0.3	0.1
Nuclear.....	51,068,818	92,358,477	90,860,108	94,733,036	92,047,323	93,263,001	94,154,140	95,728,845	37.8	47.8
Hydroelectric.....	97,174	144,027	128,822	138,500	153,529	129,037	173,272	153,727	0.1	0.1
Other Renewables ¹	681,865	678,569	723,508	818,951	821,999 ^R	782,881 ^R	848,832 ^R	1,284,752	0.5	0.6
Other ²	-	49,501	122,396	156,418	131,640	39,797 ^R	38,383 ^R	20,978	-	*

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

³ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	155	119	119	116	115	119	126	134
Average heat value (Btu per pound).....	9,781	9,555	9,253	9,176	9,120	9,015	8,937	8,962
Average sulfur Content (percent)	1.17	1.10	0.70	0.66	0.65	0.62	0.53	0.52
Petroleum (cents per million Btu).....	309	579	524	540	464	1,286	1,465	1,744
Average heat value (Btu per gallon).....	126,779	153,333	140,345	147,876	143,595	137,405	141,102	137,319
Average sulfur Content (percent).....	1.60	0.27	0.15	0.48	1.91	0.72	0.23	0.25
Natural Gas (cents per million Btu).....	251	368	343	567	638	873	717	708
Average heat value (Btu per cubic foot).....	1,016	1,010	1,022	1,016	1,013	1,019	1,021	1,019

Btu = British thermal unit.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Illinois								
Sulfur Dioxide								
Coal.....	842 ^R	402	367	369	384	351	308	301
Petroleum.....	2	7	1	4	2	1	*	1
Natural Gas.....	*	*	*	*	*	*	*	*
Other Gases.....	* ^R	-	-	* ^R	* ^R	* ^R	* ^R	*
Other Renewables ¹	*	*	*	*	*	*	* ^R	*
Other ²	5 ^R	*	1 ^R	1 ^R	1 ^R	*	*	*
Total.....	849 ^R	409 ^R	369 ^R	374 ^R	387 ^R	351 ^R	309 ^R	302
Nitrogen Oxide								
Coal.....	299 ^R	188	164	137	136	121	113	111
Petroleum.....	4 ^R	2	*	2	1	*	*	*
Natural Gas.....	5 ^R	8	9	6	6	4	5	4
Other Gases.....	*	-	*	*	*	*	*	*
Other Renewables ¹	1 ^R	6 ^R	6 ^R	5 ^R	5 ^R	6 ^R	4 ^R	5
Other ²	2 ^R	1 ^R	*	*	*	*	*	*
Total.....	312 ^R	205 ^R	179 ^R	151 ^R	149 ^R	131 ^R	122 ^R	120
Carbon Dioxide								
Coal.....	80,911	87,039	90,004	90,908	97,791	96,292	96,197	100,077
Petroleum.....	598	1,523	211	1,111	794	358	138	116
Natural Gas.....	3,250	3,162	5,285	2,778	2,528	4,077	3,069	4,380
Other ²	256 ^R	71 ^R	129 ^R	160 ^R	134 ^R	63 ^R	76 ^R	46
Total.....	85,015 ^R	91,795 ^R	95,629 ^R	94,957 ^R	101,246 ^R	100,791 ^R	99,479 ^R	104,620

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Illinois										
Retail Sales (thousand megawatthours)										
Residential	37,264	41,820	45,030	43,161	43,443	48,593	46,381	48,036	29.4	32.9
Commercial	38,161	43,135	44,244	49,561	47,358	49,977	50,631	52,043	30.1	35.6
Industrial	42,837	40,780	39,288	43,042	48,008	45,888	44,916	45,430	33.7	31.1
Other ¹	8,692	10,298	9,886	NA	NA	NA	NA	NA	6.8	--
Transportation.....	NA	NA	NA	484	445	528	519	545	--	0.4
All Sectors	126,953	136,034	138,447	136,248	139,254	144,986	142,448	146,055	100.0	100.0
Retail Revenue (million dollars).....										
Residential	3,888	3,645	3,778	3,616	3,638	4,055	3,907	4,863	39.8	39.3
Commercial	3,025	3,194	3,326	3,618	3,570	3,875	4,025	4,462	31.0	36.1
Industrial	2,264	1,896	1,920	2,092	2,232	2,115	2,106	3,001	23.2	24.3
Other ¹	595	656	581	NA	NA	NA	NA	NA	6.1	--
Transportation.....	NA	NA	NA	28	25	30	29	35	--	0.3
All Sectors	9,771	9,391	9,605	9,353	9,465	10,074	10,067	12,361	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	10.43	8.71	8.39	8.38	8.37	8.34	8.42	10.12	--	--
Commercial	7.93	7.40	7.52	7.30	7.54	7.75	7.95	8.57	--	--
Industrial	5.29	4.65	4.89	4.86	4.65	4.61	4.69	6.61	--	--
Other ¹	6.84	6.37	5.88	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	5.87	5.70	5.61	5.59	6.43	--	--
All Sectors	7.71	6.90	6.94	6.86	6.80	6.95	7.07	8.46	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Illinois								
Number of Entities.....	8	41	NA	27	NA	20	4	100
Number of Retail Customers	5,052,308	263,428	NA	287,475	NA	46,931	NA	5,650,142
Retail Sales (thousand megawatthours).....	71,676	7,062	NA	5,870	NA	61,447	NA	146,055
Percentage of Retail Sales	49.07	4.84	--	4.02	--	42.07	--	100.00
Revenue from Retail Sales (million dollars)	7,009	540	NA	545	NA	3,642	625	12,361
Percentage of Revenue	56.70	4.37	--	4.41	--	29.46	5.06	100.00
Average Retail Price (cents/kWh).....	9.78	7.65	NA	9.29	NA	5.93	1.02	8.46

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Illinois								
Supply								
Generation								
Electric Utilities.....	131,138	29,835	17,150	9,564	19,185	10,768	11,094	9,978
Independent Power Producers	318	145,621	166,769	175,640	168,824	179,260	177,412	186,235
Combined Heat and Power, Electric	282	833	863	582	551	618	593	619
Electric Power Sector Generation Subtotal	131,738	176,289	184,782	185,786	188,560	190,646	189,099	196,832
Combined Heat and Power, Commercial	289	248	390	301	579	506	498	536
Combined Heat and Power, Industrial.....	3,114	2,713	2,882	2,968	2,819	2,969	2,830	2,894
Industrial and Commercial Generation Subtotal	3,403	2,961	3,272	3,270	3,398	3,474	3,328	3,429
Total Net Generation	135,141	179,249	188,054	189,055	191,958	194,120	192,427	200,261
Total International Imports	-	-	-	-	2	1	-	66
Total Supply	135,141	179,249	188,054	189,055	191,960	194,121	192,427	200,327
Disposition								
Retail Sales								
Full Service Providers	126,449	124,264	121,879	114,604	111,671	117,048	115,938	84,608
Energy-Only Providers.....	505	11,770	16,568	21,177	27,067	27,938	26,510	61,447
Facility Direct Retail Sales.....	-	-	-	466	516	-	-	-
Total Electric Industry Retail Sales	126,953	136,034	138,447	136,248	139,254	144,986	142,448	146,055
Direct Use	3,454	4,132	4,222	4,276	4,280	3,568	3,606	5,089
Total International Exports	-	-	125	160	18	19	*	6
Estimated Losses	9,056	7,188	9,755	8,162^R	9,547	11,114	11,159	9,375
Total Disposition	139,463	147,354	152,549	148,846^R	153,099	159,687	157,214	160,526
Net Interstate Trade	-4,322	31,895	35,505	40,209^R	38,861	34,434^R	35,213	39,801
Net Trade Index (ratio)	0.97	1.22	1.23	1.27	1.25	1.22	1.22	1.25

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Indiana		
NERC Region(s).....		RFC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	27,021	13
Electric Utilities.....	22,012	8
Independent Power Producers & Combined Heat and Power.....	5,009	19
Net Generation (megawatthours).....	130,637,999	10
Electric Utilities.....	116,727,908	5
Independent Power Producers & Combined Heat and Power.....	13,910,091	25
Emissions (thousand metric tons)		
Sulfur Dioxide	662	4
Nitrogen Oxide.....	195	4
Carbon Dioxide.....	121,725	5
Sulfur Dioxide (lbs/MWh)	11.2	3
Nitrogen Oxide (lbs/MWh)	3.3	12
Carbon Dioxide (lbs/MWh).....	2,054	5
Total Retail Sales (megawatthours).....	109,420,150	11
Full Service Provider Sales (megawatthours)	109,420,150	9
Direct Use (megawatthours)	7,372,168	4
Average Retail Price (cents/kWh).....	6.50	43

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Indiana			
1. Gibson.....	Coal	Duke Energy Indiana Inc	3,131
2. Rockport	Coal	Indiana Michigan Power Co	2,610
3. R M Schahfer.....	Coal	Northern Indiana Pub Serv Co	1,780
4. AES Petersburg.....	Coal	Indianapolis Power & Light Co	1,760
5. Clifty Creek	Coal	Indiana-Kentucky Electric Corp	1,203
6. Cayuga	Coal	Duke Energy Indiana Inc	1,104
7. Harding Street.....	Coal	Indianapolis Power & Light Co	1,102
8. Lawrenceburg Energy Facility	Gas	AEP Generating Company	1,080
9. Tanners Creek.....	Coal	Indiana Michigan Power Co	990
10. Merom	Coal	Hoosier Energy R E C, Inc	970

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Indiana						
1. Duke Energy Indiana Inc.....	Investor-Owned	29,734,206	9,418,614	8,709,499	11,606,093	-
2. Northern Indiana Pub Serv Co.....	Investor-Owned	16,903,942	3,543,627	3,897,676	9,443,734	18,905
3. Indiana Michigan Power Co.....	Investor-Owned	16,436,057	4,871,151	4,606,337	6,958,569	-
4. Indianapolis Power & Light Co.....	Investor-Owned	15,327,657	5,466,825	2,171,830	7,689,002	-
5. Southern Indiana Gas & Elec Co.....	Investor-Owned	5,550,704	1,610,171	1,401,789	2,538,744	-
Total Sales, Top Five Providers.....		83,952,566	24,910,388	20,787,131	38,236,142	18,905
Percent of Total State Sales.....		77	72	84	76	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Indiana										
Electric Utilities.....	20,200	20,616	20,802	21,016	21,126	22,017	22,021	22,012	96.0	81.5
Coal.....	18,426	18,734	18,530	18,400	18,426	18,455	18,428	18,416	87.6	68.2
Petroleum.....	486	471	473	474	479	479	487	487	2.3	1.8
Natural Gas.....	1,087	1,353	1,741	2,082	2,162	3,024	3,024	3,020	5.2	11.2
Other Gases ¹	143	-	-	-	-	-	-	-	0.7	-
Hydroelectric.....	59	58	59	59	59	60	60	60	0.3	0.2
Other Renewables ²	-	-	-	-	-	-	22	30	-	0.1
Independent Power Producers and Combined Heat and Power.....	838	3,553	4,450	4,626	5,608	4,966	4,968	5,009	4.0	18.5
Coal.....	185	723	1,410	1,416	1,290	1,290	1,290	1,344	0.9	5.0
Petroleum.....	9	11	10	10	11	11	16	16	*	0.1
Natural Gas.....	199	2,210	2,485	2,668	3,664	3,030	3,028	3,028	0.9	11.2
Other Gases ¹	428	589	525	512	624	617	626	612	2.0	2.3
Other Renewables ²	17	21	21	19	19	19	9	9	0.1	*
Total Electric Industry.....	21,039	24,169	25,252	25,641	26,734	26,984	26,990	27,021	100.0	100.0
Coal.....	18,611	19,457	19,940	19,816	19,716	19,745	19,718	19,759	88.5	73.1
Petroleum.....	495	482	483	484	490	490	503	503	2.4	1.9
Natural Gas.....	1,286	3,562	4,226	4,750	5,826	6,054	6,052	6,048	6.1	22.4
Other Gases ¹	571	589	525	512	624	617	626	612	2.7	2.3
Hydroelectric.....	59	58	59	59	59	60	60	60	0.3	0.2
Other Renewables ²	17	21	21	19	19	19	31	39	0.1	0.1

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Indiana										
Electric Utilities.....	110,466,291	114,666,355	112,029,989	112,395,725	114,690,471	117,373,699	117,643,504	116,727,908	96.3	89.4
Coal.....	108,911,799	113,135,350	109,441,044	109,839,659	112,899,892	115,413,188	116,284,183	114,974,642	94.9	88.0
Petroleum.....	606,905	371,623	470,976	407,648	393,135	244,554	134,035	155,132	0.5	0.1
Natural Gas.....	385,994	588,690	1,706,699	1,724,465	953,723	1,277,675	561,780	958,345	0.3	0.7
Hydroelectric.....	561,593	570,692	411,270	423,953	443,721	438,282	489,515	449,936	0.5	0.3
Other Renewables ¹	-	-	-	-	-	-	173,991	189,853	-	0.1
Independent Power Producers and Combined Heat and Power.....	4,262,616	7,903,318	13,578,150	12,492,493	13,079,925^R	12,997,874	12,846,284	13,910,091	3.7	10.6
Coal.....	1,139,864	2,931,162	8,218,656	7,916,625	7,771,040 ^R	7,420,290 ^R	7,361,284 ^R	7,828,255	1.0	6.0
Petroleum.....	156,242	119,859	146,156	47,640	32,122 ^R	16,240 ^R	13,600 ^R	14,844	0.1	*
Natural Gas.....	847,107	1,742,970	2,075,752	1,324,971	1,484,503 ^R	2,337,630 ^R	2,120,103 ^R	3,053,480	0.7	2.3
Other Gases ²	1,995,347	2,978,809	3,005,998	2,592,257	3,136,317 ^R	2,721,577 ^R	2,870,099 ^R	2,591,406	1.7	2.0
Other Renewables ¹	124,056	114,580	115,946	119,138	137,370 ^R	67,692 ^R	46,221 ^R	41,394	0.1	*
Other ³	-	15,938	15,642	491,864	518,574 ^R	434,444 ^R	434,976 ^R	380,711	-	0.3
Total Electric Industry.....	114,728,907	122,569,673	125,608,139	124,888,218	127,770,396^R	130,371,573	130,489,788	130,637,999	100.0	100.0
Coal.....	110,051,663	116,066,512	117,659,700	117,756,284	120,670,932 ^R	122,833,478 ^R	123,645,467 ^R	122,802,897	95.9	94.0
Petroleum.....	763,147	491,482	617,132	455,288	425,257 ^R	260,794 ^R	147,635 ^R	169,977	0.7	0.1
Natural Gas.....	1,233,101	2,331,660	3,782,451	3,049,436	2,438,226 ^R	3,615,305 ^R	2,681,883 ^R	4,011,824	1.1	3.1
Other Gases ²	1,995,347	2,978,809	3,005,998	2,592,257	3,136,317 ^R	2,721,577 ^R	2,870,099 ^R	2,591,406	1.7	2.0
Hydroelectric.....	561,593	570,692	411,270	423,953	443,721	438,282	489,515	449,936	0.5	0.3
Other Renewables ¹	124,056	114,580	115,946	119,138	137,370 ^R	67,692 ^R	220,212 ^R	231,247	0.1	0.2
Other ³	-	15,938	15,642	491,864	518,574 ^R	434,444 ^R	434,976 ^R	380,711	-	0.3

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	116	114	W	W	W	W	W	W
Average heat value (Btu per pound).....	10,461	10,540	10,593	10,550	10,601	10,756	10,638	10,588
Average sulfur Content (percent)	1.61	1.43	1.48	1.50	1.53	1.72	1.61	1.74
Petroleum (cents per million Btu).....	150	220	W	W	W	W	W	W
Average heat value (Btu per gallon).....	81,174	149,762	142,836	138,660	135,267	139,405	139,621	140,607
Average sulfur Content (percent).....	3.49	3.12	1.97	2.28	2.31	0.55	0.29	0.34
Natural Gas (cents per million Btu).....	316	507	324	616	621	851	781	752
Average heat value (Btu per cubic foot).....	1,021	1,050	1,016	1,014	1,011	1,018	1,043	1,026

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Indiana								
Sulfur Dioxide								
Coal.....	936 ^R	732	715	741	795	801	757	661
Petroleum.....	4 ^R	3	2	1	*	*	*	*
Natural Gas	*	*	*	*	*	*	*	*
Other Gases.....	*	*	*	*	*	*	*	*
Other Renewables ¹	-	* ^R	*	*	*	*	* ^R	*
Other ²	1 ^R	-	*	*	*	*	-	*
Total.....	940 ^R	735 ^R	719 ^R	743 ^R	796 ^R	802 ^R	758 ^R	662
Nitrogen Oxide								
Coal.....	353 ^R	286	255	237	206	190	187	181
Petroleum.....	1	1	*	*	*	*	*	*
Natural Gas	4 ^R	3	4	3	2	2	2	2
Other Gases.....	4 ^R	6 ^R	7 ^R	13 ^R	5 ^R	11 ^R	11 ^R	10
Other Renewables ¹	1 ^R	1 ^R	2 ^R	2 ^R	2 ^R	1 ^R	2 ^R	3
Other ²	2 ^R	-	1 ^R	1 ^R	1 ^R	*	-	*
Total.....	365 ^R	298 ^R	269 ^R	257 ^R	216 ^R	204 ^R	202 ^R	195
Carbon Dioxide								
Coal.....	108,964	113,671	111,766	113,940	116,752	119,165	119,642	119,056
Petroleum.....	1,151	671	837	517	491	272	143	152
Natural Gas	1,800	2,432	2,342	1,773	1,661	2,362	1,868	2,461
Other ²	308 ^R	295 ^R	294 ^R	307 ^R	305 ^R	295 ^R	297 ^R	56
Total.....	112,223 ^R	117,069 ^R	115,239 ^R	116,538 ^R	119,208 ^R	122,095 ^R	121,950 ^R	121,725

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Indiana										
Retail Sales (thousand megawatthours)										
Residential	26,550	29,420	31,568	30,726	31,192	33,629	32,286	34,646	29.8	31.7
Commercial	18,514	25,551	21,790	22,441	22,957	23,959	23,830	24,768	20.8	22.6
Industrial	43,550	42,080	47,481	47,284	48,928	48,944	49,530	49,988	48.9	45.7
Other ¹	533	684	589	NA	NA	NA	NA	NA	0.6	--
Transportation.....	NA	NA	NA	16	17	17	18	19	--	*
All Sectors	89,147	97,734	101,429	100,468	103,094	106,549	105,664	109,420	100.0	100.0
Retail Revenue (million dollars).....										
Residential	1,844	2,037	2,183	2,162	2,277	2,523	2,655	2,862	39.1	40.2
Commercial	1,118	1,351	1,303	1,374	1,448	1,573	1,719	1,806	23.7	25.4
Industrial	1,701	1,728	1,877	1,855	2,022	2,165	2,451	2,445	36.1	34.4
Other ¹	50	62	57	NA	NA	NA	NA	NA	1.1	--
Transportation.....	NA	NA	NA	1	1	2	2	2	--	*
All Sectors	4,713	5,177	5,420	5,393	5,749	6,262	6,827	7,115	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	6.94	6.92	6.91	7.04	7.30	7.50	8.22	8.26	--	--
Commercial	6.04	5.29	5.98	6.12	6.31	6.57	7.21	7.29	--	--
Industrial	3.91	4.11	3.95	3.92	4.13	4.42	4.95	4.89	--	--
Other ¹	9.44	9.06	9.75	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	8.36	8.76	9.14	9.66	10.09	--	--
All Sectors	5.29	5.30	5.34	5.37	5.58	5.88	6.46	6.50	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Indiana								
Number of Entities.....	6	72	NA	41	NA	NA	NA	119
Number of Retail Customers	2,298,201	257,678	NA	527,937	NA	NA	NA	3,083,816
Retail Sales (thousand megawatthours).....	88,847	8,002	NA	12,571	NA	NA	NA	109,420
Percentage of Retail Sales	81.20	7.31	--	11.49	--	--	--	100.00
Revenue from Retail Sales (million dollars)	5,558	536	NA	1,021	NA	NA	NA	7,115
Percentage of Revenue	78.12	7.53	--	14.35	--	--	--	100.00
Average Retail Price (cents/kWh).....	6.26	6.70	NA	8.12	NA	NA	NA	6.50

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Indiana								
Supply								
Generation								
Electric Utilities	110,466	114,666	112,030	112,396	114,690	117,374	117,644	116,728
Independent Power Producers	85	3,665	9,879	3,417	3,268	3,659	3,488	4,518
Combined Heat and Power, Electric	-	12	22	5,474	5,630	5,650	5,526	5,915
Electric Power Sector Generation Subtotal	110,551	118,343	121,931	121,287	123,588	126,682	126,657	127,161
Combined Heat and Power, Commercial	198	225	242	229	256	250	226	214
Combined Heat and Power, Industrial.....	3,980	4,001	3,435	3,372	3,926	3,440	3,607	3,263
Industrial and Commercial Generation Subtotal.....	4,178	4,226	3,677	3,601	4,182	3,690	3,833	3,477
Total Net Generation.....	114,729	122,570	125,608	124,888	127,770	130,372	130,490	130,638
Total International Imports.....	-	-	-	-	-	12	30	79
Total Supply	114,729	122,570	125,608	124,888	127,770	130,383	130,520	130,717
Disposition								
Retail Sales								
Full Service Providers	89,147	97,734	101,429	100,468	103,094	106,549	105,664	109,420
Total Electric Industry Retail Sales.....	89,147	97,734	101,429	100,468	103,094	106,549	105,664	109,420
Direct Use	4,179	4,596	4,696	4,756	4,761	7,349	7,525	7,372
Total International Exports.....	-	-	1	-	-	1	-	102
Estimated Losses.....	6,359	5,250	7,367	7,713^R	7,092	11,083	6,450	6,924
Total Disposition	99,684	107,580	113,492	112,937^R	114,947	124,982	119,639	123,818
Net Interstate Trade	15,044	14,990	12,116	11,952^R	12,824	5,401	10,881	6,899
Net Trade Index (ratio)	1.15	1.14	1.11	1.11	1.11	1.04	1.09	1.06

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Iowa		
NERC Region(s).....		MRO
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	12,287	32
Electric Utilities.....	10,669	25
Independent Power Producers & Combined Heat and Power.....	1,618	37
Net Generation (megawatthours).....	49,789,217	32
Electric Utilities.....	42,383,472	27
Independent Power Producers & Combined Heat and Power.....	7,405,745	33
Emissions (thousand metric tons)		
Sulfur Dioxide	136	19
Nitrogen Oxide.....	58	29
Carbon Dioxide.....	43,859	23
Sulfur Dioxide (lbs/MWh)	6.0	15
Nitrogen Oxide (lbs/MWh)	2.6	19
Carbon Dioxide (lbs/MWh).....	1,942	7
Total Retail Sales (megawatthours).....	45,269,523	31
Full Service Provider Sales (megawatthours)	45,269,523	29
Direct Use (megawatthours)	1,679,685	21
Average Retail Price (cents/kWh).....	6.83	41

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Iowa			
1. Walter Scott Energy Center.....	Coal	MidAmerican Energy Co	1,623
2. George Neal North.....	Coal	MidAmerican Energy Co	939
3. Louisa	Coal	MidAmerican Energy Co	745
4. Ottumwa	Coal	Interstate Power and Light Co	710
5. George Neal South.....	Coal	MidAmerican Energy Co	644
6. Duane Arnold Energy Center	Nuclear	FPL Energy Duane Arnold LLC	580
7. Emery Station	Gas	Interstate Power and Light Co	552
8. Greater Des Moines	Gas	MidAmerican Energy Co	494
9. Lansing	Coal	Interstate Power and Light Co	308
10. Burlington.....	Coal	Interstate Power and Light Co	260

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. MidAmerican Energy Co	Investor-Owned	18,800,640	5,458,036	5,070,008	8,272,596	-
2. Interstate Power and Light Co.....	Investor-Owned	15,085,720	3,870,468	3,746,657	7,468,595	-
3. Board of Water Electric & Communications	Public	876,433	104,319	184,227	587,887	-
4. Eastern Iowa Light & Power Coop	Cooperative	630,064	281,000	43,368	305,696	-
5. Ames City of.....	Public	584,402	163,939	261,380	159,083	-
Total Sales, Top Five Providers		35,977,259	9,877,762	9,305,640	16,793,857	-
Percent of Total State Sales		79	70	77	88	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Iowa										
Electric Utilities.....	8,238	8,352	8,407	9,093	9,895	10,090	9,562	10,669	95.9	86.8
Coal.....	5,573	5,668	5,620	5,666	5,741	5,705	5,666	6,535	64.9	53.2
Petroleum.....	872	1,012	980	912	908	936	935	930	10.1	7.6
Natural Gas	913	916	1,007	1,710	2,381	2,376	2,370	2,401	10.6	19.5
Nuclear.....	535	520	566	562	563	581	-	-	6.2	-
Hydroelectric	136	129	129	136	138	129	129	128	1.6	1.0
Other Renewables ¹	*	107	107	107	165	363	462	675	*	5.5
Other ²	209	-	-	-	-	-	-	-	2.4	-
Independent Power Producers and Combined Heat and Power	353	831	931	981	978	998	1,581	1,618	4.1	13.2
Coal.....	268	419	419	420	417	432	432	432	3.1	3.5
Petroleum.....	69	81	82	89	89	92	92	93	0.8	0.8
Natural Gas	3	3	4	5	5	5	1	1	*	*
Nuclear.....	-	-	-	-	-	-	581	580	-	4.7
Hydroelectric	5	2	2	2	2	2	2	3	0.1	*
Other Renewables ¹	8	324	422	466	466	467	474	510	0.1	4.1
Total Electric Industry.....	8,591	9,183	9,338	10,074	10,873	11,087	11,143	12,287	100.0	100.0
Coal.....	5,840	6,088	6,039	6,086	6,157	6,137	6,097	6,967	68.0	56.7
Petroleum.....	941	1,093	1,062	1,000	996	1,028	1,027	1,023	11.0	8.3
Natural Gas	917	920	1,011	1,715	2,386	2,381	2,371	2,402	10.7	19.6
Nuclear.....	535	520	566	562	563	581	581	580	6.2	4.7
Hydroelectric	141	131	131	138	140	131	131	131	1.6	1.1
Other Renewables ¹	8	431	529	573	630	830	936	1,185	0.1	9.6
Other ²	209	-	-	-	-	-	-	-	2.4	-

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Iowa										
Electric Utilities.....	34,064,343	38,755,520	40,051,665	39,485,141	40,578,049	41,559,024	37,494,674	42,383,472	96.2	85.1
Coal.....	28,739,404	33,471,603	34,033,119	34,288,694	33,757,265	32,807,567	32,855,636	36,470,450	81.1	73.2
Petroleum.....	81,984	94,796	55,552	91,173	99,255	140,559	197,700	296,436	0.2	0.6
Natural Gas.....	276,627	454,476	406,796	279,206	814,295	2,473,558	2,393,816	3,085,253	0.8	6.2
Nuclear.....	4,149,111	3,852,722	4,573,958	3,987,657	4,928,948	4,538,313	-	-	11.7	-
Hydroelectric.....	794,739	830,258	936,688	780,322	936,999	950,094	900,488	961,876	2.2	1.9
Other Renewables ¹	22,478	43,957	45,552	48,464	29,404	637,360	1,136,608	1,557,596	0.1	3.1
Other ²	-	7,708	-	9,625	11,883	11,573	10,426	11,861	-	*
Independent Power Producers and Combined Heat and Power.....	1,354,597	1,902,992	2,476,720	2,631,051	2,670,140	2,597,136	7,988,788	7,405,745	3.8	14.9
Coal.....	1,093,821	1,193,492	1,338,940	1,531,251	1,514,931 ^R	1,444,767 ^R	1,549,558 ^R	1,515,117	3.1	3.0
Petroleum.....	8,208	7,832	8,312	10,162	9,365 ^R	9,009 ^R	10,621 ^R	15,479	*	*
Natural Gas.....	161,064	138,376	147,923	33,690	10,411 ^R	7,312 ^R	6,198 ^R	5,626	0.5	*
Nuclear.....	-	-	-	-	-	-	5,095,442	4,518,875	-	9.1
Hydroelectric.....	10,205	14,896	9,695	8,271	8,960	9,432	8,860	470	*	*
Other Renewables ¹	81,299	547,655	971,616	1,047,676	1,126,473 ^R	1,126,617	1,318,109 ^R	1,350,179	0.2	2.7
Other ²	-	741	234	-	-	-	-	-	-	-
Total Electric Industry.....	35,418,940	40,658,512	42,528,385	42,116,192	43,248,189	44,156,160	45,483,462	49,789,217	100.0	100.0
Coal.....	29,833,225	34,665,095	35,372,059	35,819,945	35,272,196 ^R	34,252,334 ^R	34,405,194 ^R	37,985,566	84.2	76.3
Petroleum.....	90,192	102,628	63,864	101,335	108,620 ^R	149,568 ^R	208,321 ^R	311,915	0.3	0.6
Natural Gas.....	437,691	592,852	554,719	312,896	824,706 ^R	2,480,870 ^R	2,400,014 ^R	3,090,879	1.2	6.2
Nuclear.....	4,149,111	3,852,722	4,573,958	3,987,657	4,928,948	4,538,313	5,095,442	4,518,875	11.7	9.1
Hydroelectric.....	804,944	845,154	946,383	788,593	945,959	959,526	909,348	962,346	2.3	1.9
Other Renewables ¹	103,777	591,612	1,017,168	1,096,140	1,155,877 ^R	1,763,976 ^R	2,454,717 ^R	2,907,775	0.3	5.8
Other ²	-	8,449	234	9,625	11,883	11,573	10,426	11,861	-	*

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	94	81	W	W	W	W	W	W
Average heat value (Btu per pound).....	8,662	9,000	8,648	8,705	8,665	8,668	8,612	8,619
Average sulfur Content (percent)	0.45	0.37	0.39	0.43	0.44	0.42	0.44	0.41
Petroleum (cents per million Btu).....	141	617	579	635	459	1,077	474	603
Average heat value (Btu per gallon).....	83,517	139,524	139,667	139,171	137,162	139,200	134,952	135,219
Average sulfur Content (percent)	4.49	0.04	0.01	0.03	2.08	0.28	4.09	4.06
Natural Gas (cents per million Btu).....	340	477	W	593	712	878	778	765
Average heat value (Btu per cubic foot).....	1,003	1,010	1,002	1,004	1,003	1,007	1,009	1,011

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Iowa								
Sulfur Dioxide								
Coal.....	153 ^R	139	134	138	135	135	131	134
Petroleum.....	8 ^R	1	1	1	1	1	1	1
Natural Gas	*	*	*	*	*	*	*	*
Other Renewables ¹	* ^R	*	*	*	*	*	*	*
Other ²	2 ^R	*	*	*	*	*	*	*
Total.....	163 ^R	140 ^R	135 ^R	139 ^R	136 ^R	136 ^R	132 ^R	136
Nitrogen Oxide								
Coal.....	77 ^R	76	76	76	76	71	61	55
Petroleum.....	1 ^R	1	1	1	1	1	1	1
Natural Gas	3 ^R	2	2	1	1	1	1	1
Other Renewables ¹	1 ^R	2						
Other ²	*	*	*	*	*	*	*	*
Total.....	82 ^R	79 ^R	80 ^R	79 ^R	79 ^R	75 ^R	64 ^R	58
Carbon Dioxide								
Coal.....	34,063	39,847	39,894	40,202	40,577	38,873	39,256	42,074
Petroleum.....	108	114	81	121	137	177	255	369
Natural Gas	946	890	935	296	464	1,144	1,055	1,402
Other ²	155 ^R	10 ^R	1 ^R	15 ^R	17 ^R	12 ^R	11 ^R	13
Total.....	35,272 ^R	40,861 ^R	40,912 ^R	40,634 ^R	41,196 ^R	40,207 ^R	40,577 ^R	43,859

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Iowa										
Retail Sales (thousand megawatthours)										
Residential	11,673	12,430	12,921	12,768	12,625	13,571	13,344	14,060	32.3	31.1
Commercial	7,594	8,512	8,803	11,637	10,840	11,271	11,660	12,084	21.0	26.7
Industrial	15,531	16,238	16,548	16,803	17,437	17,915	18,331	19,125	43.0	42.2
Other ¹	1,350	2,264	2,626	NA	NA	NA	NA	NA	3.7	--
Transportation.....	NA	NA	NA	NA	NA	NA	1	NA	--	--
All Sectors	36,148	39,444	40,898	41,207	40,903	42,757	43,337	45,270	100.0	100.0
Retail Revenue (million dollars).....										
Residential	958	1,045	1,079	1,094	1,132	1,258	1,285	1,328	44.4	42.9
Commercial	502	570	578	726	731	783	850	859	23.3	27.8
Industrial	614	679	672	699	756	818	902	906	28.5	29.3
Other ¹	82	128	129	NA	NA	NA	NA	NA	3.8	--
Transportation.....	NA	NA	NA	NA	NA	NA	*	NA	--	--
All Sectors	2,157	2,422	2,458	2,519	2,619	2,859	3,038	3,093	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	8.21	8.41	8.35	8.57	8.96	9.27	9.63	9.45	--	--
Commercial	6.61	6.69	6.56	6.24	6.75	6.95	7.29	7.11	--	--
Industrial	3.95	4.18	4.06	4.16	4.33	4.56	4.92	4.74	--	--
Other ¹	6.09	5.67	4.92	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	NA	NA	NA	7.05	NA	--	--
All Sectors	5.97	6.14	6.01	6.11	6.40	6.69	7.01	6.83	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities.....	3	137	NA	44	1	NA	NA	185
Number of Retail Customers	1,111,902	208,370	NA	217,791	162	NA	NA	1,538,225
Retail Sales (thousand megawatthours).....	33,978	5,383	NA	5,578	331	NA	NA	45,270
Percentage of Retail Sales	75.06	11.89	--	12.32	0.73	--	--	100.00
Revenue from Retail Sales (million dollars)	2,240	368	NA	467	18	NA	NA	3,093
Percentage of Revenue	72.43	11.89	--	15.10	0.58	--	--	100.00
Average Retail Price (cents/kWh).....	6.59	6.83	NA	8.38	5.43	NA	NA	6.83

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Iowa								
Supply								
Generation								
Electric Utilities.....	34,064	38,756	40,052	39,485	40,578	41,559	37,495	42,383
Independent Power Producers	15	495	917	1,033	1,107	1,103	6,389	5,847
Combined Heat and Power, Electric	130	173	167	-	-	-	-	-
Electric Power Sector Generation Subtotal	34,209	39,424	41,136	40,518	41,685	42,662	43,884	48,231
Combined Heat and Power, Commercial	112	130	129	261	270	278	278	256
Combined Heat and Power, Industrial.....	1,098	1,105	1,263	1,337	1,294	1,216	1,321	1,303
Industrial and Commercial Generation Subtotal.....	1,210	1,235	1,392	1,598	1,564	1,494	1,599	1,559
Total Net Generation.....	35,419	40,659	42,528	42,116	43,248	44,156	45,483	49,789
Total International Imports.....	165	5	-	-	*	*	-	-
Total Supply	35,584	40,664	42,528	42,116	43,248	44,156	45,483	49,789
Disposition								
Retail Sales								
Full Service Providers	36,148	39,444	40,898	40,969	40,616	42,757	43,037	44,939
Facility Direct Retail Sales.....	-	-	-	238	287	-	300	331
Total Electric Industry Retail Sales.....	36,148	39,444	40,898	41,207	40,903	42,757	43,337	45,270
Direct Use	1,304	1,306	1,334	1,351	1,352	1,313	1,595	1,680
Total International Exports.....	-	-	-	1	1	1	*	*
Estimated Losses.....	2,578	2,519	2,669	2,373^R	2,671	2,436	2,902	2,676
Total Disposition	40,031	43,268	44,900	44,932^R	44,927	46,507	47,834	49,625
Net Interstate Trade.....	-4,447	-2,604	-2,372	-2,816^R	-1,679	-2,351	-2,351	164
Net Trade Index (ratio)	0.89	0.94	0.95	0.94	0.96	0.95	0.95	1.00

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Kansas		
NERC Region(s).....		SPP
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	11,241	33
Electric Utilities.....	10,944	23
Independent Power Producers & Combined Heat and Power.....	297	48
Net Generation (megawatthours).....	50,122,196	30
Electric Utilities.....	49,256,450	19
Independent Power Producers & Combined Heat and Power.....	865,745	46
Emissions (thousand metric tons)		
Sulfur Dioxide	105	23
Nitrogen Oxide.....	64	25
Carbon Dioxide.....	38,927	26
Sulfur Dioxide (lbs/MWh)	4.6	19
Nitrogen Oxide (lbs/MWh)	2.8	16
Carbon Dioxide (lbs/MWh).....	1,712	14
Total Retail Sales (megawatthours).....	40,165,977	32
Full Service Provider Sales (megawatthours)	40,165,977	30
Direct Use (megawatthours)	8,684	49
Average Retail Price (cents/kWh).....	6.84	40

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Kansas			
1. Jeffrey Energy Center.....	Coal	Westar Energy Inc	2,190
2. La Cygne.....	Coal	Kansas City Power & Light Co	1,418
3. Wolf Creek Generating Station	Nuclear	Wolf Creek Nuclear Optg Corp	1,166
4. Gordon Evans Energy Center.....	Gas	Kansas Gas & Electric Co	820
5. Lawrence Energy Center	Coal	Westar Energy Inc	532
6. Hutchinson Energy Center	Gas	Westar Energy Inc	468
7. Holcomb	Coal	Sunflower Electric Power Corp	360
8. West Gardner.....	Gas	Kansas City Power & Light Co	308
9. Nearman Creek.....	Coal	Kansas City City of	305
10. Quindaro	Coal	Kansas City City of	298

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Kansas						
1. Kansas Gas & Electric Co	Investor-Owned	10,137,134	3,150,059	3,133,677	3,853,398	-
2. Westar Energy Inc	Investor-Owned	9,987,030	3,526,903	4,494,261	1,965,866	-
3. Kansas City Power & Light Co.....	Investor-Owned	6,606,722	2,931,734	3,265,095	409,893	-
4. Kansas City City of.....	Public	2,328,194	564,817	994,154	769,223	-
5. Midwest Energy Inc.....	Cooperative	1,231,238	313,329	421,402	496,507	-
Total Sales, Top Five Providers		30,290,318	10,486,842	12,308,589	7,494,887	-
Percent of Total State Sales		75	76	80	69	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Kansas										
Electric Utilities.....	9,786	10,223	10,244	10,731	10,705	10,734	10,829	10,944	99.5	97.4
Coal.....	5,364	5,295	5,310	5,265	5,222	5,250	5,203	5,208	54.5	46.3
Petroleum.....	510	652	546	564	587	583	565	569	5.2	5.1
Natural Gas	2,749	3,106	3,219	3,735	3,729	3,734	3,793	3,900	28.0	34.7
Nuclear.....	1,163	1,170	1,170	1,165	1,166	1,166	1,166	1,166	11.8	10.4
Other Renewables ¹	-	-	-	2	1	1	101	101	-	0.9
Independent Power Producers and Combined Heat and Power	49	153	152	145	145	295	295	297	0.5	2.6
Petroleum.....	4	4	4	-	-	-	-	-	*	-
Natural Gas	43	34	33	31	31	31	31	33	0.4	0.3
Hydroelectric	2	2	2	3	3	3	3	3	*	*
Other Renewables ¹	-	112	112	112	112	262	262	262	-	2.3
Total Electric Industry.....	9,836	10,376	10,396	10,876	10,850	11,029	11,124	11,241	100.0	100.0
Coal.....	5,364	5,295	5,310	5,265	5,222	5,250	5,203	5,208	54.5	46.3
Petroleum.....	514	656	550	564	587	583	565	569	5.2	5.1
Natural Gas	2,792	3,140	3,252	3,766	3,759	3,764	3,824	3,932	28.4	35.0
Nuclear.....	1,163	1,170	1,170	1,165	1,166	1,166	1,166	1,166	11.8	10.4
Hydroelectric	2	2	2	3	3	3	3	3	*	*
Other Renewables ¹	-	112	112	114	113	263	363	363	-	3.2

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Kansas										
Electric Utilities.....	37,843,716	44,642,712	46,691,936	46,155,505	46,409,328	45,421,033	44,621,389	49,256,450	99.8	98.3
Coal.....	27,235,875	31,768,001	35,369,189	35,109,616	34,593,346	34,480,731	33,281,380	36,250,263	71.8	72.3
Petroleum.....	109,885	616,418	508,857	963,751	853,742	986,378	51,142	207,149	0.3	0.4
Natural Gas.....	2,067,501	1,911,642	1,772,188	1,190,819	826,668	1,132,201	1,832,168	2,124,086	5.5	4.2
Nuclear.....	8,430,455	10,346,651	9,041,702	8,889,667	10,132,736	8,820,945	9,350,269	10,369,136	22.2	20.7
Other Renewables ¹	-	-	-	1,651	2,835	778	106,430	305,817	-	0.6
Independent Power Producers and Combined Heat and Power.....	73,769	105,811	496,510	412,056	373,331	441,663	902,347	865,745	0.2	1.7
Petroleum.....	878	759	221	381	21 ^R	*	-	-	*	-
Natural Gas.....	59,010	39,658	16,864	34,951	4,966 ^R	5,281 ^R	7,238	8,523	0.2	*
Hydroelectric.....	13,881	25,562	12,746	12,435	12,547	11,337	9,649	10,501	*	*
Other Renewables ¹	-	39,832	466,679	364,288	355,797	425,045	885,460	846,721	-	1.7
Total Electric Industry.....	37,917,485	44,748,523	47,188,446	46,567,561	46,782,659	45,862,696	45,523,736	50,122,196	100.0	100.0
Coal.....	27,235,875	31,768,001	35,369,189	35,109,616	34,593,346	34,480,731	33,281,380	36,250,263	71.8	72.3
Petroleum.....	110,763	617,177	509,078	964,132	853,763 ^R	986,378 ^R	51,142	207,149	0.3	0.4
Natural Gas.....	2,126,511	1,951,300	1,789,052	1,225,770	831,634 ^R	1,137,482 ^R	1,839,406	2,132,609	5.6	4.3
Nuclear.....	8,430,455	10,346,651	9,041,702	8,889,667	10,132,736	8,820,945	9,350,269	10,369,136	22.2	20.7
Hydroelectric.....	13,881	25,562	12,746	12,435	12,547	11,337	9,649	10,501	*	*
Other Renewables ¹	-	39,832	466,679	365,939	358,632	425,823	991,890	1,152,538	-	2.3

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Kansas								
Coal (cents per million Btu)	102	105	98	101	103	112	119	123
Average heat value (Btu per pound).....	8,766	8,700	8,571	8,619	8,626	8,569	8,607	8,582
Average sulfur Content (percent)	0.48	0.43	0.44	0.48	0.44	0.44	0.45	0.41
Petroleum (cents per million Btu).....	282	336	273	362	407	556	485	340
Average heat value (Btu per gallon).....	154,117	154,286	157,186	156,948	156,855	155,174	144,821	137,017
Average sulfur Content (percent).....	0.84	1.60	1.58	1.62	1.66	1.81	2.79	3.85
Natural Gas (cents per million Btu).....	258	358	309	530	546	770	624	619
Average heat value (Btu per cubic foot).....	978	1,010	1,004	1,014	1,008	1,010	1,014	1,020

Btu = British thermal unit.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Kansas								
Sulfur Dioxide								
Coal.....	98	103	113	119	104	112	98	102
Petroleum.....	1	6	5	9	8	12	3	3
Natural Gas.....	*R	*	*	*	*	*	*	*
Total.....	99 ^R	109 ^R	118 ^R	128 ^R	112 ^R	124 ^R	101 ^R	105
Nitrogen Oxide								
Coal.....	71	72	83	82	81	77	69	60
Petroleum.....	3 ^R	2	1	3	2	3	2	2
Natural Gas.....	4	5	5	4	2	3	3	2
Total.....	78 ^R	79 ^R	89 ^R	88 ^R	85 ^R	82 ^R	74 ^R	64
Carbon Dioxide								
Coal.....	29,186	33,406	36,968	36,803	36,313	35,779	34,219	37,284
Petroleum.....	131	587	457	843	817	939	51	258
Natural Gas.....	1,404	1,365	1,149	837	597	925	1,369	1,385
Total.....	30,721 ^R	35,358 ^R	38,574 ^R	38,484 ^R	37,726 ^R	37,642 ^R	35,639 ^R	38,927

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Kansas										
Retail Sales (thousand megawatthours)										
Residential	10,862	12,062	12,745	12,602	12,417	13,406	13,503	13,806	33.7	34.4
Commercial	11,424	12,787	13,392	13,751	13,831	14,453	14,786	15,474	35.4	38.5
Industrial	9,365	10,569	10,195	10,382	10,879	11,165	11,462	10,885	29.0	27.1
Other ¹	618	429	381	NA	NA	NA	NA	NA	1.9	--
All Sectors	32,270	35,847	36,714	36,735	37,127	39,024	39,751	40,166	100.0	100.0
Retail Revenue (million dollars)										
Residential	837	925	977	971	962	1,059	1,114	1,131	41.1	41.2
Commercial	739	793	841	882	893	954	1,030	1,056	36.3	38.5
Industrial	423	481	462	479	510	542	596	558	20.8	20.3
Other ¹	37	38	35	NA	NA	NA	NA	NA	1.8	--
All Sectors	2,036	2,236	2,315	2,333	2,364	2,555	2,740	2,746	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.71	7.66	7.67	7.71	7.74	7.90	8.25	8.19	--	--
Commercial	6.47	6.20	6.28	6.42	6.45	6.60	6.96	6.83	--	--
Industrial	4.51	4.55	4.53	4.61	4.69	4.85	5.20	5.13	--	--
Other ¹	5.97	8.91	9.30	NA	NA	NA	NA	NA	--	--
All Sectors	6.31	6.24	6.31	6.35	6.37	6.55	6.89	6.84	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Kansas								
Number of Entities	5	118	1	29	1	NA	NA	154
Number of Retail Customers	987,863	235,354	11	275,969	7	NA	NA	1,499,204
Retail Sales (thousand megawatthours)	27,435	6,915	24	5,658	135	NA	NA	40,166
Percentage of Retail Sales	68.30	17.22	0.06	14.09	0.34	--	--	100.00
Revenue from Retail Sales (million dollars)	1,715	511	1	513	7	NA	NA	2,746
Percentage of Revenue	62.46	18.60	0.02	18.67	0.24	--	--	100.00
Average Retail Price (cents/kWh)	6.25	7.38	2.74	9.06	4.95	NA	NA	6.84

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Kansas								
Supply								
Generation								
Electric Utilities.....	37,844	44,643	46,692	46,156	46,409	45,421	44,621	49,256
Independent Power Producers	14	65	479	377	368	436	895	857
Electric Power Sector Generation Subtotal	37,858	44,708	47,171	46,532	46,778	45,857	45,516	50,114
Combined Heat and Power, Commercial	1	2	1	1	1	*	-	-
Combined Heat and Power, Industrial.....	59	38	16	34	4	5	7	9
Industrial and Commercial Generation Subtotal.....	60	40	17	35	5	5	7	9
Total Net Generation.....	37,917	44,749	47,188	46,568	46,783	45,863	45,524	50,122
Total International Imports.....	*	-	-	-	-	-	-	*
Total Supply	37,918	44,749	47,188	46,568	46,783	45,863	45,524	50,122
Disposition								
Retail Sales								
Full Service Providers	32,270	35,847	36,714	36,735	37,022	38,921	39,646	40,031
Facility Direct Retail Sales.....	-	-	-	-	104	103	105	135
Total Electric Industry Retail Sales.....	32,270	35,847	36,714	36,735	37,127	39,024	39,751	40,166
Direct Use	61	60	61	62	62	5	7	9
Total International Exports.....	-	-	-	-	*	*	-	-
Estimated Losses.....	2,302	2,882	3,285	3,085	3,456	4,278	3,459	3,809
Total Disposition	34,633	38,789	40,060	39,882^R	40,645	43,308	43,218	43,984
Net Interstate Trade	3,285	5,960	7,128	6,686^R	6,137	2,555	2,306	6,139
Net Trade Index (ratio)	1.09	1.15	1.18	1.17	1.15	1.06	1.05	1.14

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Kentucky		
NERC Region(s).....		RFC/SERC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	19,968	20
Electric Utilities.....	16,819	16
Independent Power Producers & Combined Heat and Power.....	3,150	30
Net Generation (megawatthours).....	97,225,319	16
Electric Utilities.....	85,259,079	15
Independent Power Producers & Combined Heat and Power.....	11,966,240	27
Emissions (thousand metric tons)		
Sulfur Dioxide	348	10
Nitrogen Oxide.....	161	6
Carbon Dioxide.....	92,320	8
Sulfur Dioxide (lbs/MWh)	7.9	9
Nitrogen Oxide (lbs/MWh)	3.6	7
Carbon Dioxide (lbs/MWh).....	2,093	4
Total Retail Sales (megawatthours).....	92,404,100	14
Full Service Provider Sales (megawatthours)	92,404,100	12
Direct Use (megawatthours)	477,076	40
Average Retail Price (cents/kWh).....	5.84	48

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Kentucky			
1. Paradise.....	Coal	Tennessee Valley Authority	2,201
2. Ghent	Coal	Kentucky Utilities Co	1,932
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	1,329
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. Marshall Energy Facility	Gas	Tennessee Valley Authority	621

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Kentucky						
1. Kentucky Utilities Co.....	Investor-Owned	18,664,862	6,431,879	6,183,502	6,049,481	-
2. Tennessee Valley Authority	Federal	15,436,839	-	-	15,436,839	-
3. Louisville Gas & Electric Co	Investor-Owned	12,657,834	4,486,182	5,179,672	2,991,980	-
4. Kenergy Corp	Cooperative	9,373,258	768,697	323,890	8,280,671	-
5. Kentucky Power Co.....	Investor-Owned	7,114,506	2,484,565	1,455,894	3,174,047	-
Total Sales, Top Five Providers		63,247,299	14,171,323	13,142,958	35,933,018	-
Percent of Total State Sales		68	51	66	81	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Kentucky										
Electric Utilities.....	15,660	15,229	15,419	15,349	15,860	16,234	16,878	16,819	100.0	84.2
Coal.....	14,135	12,561	12,496	12,435	12,441	12,621	12,670	12,682	90.2	63.5
Petroleum.....	186	122	108	108	72	72	70	12	1.2	0.1
Natural Gas	548	1,726	1,993	1,988	2,521	2,714	3,313	3,295	3.5	16.5
Hydroelectric	791	821	821	818	817	817	813	815	5.0	4.1
Other Renewables ¹	-	-	-	-	9	10	12	15	-	0.1
Independent Power Producers and Combined Heat and Power	4	2,350	3,704	3,719	3,767	3,767	3,169	3,150	*	15.8
Coal.....	-	1,716	1,716	1,716	1,716	1,716	1,716	1,692	-	8.5
Petroleum.....	-	65	65	65	65	65	65	65	-	0.3
Natural Gas	-	518	1,872	1,887	1,943	1,943	1,343	1,343	-	6.7
Hydroelectric	-	-	-	-	-	-	2	2	-	*
Other Renewables ¹	4	51	51	51	43	43	43	47	*	0.2
Total Electric Industry.....	15,663	17,579	19,123	19,068	19,627	20,001	20,047	19,968	100.0	100.0
Coal.....	14,135	14,277	14,212	14,151	14,157	14,337	14,386	14,374	90.2	72.0
Petroleum.....	186	187	173	173	137	137	135	77	1.2	0.4
Natural Gas	548	2,244	3,865	3,875	4,464	4,657	4,656	4,638	3.5	23.2
Hydroelectric	791	821	821	818	817	817	815	817	5.0	4.1
Other Renewables ¹	4	51	51	51	52	53	55	63	*	0.3

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Kentucky										
Electric Utilities.....	91,558,046	83,677,982	80,161,524	80,696,982	82,921,402	85,679,912	86,816,479	85,259,079	100.0	87.7
Coal.....	87,875,331	79,381,504	75,308,162	76,367,048	78,574,428	81,188,722	83,068,626	81,877,334	96.0	84.2
Petroleum.....	125,625	120,418	135,412	130,280	93,651	96,557	79,520	96,733	0.1	0.1
Natural Gas.....	176,857	320,552	693,201	229,930	398,814	1,349,378	963,428	1,504,922	0.2	1.5
Other Gases ¹	-	-	-	-	1,701	4,991	3,836	4,745	-	*
Hydroelectric.....	3,380,233	3,855,508	4,024,749	3,948,052	3,780,251	2,961,193	2,591,701	1,666,237	3.7	1.7
Other Renewables ²	-	-	-	-	57,029	62,098	87,713	93,440	-	0.1
Other ³	-	-	-	21,672	15,528	16,973	21,655	15,669	-	*
Independent Power Producers and Combined Heat and Power.....	14,049	11,739,644	11,945,144	11,021,838	11,608,545	12,142,507	11,975,535	11,966,240	*	12.3
Coal.....	-	11,417,074	7,966,084	7,693,492	7,546,083	7,894,391	8,129,862	8,605,726	-	8.9
Petroleum.....	-	3,142	2,933,086	2,814,631	3,527,448	3,584,128	3,261,378	2,694,566	-	2.8
Natural Gas.....	-	309,875	680,509	214,475	181,026 ^R	304,674 ^R	213,210 ^R	291,416	-	0.3
Hydroelectric.....	-	-	-	-	-	-	-	2,350	-	*
Other Renewables ²	14,049	9,553	365,465	299,240	353,989 ^R	359,314 ^R	371,085 ^R	372,183	*	0.4
Total Electric Industry.....	91,572,095	95,417,626	92,106,668	91,718,820	94,529,947	97,822,419	98,792,014	97,225,319	100.0	100.0
Coal.....	87,875,331	90,798,578	83,274,246	84,060,540	86,120,511	89,083,113	91,198,488	90,483,059	96.0	93.1
Petroleum.....	125,625	123,560	3,068,498	2,944,911	3,621,099	3,680,685	3,340,898	2,791,299	0.1	2.9
Natural Gas.....	176,857	630,427	1,373,710	444,405	579,840 ^R	1,654,052 ^R	1,176,638 ^R	1,796,337	0.2	1.8
Other Gases ¹	-	-	-	-	1,701	4,991	3,836	4,745	-	*
Hydroelectric.....	3,380,233	3,855,508	4,024,749	3,948,052	3,780,251	2,961,193	2,591,701	1,668,587	3.7	1.7
Other Renewables ²	14,049	9,553	365,465	299,240	411,018 ^R	421,412 ^R	458,798 ^R	465,623	*	0.5
Other ³	-	-	-	21,672	15,528	16,973	21,655	15,669	-	*

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Kentucky								
Coal (cents per million Btu)	105	110	119	123	137	W	170	175
Average heat value (Btu per pound).....	11,571	11,425	11,464	11,498	11,550	11,620	11,568	11,661
Average sulfur Content (percent)	2.50	2.15	2.16	2.12	2.09	2.21	2.23	2.22
Petroleum (cents per million Btu).....	361	567	465	W	W	117	127	127
Average heat value (Btu per gallon).....	116,976	139,286	137,640	132,664	131,967	132,710	132,305	134,155
Average sulfur Content (percent).....	1.69	0.27	1.04	3.90	4.79	5.11	5.23	5.23
Natural Gas (cents per million Btu).....	337	459	351	658	W	949	W	W
Average heat value (Btu per cubic foot).....	1,023	1,020	1,003	1,017	1,017	1,026	1,025	1,025

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Kentucky								
Sulfur Dioxide								
Coal.....	607 ^R	486	428	474	460	445	380	336
Petroleum.....	*	*	16	7	5	9	8	8
Natural Gas	-	*	*	* ^R	* ^R	*	*	*
Other Renewables ¹	*	*	3 ^R	3				
Other ²	-	-	*	*	*	*	*	*
Total.....	607 ^R	486 ^R	447 ^R	483 ^R	469 ^R	457 ^R	391 ^R	348
Nitrogen Oxide								
Coal.....	327 ^R	210	168	159	143	140	146	148
Petroleum.....	*	*	11	9	6	8	8	8
Natural Gas	*	1	2	*	1	3	2	2
Other Gases.....	-	* ^R	* ^R	* ^R	-	-	-	-
Other Renewables ¹	*	*	1 ^R	1 ^R	2 ^R	2 ^R	2 ^R	2
Other ²	-	*	*	*	*	*	*	*
Total.....	328 ^R	211 ^R	183 ^R	169 ^R	151 ^R	152 ^R	158 ^R	161
Carbon Dioxide								
Coal.....	81,931	87,036	82,099	81,475	82,586	85,011	88,498	87,925
Petroleum.....	113	96	4,039	3,411	4,126	4,135	3,779	3,130
Natural Gas	119	404	956	571	472	1,151	864	1,251
Other ²	-	-	-	27 ^R	20 ^R	22 ^R	20 ^R	15
Total.....	82,162 ^R	87,536 ^R	87,094 ^R	85,484 ^R	87,204 ^R	90,318 ^R	93,160 ^R	92,320

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Kentucky										
Retail Sales (thousand megawatthours)										
Residential	20,998	23,698	25,347	24,704	25,187	26,947	25,949	28,004	27.3	30.3
Commercial	12,169	14,338	14,745	17,946	18,443	19,091	18,941	20,035	15.8	21.7
Industrial	40,600	38,676	43,812	42,570	42,891	43,314	43,853	44,366	52.8	48.0
Other ¹	3,069	3,263	3,362	NA	NA	NA	NA	NA	4.0	--
All Sectors	76,836	79,975	87,267	85,220	86,521	89,351	88,743	92,404	100.0	100.0
Retail Revenue (million dollars)										
Residential	1,172	1,323	1,431	1,435	1,538	1,769	1,822	2,056	37.8	38.1
Commercial	644	746	782	963	1,034	1,147	1,219	1,354	20.8	25.1
Industrial	1,138	1,176	1,353	1,365	1,432	1,561	1,776	1,984	36.7	36.8
Other ¹	143	148	155	NA	NA	NA	NA	NA	4.6	--
All Sectors	3,097	3,393	3,721	3,763	4,004	4,477	4,817	5,393	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	5.58	5.58	5.65	5.81	6.11	6.57	7.02	7.34	--	--
Commercial	5.29	5.20	5.30	5.37	5.60	6.01	6.44	6.76	--	--
Industrial	2.80	3.04	3.09	3.21	3.34	3.60	4.05	4.47	--	--
Other ¹	4.64	4.53	4.61	NA	NA	NA	NA	NA	--	--
All Sectors	4.03	4.24	4.26	4.42	4.63	5.01	5.43	5.84	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Kentucky								
Number of Entities	4	31	1	24	1	NA	NA	61
Number of Retail Customers	1,213,827	210,209	22	792,937	2	NA	NA	2,216,997
Retail Sales (thousand megawatthours)	42,579	7,262	15,437	27,074	52	NA	NA	92,404
Percentage of Retail Sales	46.08	7.86	16.71	29.30	0.06	--	--	100.00
Revenue from Retail Sales (million dollars)	2,546	467	656	1,720	4	NA	NA	5,393
Percentage of Revenue	47.21	8.66	12.17	31.89	0.07	--	--	100.00
Average Retail Price (cents/kWh)	5.98	6.43	4.25	6.35	7.39	NA	NA	5.84

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Kentucky								
Supply								
Generation								
Electric Utilities.....	91,558	83,678	80,162	80,697	82,921	85,680	86,816	85,259
Independent Power Producers	-	11,448	11,369	10,566	11,097	11,622	11,449	11,397
Electric Power Sector Generation Subtotal	91,558	95,126	91,530	91,263	94,018	97,302	98,266	96,656
Combined Heat and Power, Commercial	-	98	-	-	-	-	-	-
Combined Heat and Power, Industrial.....	14	194	576	456	512	521	526	569
Industrial and Commercial Generation Subtotal.....	14	291	576	456	512	521	526	569
Total Net Generation	91,572	95,418	92,107	91,719	94,530	97,822	98,792	97,225
Total Supply	91,572	95,418	92,107	91,719	94,530	97,822	98,792	97,225
Disposition								
Retail Sales								
Full Service Providers	76,836	79,975	87,267	85,176	86,521	89,218	88,616	92,352
Facility Direct Retail Sales.....	-	-	-	44	-	133	127	52
Total Electric Industry Retail Sales	76,836	79,975	87,267	85,220	86,521	89,351	88,743	92,404
Direct Use	10	182	186	188	188	389	400	477
Total International Exports.....	-	-	-	-	-	*	-	-
Estimated Losses	5,481	4,286	6,459	5,688^R	6,765	6,687	6,515	7,410
Total Disposition	82,326	84,444	93,912	91,096^R	93,474^R	96,428	95,659	100,291
Net Interstate Trade	9,246	10,974	-1,805	623^R	1,055	1,394	3,133	-3,065
Net Trade Index (ratio)	1.11	1.13	0.98	1.01	1.01	1.01	1.03	0.97

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Louisiana		
NERC Region(s).....		SERC/SPP
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	26,323	14
Electric Utilities.....	14,756	17
Independent Power Producers & Combined Heat and Power.....	11,567	10
Net Generation (megawatthours).....	92,578,329	19
Electric Utilities.....	43,523,037	23
Independent Power Producers & Combined Heat and Power.....	49,055,292	9
Emissions (thousand metric tons)		
Sulfur Dioxide	105	22
Nitrogen Oxide.....	88	15
Carbon Dioxide.....	54,290	17
Sulfur Dioxide (lbs/MWh)	2.5	34
Nitrogen Oxide (lbs/MWh)	2.1	27
Carbon Dioxide (lbs/MWh).....	1,293	30
Total Retail Sales (megawatthours).....	79,566,937	20
Full Service Provider Sales (megawatthours)	79,566,937	19
Direct Use (megawatthours)	23,489,653	2
Average Retail Price (cents/kWh).....	8.39	23

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Louisiana			
1. Willow Glen	Gas	Entergy Gulf States Louisiana LLC	1,832
2. Nine Mile Point	Gas	Entergy Louisiana Inc	1,752
3. Big Cajun 2	Coal	Louisiana Generating LLC	1,743
4. R S Nelson	Coal	Entergy Gulf States Louisiana LLC	1,416
5. Little Gypsy	Gas	Entergy Louisiana Inc	1,198
6. Waterford 3.....	Nuclear	Entergy Louisiana Inc	1,157
7. Acadia Energy Center.....	Gas	Acadia Power Partners	1,063
8. River Bend.....	Nuclear	Entergy Gulf States Louisiana LLC	970
9. Rodemacher	Coal	Cleco Power LLC	952
10. Michoud.....	Gas	Entergy New Orleans Inc	825

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Louisiana						
1. Entergy Louisiana Inc.....	Investor-Owned	28,148,604	8,645,849	6,293,547	13,209,208	-
2. Entergy Gulf States Inc.....	Investor-Owned	19,133,022	4,934,277	5,098,204	9,100,541	-
3. Cleco Power LLC.....	Investor-Owned	9,216,882	3,595,481	2,612,965	3,008,436	-
4. Southwestern Electric Power Co.....	Investor-Owned	5,676,686	2,382,526	2,383,652	910,508	-
5. Entergy New Orleans Inc.....	Investor-Owned	4,307,391	1,225,571	2,510,269	568,445	3,106
Total Sales, Top Five Providers.....		66,482,585	20,783,704	18,898,637	26,797,138	3,106
Percent of Total State Sales.....		84	72	83	96	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Louisiana										
Electric Utilities.....	17,079	14,165	14,233	14,090	14,176	15,137	15,176	14,756	83.7	56.1
Coal.....	3,453	1,723	1,723	1,723	1,723	1,723	1,723	1,739	16.9	6.6
Petroleum.....	16	20	16	16	26	239	239	240	0.1	0.9
Natural Gas.....	11,599	10,350	10,423	10,284	10,372	11,051	11,095	10,650	56.8	40.5
Nuclear.....	2,011	2,073	2,071	2,067	2,055	2,124	2,119	2,127	9.9	8.1
Independent Power Producers and Combined Heat and Power.....	3,337	7,556	11,399	11,659	12,289	11,648	11,610	11,567	16.3	43.9
Coal.....	8	1,783	1,730	1,730	1,730	1,730	1,730	1,743	*	6.6
Petroleum.....	199	256	259	259	259	46	46	106	1.0	0.4
Natural Gas.....	2,383	4,987	8,962	9,216	9,632	9,046	8,885	8,734	11.7	33.2
Other Gases ¹	27	64	62	63	65	64	186	167	0.1	0.6
Hydroelectric.....	182	192	192	192	192	192	192	192	0.9	0.7
Other Renewables ²	517	253	170	175	335	333	333	394	2.5	1.5
Other ³	21	22	24	24	77	238	238	231	0.1	0.9
Total Electric Industry.....	20,416	21,721	25,633	25,749	26,465	26,785	26,786	26,323	100.0	100.0
Coal.....	3,461	3,506	3,453	3,453	3,453	3,453	3,453	3,482	17.0	13.2
Petroleum.....	215	275	275	275	285	285	285	346	1.1	1.3
Natural Gas.....	13,982	15,336	19,385	19,499	20,004	20,096	19,980	19,384	68.5	73.6
Other Gases ¹	27	64	62	63	65	64	186	167	0.1	0.6
Nuclear.....	2,011	2,073	2,071	2,067	2,055	2,124	2,119	2,127	9.9	8.1
Hydroelectric.....	182	192	192	192	192	192	192	192	0.9	0.7
Other Renewables ²	517	253	170	175	335	333	333	394	2.5	1.5
Other ³	21	22	24	24	77	238	238	231	0.1	0.9

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Louisiana										
Electric Utilities.....	61,120,002	50,378,001	54,921,960	43,485,059	47,603,602	44,157,533	40,891,159	43,523,037	73.8	47.0
Coal.....	20,952,995	10,917,220	12,258,694	11,020,325	11,324,239	11,415,901	11,544,776	10,596,391	25.3	11.4
Petroleum.....	645,547	1,722,244	68,460	1,007,874	3,693,520	3,377,765	1,756,919	1,976,897	0.8	2.1
Natural Gas.....	26,010,452	20,402,402	25,085,994	15,093,742	15,138,928	13,687,514	10,854,016	13,872,177	31.4	15.0
Other Gases ¹	-	-	203,484	236,796	366,934	-	-	-	-	-
Nuclear.....	13,511,008	17,336,135	17,305,328	16,126,322	17,079,981	15,676,353	16,735,448	17,077,572	16.3	18.4
Independent Power Producers and Combined Heat and Power.....	21,701,641	37,516,376	40,049,003	51,399,981	50,568,707^R	48,459,345	50,030,670	49,055,292	26.2	53.0
Coal.....	54,126	11,050,926	9,792,212	11,868,605	12,333,572 ^R	11,671,464 ^R	12,850,429 ^R	12,454,792	0.1	13.5
Petroleum.....	1,640,597	1,727,695	1,796,076	1,930,074	209,795 ^R	163,319 ^R	115,177 ^R	273,736	2.0	0.3
Natural Gas.....	14,566,110	19,970,352	22,814,853	30,340,455	31,030,610 ^R	30,480,390 ^R	31,079,319 ^R	30,042,838	17.6	32.5
Other Gases ¹	1,088,279	440,544	1,294,140	2,450,434	2,165,923 ^R	1,896,725 ^R	1,594,675 ^R	1,810,997	1.3	2.0
Hydroelectric.....	1,035,961	732,217	891,441	891,991	1,098,825	810,948	713,215	826,642	1.3	0.9
Other Renewables ²	3,138,770	2,704,289	2,810,480	3,078,304	2,966,391 ^R	2,886,768 ^R	2,962,363 ^R	2,979,883	3.8	3.2
Other ³	177,798	890,353	649,801	840,117	763,590 ^R	549,731 ^R	715,492 ^R	666,404	0.2	0.7
Total Electric Industry.....	82,821,643	87,894,377	94,970,963	94,885,040	98,172,309^R	92,616,878	90,921,829	92,578,329	100.0	100.0
Coal.....	21,007,121	21,968,146	22,050,906	22,888,930	23,657,811 ^R	23,087,365 ^R	24,395,205 ^R	23,051,183	25.4	24.9
Petroleum.....	2,286,144	3,449,939	1,864,536	2,937,948	3,903,315 ^R	3,541,084 ^R	1,872,096 ^R	2,250,633	2.8	2.4
Natural Gas.....	40,576,562	40,372,754	47,900,847	45,434,197	46,169,538 ^R	44,167,904 ^R	41,933,335 ^R	43,915,015	49.0	47.4
Other Gases ¹	1,088,279	440,544	1,497,624	2,687,230	2,532,857 ^R	1,896,725 ^R	1,594,675 ^R	1,810,997	1.3	2.0
Nuclear.....	13,511,008	17,336,135	17,305,328	16,126,322	17,079,981	15,676,353	16,735,448	17,077,572	16.3	18.4
Hydroelectric.....	1,035,961	732,217	891,441	891,991	1,098,825	810,948	713,215	826,642	1.3	0.9
Other Renewables ²	3,138,770	2,704,289	2,810,480	3,078,304	2,966,391 ^R	2,886,768 ^R	2,962,363 ^R	2,979,883	3.8	3.2
Other ³	177,798	890,353	649,801	840,117	763,590 ^R	549,731 ^R	715,492 ^R	666,404	0.2	0.7

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	148	131	W	W	W	W	W	W
Average heat value (Btu per pound).....	8,102	8,030	8,095	8,023	8,146	8,136	8,205	8,246
Average sulfur Content (percent)	0.64	0.74	0.52	0.50	0.51	0.54	0.49	0.39
Petroleum (cents per million Btu).....	302	519	63	247	286	427	W	W
Average heat value (Btu per gallon).....	153,519	145,238	140,393	145,807	147,379	147,057	142,607	139,310
Average sulfur Content (percent).....	1.16	0.70	5.40	3.77	3.45	3.34	4.92	6.13
Natural Gas (cents per million Btu).....	269	413	342	561	633	879	737	720
Average heat value (Btu per cubic foot).....	1,036	1,040	1,034	1,033	1,031	1,034	1,035	1,034

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Louisiana								
Sulfur Dioxide								
Coal.....	106 ^R	87	89	87	87	82	81	65
Petroleum.....	64 ^R	79	61	83	20	19	17	13
Natural Gas	*	*	*	*	*	*	*	*
Other Gases.....	*	*	*	*	*	*	*	*
Other Renewables ¹	21 ^R	19 ^R	19 ^R	21 ^R	22 ^R	24 ^R	23 ^R	23
Other ²	*	* ^R	2 ^R	3 ^R	3 ^R	4 ^R	4 ^R	4
Total.....	191 ^R	185 ^R	171 ^R	195 ^R	132 ^R	128 ^R	125 ^R	105
Nitrogen Oxide								
Coal.....	41	38	39	39	37	35	33	26
Petroleum.....	22 ^R	10	7	9	4	3	3	3
Natural Gas	63 ^R	68	52	53	50	43	40	44
Other Gases.....	*	1 ^R	2 ^R	5 ^R	6 ^R	5 ^R	4 ^R	4
Other Renewables ¹	9 ^R	8 ^R	10 ^R	8 ^R	8 ^R	8 ^R	9 ^R	8
Other ²	*	1 ^R	*	1 ^R	1 ^R	1 ^R	2 ^R	2
Total.....	135 ^R	126 ^R	110 ^R	115 ^R	106 ^R	96 ^R	90 ^R	88
Carbon Dioxide								
Coal.....	21,612	22,946	22,192	23,600	24,563	24,315	25,371	23,912
Petroleum.....	2,583	3,528	2,042	3,009	4,356	3,834	2,564	3,056
Natural Gas	27,143	27,846	30,523	29,037	29,157	28,652	25,809	26,987
Other ²	23 ^R	129 ^R	162 ^R	253 ^R	302 ^R	300 ^R	354 ^R	335
Total.....	51,362 ^R	54,449 ^R	54,920 ^R	55,899 ^R	58,378 ^R	57,101 ^R	54,098 ^R	54,290

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Louisiana										
Retail Sales (thousand megawatthours)										
Residential	24,502	25,800	28,157	28,572	28,863	28,654	28,113	28,878	32.3	36.3
Commercial	16,222	17,722	18,686	21,944	22,568	21,692	21,979	22,887	21.4	28.8
Industrial	32,493	28,574	29,662	27,251	28,290	27,031	27,373	27,799	42.8	34.9
Other ¹	2,669	2,596	2,756	NA	NA	NA	NA	NA	3.5	--
Transportation.....	NA	NA	NA	3	16	12	3	3	--	*
All Sectors	75,886	74,693	79,261	77,769	79,737	77,389	77,468	79,567	100.0	100.0
Retail Revenue (million dollars).....										
Residential	1,811	2,044	2,000	2,241	2,324	2,542	2,568	2,707	39.9	40.5
Commercial	1,134	1,343	1,242	1,628	1,710	1,857	1,984	2,089	24.9	31.3
Industrial	1,426	1,596	1,310	1,518	1,646	1,814	1,881	1,883	31.4	28.2
Other ¹	173	219	194	NA	NA	NA	NA	NA	3.8	--
Transportation.....	NA	NA	NA	*	1	1	*	*	--	*
All Sectors	4,544	5,201	4,746	5,387	5,682	6,214	6,433	6,679	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.39	7.92	7.10	7.84	8.05	8.87	9.14	9.37	--	--
Commercial	6.99	7.58	6.64	7.42	7.58	8.56	9.03	9.13	--	--
Industrial	4.39	5.58	4.42	5.57	5.82	6.71	6.87	6.77	--	--
Other ¹	6.48	8.43	7.05	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	7.32	7.09	7.63	14.10	13.91	--	--
All Sectors	5.99	6.96	5.99	6.93	7.13	8.03	8.30	8.39	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Louisiana								
Number of Entities.....	5	22	NA	13	NA	NA	NA	40
Number of Retail Customers	1,595,399	161,835	NA	410,930	NA	NA	NA	2,168,164
Retail Sales (thousand megawatthours).....	66,483	4,535	NA	8,549	NA	NA	NA	79,567
Percentage of Retail Sales	83.56	5.70	--	10.74	--	--	--	100.00
Revenue from Retail Sales (million dollars)	5,678	372	NA	629	NA	NA	NA	6,679
Percentage of Revenue	85.01	5.57	--	9.42	--	--	--	100.00
Average Retail Price (cents/kWh).....	8.54	8.20	NA	7.36	NA	NA	NA	8.39

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Louisiana								
Supply								
Generation								
Electric Utilities.....	61,120	50,378	54,922	43,485	47,604	44,158	40,891	43,523
Independent Power Producers	1,253	14,007	16,941	21,184	18,811	18,095	18,740	17,735
Combined Heat and Power, Electric	1,568	1,551	1,650	1,845	5,233	8,254	4,165	4,416
Electric Power Sector Generation Subtotal	63,941	65,936	73,513	66,513	71,648	70,507	63,796	65,674
Combined Heat and Power, Commercial	32	65	32	23	20	38	39	43
Combined Heat and Power, Industrial.....	18,850	21,893	21,426	28,348	26,505	22,072	27,087	26,862
Industrial and Commercial Generation Subtotal.....	18,881	21,958	21,458	28,372	26,525	22,110	27,125	26,905
Total Net Generation.....	82,822	87,894	94,971	94,885	98,172	92,617	90,922	92,578
Total Supply	82,822	87,894	94,971	94,885	98,172	92,617	90,922	92,578
Disposition								
Retail Sales								
Full Service Providers	75,886	74,693	79,261	77,727	79,737	77,389	77,468	79,567
Facility Direct Retail Sales.....	-	-	-	43	-	-	-	-
Total Electric Industry Retail Sales.....	75,886	74,693	79,261	77,769	79,737	77,389	77,468	79,567
Direct Use	18,941	21,308	21,772	22,048	22,071	20,420	23,506	23,490
Estimated Losses.....	5,413	4,920	4,696	4,197^R	5,186	5,525	5,464	5,877
Total Disposition	100,240	100,921	105,728	104,015^R	106,994^R	103,335^R	106,438	108,934
Net Interstate Trade.....	-17,419	-13,027	-10,757	-9,130^R	-8,822	-10,718	-15,516	-16,355
Net Trade Index (ratio)	0.83	0.87	0.90	0.91	0.92	0.90	0.85	0.85

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Maine		
NERC Region(s).....		NPCC
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	4,213	43
Electric Utilities.....	19	49
Independent Power Producers & Combined Heat and Power.....	4,194	24
Net Generation (megawatthours).....	16,128,567	43
Electric Utilities.....	1,317	49
Independent Power Producers & Combined Heat and Power.....	16,127,250	22
Emissions (thousand metric tons)		
Sulfur Dioxide	21	41
Nitrogen Oxide.....	10	44
Carbon Dioxide.....	5,566	45
Sulfur Dioxide (lbs/MWh)	2.9	32
Nitrogen Oxide (lbs/MWh)	1.4	36
Carbon Dioxide (lbs/MWh).....	761	43
Total Retail Sales (megawatthours).....	11,860,202	45
Full Service Provider Sales (megawatthours)	158,545	51
Deregulated Sales (megawatthours)	11,701,657	8
Direct Use (megawatthours)	3,973,576	9
Average Retail Price (cents/kWh).....	14.59	5

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Maine			
1. William F Wyman	Petroleum	FPL Energy Wyman LLC	822
2. Westbrook Energy Center	Gas	Calpine Operating Services Company Inc	506
3. Maine Independence Station	Gas	Casco Bay Energy Co LLC	490
4. Rumford Power Associates	Gas	Rumford Power	254
5. Verso Paper.....	Gas	Verso Paper - Bucksport	250
6. Great Lakes Hydro America - ME	Hydroelectric	Great Lakes Hydro America LLC	129
7. Androscoggin Energy Center	Gas	Verso Paper Androscoggin LLC	127
8. Sappi Fine Paper North America, Somerset Facility	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

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Maine						
1. CECG Maine, LLC.....	Other Provider	2,930,075	2,399,907	461,224	68,944	-
2. Constellation NewEnergy, Inc.....	Other Provider	2,435,529	-	1,992,582	442,947	-
3. FPL Energy Power Marketing Inc.....	Other Provider	2,025,104	1,201,787	459,616	363,701	-
4. Integrys Energy Services, Inc.....	Other Provider	1,205,653	370,587	584,802	250,264	-
5. Dominion Retail Inc.....	Other Provider	535,727	-	535,727	-	-
Total Sales, Top Five Providers.....		9,132,088	3,972,281	4,033,951	1,125,856	-
Percent of Total State Sales.....		77	90	96	35	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Maine										
Electric Utilities.....	1,498	17	16	19	19	19	19	19	52.4	0.5
Petroleum.....	1,064	17	16	19	19	19	19	19	37.2	0.5
Hydroelectric.....	404	-	-	-	-	-	-	-	14.1	-
Other Renewables ¹	30	-	-	-	-	-	-	-	1.0	-
Independent Power Producers and Combined Heat and Power.....	1,361	4,191	4,272	4,266	4,170	4,166	4,168	4,194	47.6	99.5
Coal.....	96	85	85	85	85	85	85	85	3.3	2.0
Petroleum.....	239	1,046	1,097	1,097	1,010	1,010	1,010	1,011	8.4	24.0
Natural Gas.....	3	1,659	1,674	1,670	1,658	1,658	1,655	1,636	0.1	38.8
Hydroelectric.....	354	681	718	721	722	720	719	718	12.4	17.0
Other Renewables ¹	669	720	698	693	695	693	699	744	23.4	17.6
Total Electric Industry.....	2,859	4,208	4,288	4,285	4,190	4,185	4,187	4,213	100.0	100.0
Coal.....	96	85	85	85	85	85	85	85	3.3	2.0
Petroleum.....	1,304	1,063	1,113	1,116	1,029	1,030	1,030	1,031	45.6	24.5
Natural Gas.....	3	1,659	1,674	1,670	1,658	1,658	1,655	1,636	0.1	38.8
Hydroelectric.....	758	681	718	721	722	720	719	718	26.5	17.0
Other Renewables ¹	699	720	698	693	695	693	699	744	24.4	17.6

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Maine										
Electric Utilities.....	3,222,785	-	865	1,409	1,121	827	489	1,317	31.2	*
Petroleum.....	1,442,898	-	865	1,409	1,121	827	489	1,317	14.0	*
Hydroelectric.....	1,779,887	-	-	-	-	-	-	-	17.2	-
Independent Power Producers and Combined Heat and Power.....	7,110,621	19,564,821	22,534,169	18,970,227	19,097,764 ^R	18,843,151	16,815,684	16,127,250	68.8	100.0
Coal.....	612,223	528,412	603,938	376,532	359,410 ^R	320,271 ^R	321,262 ^R	375,577	5.9	2.3
Petroleum.....	1,042,309	2,101,522	1,228,621	1,918,139	1,310,792 ^R	1,620,564 ^R	594,446 ^R	817,060	10.1	5.1
Natural Gas.....	3,446	10,052,949	13,503,963	9,438,704	9,832,187 ^R	8,398,453 ^R	7,297,856 ^R	6,674,594	*	41.4
Other Gases ¹	5,073	-	48	34	38	54	-	-	*	-
Hydroelectric.....	1,868,044	2,645,123	2,767,847	3,172,623	3,430,249	4,090,926	4,278,132	3,738,168	18.1	23.2
Other Renewables ²	3,579,526	3,825,725	4,043,533	3,586,010	3,598,037 ^R	4,068,189 ^R	3,967,651 ^R	4,206,979	34.6	26.1
Other ³	-	411,090	386,219	478,184	567,052 ^R	344,693 ^R	356,336 ^R	314,872	-	2.0
Total Electric Industry.....	10,333,406	19,564,821	22,535,034	18,971,636	19,098,885^R	18,843,978	16,816,173	16,128,567	100.0	100.0
Coal.....	612,223	528,412	603,938	376,532	359,410 ^R	320,271 ^R	321,262 ^R	375,577	5.9	2.3
Petroleum.....	2,485,207	2,101,522	1,229,486	1,919,548	1,311,913 ^R	1,621,391 ^R	594,935 ^R	818,377	24.1	5.1
Natural Gas.....	3,446	10,052,949	13,503,963	9,438,704	9,832,187 ^R	8,398,453 ^R	7,297,856 ^R	6,674,594	*	41.4
Other Gases ¹	5,073	-	48	34	38	54	-	-	*	-
Hydroelectric.....	3,647,931	2,645,123	2,767,847	3,172,623	3,430,249	4,090,926	4,278,132	3,738,168	35.3	23.2
Other Renewables ²	3,579,526	3,825,725	4,043,533	3,586,010	3,598,037 ^R	4,068,189 ^R	3,967,651 ^R	4,206,979	34.6	26.1
Other ³	-	411,090	386,219	478,184	567,052 ^R	344,693 ^R	356,336 ^R	314,872	-	2.0

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	-	-	241	W	W	W	W	W
Average heat value (Btu per pound).....	-	-	13,138	13,124	12,854	12,823	12,784	13,171
Average sulfur Content (percent).....	-	-	0.71	0.69	0.77	0.78	0.70	0.65
Petroleum (cents per million Btu).....	279	-	388	556	504	W	762	883
Average heat value (Btu per gallon).....	151,067	-	150,960	150,319	151,731	152,776	152,495	150,571
Average sulfur Content (percent).....	1.27	-	1.15	0.81	1.02	1.12	1.33	1.35
Natural Gas (cents per million Btu).....	-	-	391	584	628	W	W	W
Average heat value (Btu per cubic foot).....	-	-	1,042	1,042	1,044	1,058	1,062	1,056

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Maine								
Sulfur Dioxide								
Coal.....	4 ^R	1	1	1	2	2	2	2
Petroleum.....	30 ^R	21	10	9	9	11	7	11
Natural Gas.....	-	*	*	*	*	*	*	*
Other Renewables ¹	12 ^R	7 ^R	10 ^R	9 ^R	9 ^R	9 ^R	8 ^R	8
Other ²	1 ^R	*	1 ^R	*	*	*	*	*
Total.....	47 ^R	29 ^R	22 ^R	20 ^R	20 ^R	22 ^R	17 ^R	21
Nitrogen Oxide								
Coal.....	2 ^R	1	1	1	1	1	1	1
Petroleum.....	7 ^R	4	2	3	2	3	2	2
Natural Gas.....	*	2	1	2	2	*	*	*
Other Gases.....	* ^R	-	-	-	-	-	-	-
Other Renewables ¹	7 ^R	7 ^R	7 ^R	7 ^R	6 ^R	7 ^R	6 ^R	6
Other ²	2 ^R	1 ^R	1 ^R	1 ^R	1 ^R	1 ^R	1 ^R	1
Total.....	17 ^R	16 ^R	12 ^R	13 ^R	12 ^R	12 ^R	10 ^R	10
Carbon Dioxide								
Coal.....	773	901	1,368	633	648	608	604	643
Petroleum.....	3,521	2,978	1,982	2,438	1,990	2,473	1,405	1,448
Natural Gas.....	4	4,490	6,172	4,149	4,251	3,460	3,105	2,943
Other ²	385 ^R	424 ^R	625 ^R	488 ^R	448 ^R	517 ^R	521 ^R	531
Total.....	4,684 ^R	8,793 ^R	10,147 ^R	7,708 ^R	7,337 ^R	7,058 ^R	5,635 ^R	5,566

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Maine										
Retail Sales (thousand megawatthours)										
Residential	3,659	3,903	4,043	4,219	4,331	4,503	4,351	4,413	30.6	37.2
Commercial	3,279	3,779	3,789	3,959	4,325	4,157	4,134	4,195	27.4	35.4
Industrial	4,957	4,413	3,550	3,793	3,711	3,702	3,800	3,252	41.5	27.4
Other ¹	63	57	59	NA	NA	NA	NA	NA	0.5	--
All Sectors	11,959	12,152	11,441	11,972	12,368	12,363	12,285	11,860	100.0	100.0
Retail Revenue (million dollars)										
Residential	466	512	515	522	527	596	601	729	41.0	42.1
Commercial	341	440	405	409	428	442	514	543	30.0	31.4
Industrial	315	315	250	241	244	269	336	459	27.7	26.5
Other ¹	15	15	14	NA	NA	NA	NA	NA	1.3	--
All Sectors	1,137	1,282	1,184	1,172	1,198	1,307	1,450	1,731	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	12.75	13.13	12.74	12.37	12.16	13.23	13.80	16.52	--	--
Commercial	10.39	11.64	10.68	10.34	9.89	10.63	12.42	12.94	--	--
Industrial	6.36	7.15	7.05	6.35	6.56	7.28	8.83	14.11	--	--
Other ¹	23.23	25.40	23.39	NA	NA	NA	NA	NA	--	--
All Sectors	9.51	10.55	10.35	9.79	9.69	10.57	11.80	14.59	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Maine								
Number of Entities	1	4	NA	3	NA	14	6	28
Number of Retail Customers	34	10,243	NA	2,506	NA	771,837	NA	784,620
Retail Sales (thousand megawatthours)	*	146	NA	12	NA	11,702	NA	11,860
Percentage of Retail Sales	*	1.23	--	0.10	--	98.66	--	100.00
Revenue from Retail Sales (million dollars)	*	16	NA	3	NA	1,146	565	1,731
Percentage of Revenue	*	0.92	--	0.20	--	66.22	32.67	100.00
Average Retail Price (cents/kWh)	14.54	10.92	NA	27.50	NA	9.79	4.83	14.59

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Maine								
Supply								
Generation								
Electric Utilities	3,223	-	1	1	1	1	*	1
Independent Power Producers	1,595	12,050	13,006	11,668	12,630	13,127	11,091	10,154
Combined Heat and Power, Electric	787	2,924	3,212	1,691	1,400	730	701	702
Electric Power Sector Generation Subtotal	5,605	14,975	16,219	13,361	14,031	13,858	11,792	10,857
Combined Heat and Power, Commercial	207	180	180	183	176	177	172	173
Combined Heat and Power, Industrial	4,521	4,410	6,136	5,428	4,892	4,809	4,852	5,099
Industrial and Commercial Generation Subtotal	4,728	4,590	6,316	5,611	5,068	4,986	5,024	5,272
Total Net Generation	10,333	19,565	22,535	18,972	19,099	18,844	16,816	16,129
Total International Imports	3,441	2,902	2,277	2,676	3,922	4,391	3,774^R	4,263
Total Supply	13,774	22,466	24,812	21,647	23,021	23,235	20,590^R	20,391
Disposition								
Retail Sales								
Full Service Providers	11,959	3,985	1,025	398	463	173	169	159
Energy-Only Providers	-	8,167	10,416	11,203	11,775	11,993	11,453	11,702
Facility Direct Retail Sales	-	-	-	371	130	196	663	-
Total Electric Industry Retail Sales	11,959	12,152	11,441	11,972	12,368	12,363	12,285	11,860
Direct Use	4,453	4,221	4,313	4,368	4,372	2,588	4,344	3,974
Total International Exports	8	81	192	236	124	368	591^R	898
Estimated Losses	853	1,437	424	304	446	489	376	273
Total Disposition	17,273	17,891	16,371	16,880	17,310	15,808	17,597	17,005
Net Interstate Trade	-3,499	4,575	8,442	4,767	5,710	7,427	2,994^R	3,387
Net Trade Index (ratio)	0.80	1.26	1.52	1.28	1.33	1.47	1.17	1.20

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Maryland		
NERC Region(s).....		RFC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	12,486	30
Electric Utilities.....	80	47
Independent Power Producers & Combined Heat and Power.....	12,406	9
Net Generation (megawatthours).....	50,197,924	29
Electric Utilities.....	23,712	47
Independent Power Producers & Combined Heat and Power.....	50,174,211	8
Emissions (thousand metric tons)		
Sulfur Dioxide	267	13
Nitrogen Oxide.....	55	30
Carbon Dioxide.....	31,165	31
Sulfur Dioxide (lbs/MWh)	11.7	2
Nitrogen Oxide (lbs/MWh)	2.4	22
Carbon Dioxide (lbs/MWh).....	1,369	26
Total Retail Sales (megawatthours).....	65,390,660	24
Full Service Provider Sales (megawatthours)	38,466,614	31
Deregulated Sales (megawatthours).....	26,924,046	3
Direct Use (megawatthours)	1,344,858	27
Average Retail Price (cents/kWh).....	11.50	13

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Maryland			
1. Chalk Point LLC.....	Coal	Mirant Chalk Point LLC	2,417
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	963
6. Dickerson.....	Coal	Mirant Mid-Atlantic LLC	853
7. NAEA Rock Springs LLC.....	Gas	CED Operating Co LLC	632
8. Conowingo.....	Hydroelectric	Exelon Power	572
9. C P Crane.....	Coal	Constellation Power Source Gen	399
10. Perryman.....	Petroleum	Constellation Power Source Gen	370

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Maryland						
1. Baltimore Gas & Electric Co.....	Investor-Owned	17,675,485	13,024,401	4,364,326	286,758	-
2. Potomac Electric Power Co.....	Investor-Owned	7,941,173	5,741,362	2,199,811	-	-
3. PEPCO Energy Services.....	Other Provider	7,918,475	25,863	7,675,883	-	216,729
4. Constellation NewEnergy, Inc.....	Other Provider	5,066,454	-	3,932,047	940,235	194,172
5. The Potomac Edison Co.....	Investor-Owned	4,686,163	3,364,980	960,422	360,761	-
Total Sales, Top Five Providers		43,287,750	22,156,606	19,132,489	1,587,754	410,901
Percent of Total State Sales		66	79	62	27	78

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Maryland										
Electric Utilities.....	11,101	70	69	70	79	79	79	80	94.8	0.6
Coal.....	4,647	-	-	-	-	-	-	-	39.7	-
Petroleum.....	2,631	70	69	70	79	79	79	80	22.5	0.6
Natural Gas.....	1,618	-	-	-	-	-	-	-	13.8	-
Nuclear.....	1,675	-	-	-	-	-	-	-	14.3	-
Hydroelectric.....	530	-	-	-	-	-	-	-	4.5	-
Independent Power Producers and Combined Heat and Power	612	11,859	11,790	12,401	12,419	12,423	12,421	12,406	5.2	99.4
Coal.....	60	4,586	4,897	4,957	4,958	4,958	4,958	4,958	0.5	39.7
Petroleum.....	2	3,243	2,853	2,752	3,343	3,343	3,061	2,885	*	23.1
Natural Gas.....	421	1,490	1,490	2,144	1,538	1,542	1,821	1,953	3.6	15.6
Other Gases ¹	-	153	152	152	152	152	152	152	-	1.2
Nuclear.....	-	1,675	1,685	1,703	1,735	1,735	1,735	1,735	-	13.9
Hydroelectric.....	-	530	530	566	566	566	566	590	-	4.7
Other Renewables ²	128	183	183	127	127	127	127	133	1.1	1.1
Total Electric Industry.....	11,713	11,930	11,859	12,472	12,499	12,503	12,500	12,486	100.0	100.0
Coal.....	4,707	4,586	4,897	4,957	4,958	4,958	4,958	4,958	40.2	39.7
Petroleum.....	2,633	3,313	2,922	2,822	3,422	3,422	3,140	2,965	22.5	23.7
Natural Gas.....	2,039	1,490	1,490	2,144	1,538	1,542	1,821	1,953	17.4	15.6
Other Gases ¹	-	153	152	152	152	152	152	152	-	1.2
Nuclear.....	1,675	1,675	1,685	1,703	1,735	1,735	1,735	1,735	14.3	13.9
Hydroelectric.....	530	530	530	566	566	566	566	590	4.5	4.7
Other Renewables ²	128	183	183	127	127	127	127	133	1.1	1.1

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Maryland										
Electric Utilities.....	44,552,905	88,150	30,734	51,722	30,023	44,235	11,941	23,712	95.4	*
Coal.....	27,394,342	-	-	-	-	-	-	-	58.7	-
Petroleum.....	1,478,623	87,790	30,734	51,722	30,023	44,235	11,941	23,712	3.2	*
Natural Gas.....	878,598	360	-	-	-	-	-	-	1.9	-
Nuclear.....	13,212,967	-	-	-	-	-	-	-	28.3	-
Hydroelectric.....	1,588,375	-	-	-	-	-	-	-	3.4	-
Independent Power Producers and Combined Heat and Power.....	2,154,491	48,974,190	48,248,354	52,192,515	52,022,747	52,617,365	48,944,939	50,174,211	4.6	100.0
Coal.....	226,583	28,379,409	28,712,053	29,939,086	29,195,458 ^R	29,302,792 ^R	29,408,022 ^R	29,699,186	0.5	59.2
Petroleum.....	86,387	2,933,849	2,251,698	3,520,461	3,266,819 ^R	3,761,334 ^R	568,785 ^R	961,118	0.2	1.9
Natural Gas.....	533,987	1,760,452	2,214,431	1,195,643	1,183,301 ^R	1,886,986 ^R	1,770,206 ^R	2,240,927	1.1	4.5
Other Gases ¹	564,036	439,980	504,513	325,355	411,565 ^R	342,466 ^R	332,444 ^R	377,560	1.2	0.8
Nuclear.....	-	13,656,267	12,128,005	13,690,713	14,580,260	14,703,221	13,830,411	14,353,192	-	28.6
Hydroelectric.....	-	1,183,518	1,660,989	2,646,984	2,507,521	1,703,639	2,104,275	1,652,216	-	3.3
Other Renewables ²	743,498	373,015	521,631	596,050	589,208 ^R	623,365 ^R	626,161 ^R	603,462	1.6	1.2
Other ³	-	247,700	255,034	278,224	288,616 ^R	293,561 ^R	304,635 ^R	286,550	-	0.6
Total Electric Industry.....	46,707,396	49,062,340	48,279,088	52,244,237	52,052,770	52,661,600	48,956,880	50,197,924	100.0	100.0
Coal.....	27,620,925	28,379,409	28,712,053	29,939,086	29,195,458 ^R	29,302,792 ^R	29,408,022 ^R	29,699,186	59.1	59.2
Petroleum.....	1,565,010	3,021,639	2,282,432	3,572,183	3,296,842 ^R	3,805,569 ^R	580,726 ^R	984,831	3.4	2.0
Natural Gas.....	1,412,585	1,760,812	2,214,431	1,195,643	1,183,301 ^R	1,886,986 ^R	1,770,206 ^R	2,240,927	3.0	4.5
Other Gases ¹	564,036	439,980	504,513	325,355	411,565 ^R	342,466 ^R	332,444 ^R	377,560	1.2	0.8
Nuclear.....	13,212,967	13,656,267	12,128,005	13,690,713	14,580,260	14,703,221	13,830,411	14,353,192	28.3	28.6
Hydroelectric.....	1,588,375	1,183,518	1,660,989	2,646,984	2,507,521	1,703,639	2,104,275	1,652,216	3.4	3.3
Other Renewables ²	743,498	373,015	521,631	596,050	589,208 ^R	623,365 ^R	626,161 ^R	603,462	1.6	1.2
Other ³	-	247,700	255,034	278,224	288,616 ^R	293,561 ^R	304,635 ^R	286,550	-	0.6

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	150	-	163	163	174	192	227	212
Average heat value (Btu per pound).....	12,913	-	12,799	12,708	12,653	12,638	12,504	12,501
Average sulfur Content (percent)	1.14	-	1.13	1.07	1.25	1.32	1.28	1.26
Petroleum (cents per million Btu).....	296	-	375	534	552	788	1,013	1,060
Average heat value (Btu per gallon).....	150,921	-	150,717	148,564	149,417	148,498	146,088	145,614
Average sulfur Content (percent).....	1.01	-	0.65	0.61	0.54	0.64	0.48	0.53
Natural Gas (cents per million Btu).....	285	-	416	537	553	991	748	757
Average heat value (Btu per cubic foot).....	1,041	-	1,035	1,047	1,048	1,046	1,043	1,042

Btu = British thermal unit.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Maryland								
Sulfur Dioxide								
Coal.....	231 ^R	235	241	248	261	258	256	252
Petroleum.....	12 ^R	11	8	14	13	16	12	12
Natural Gas	* ^R	*	*	*	*	*	*	*
Other Gases.....	* ^R	*	*	*	*	*	*	*
Other Renewables ¹	2 ^R	3 ^R	2					
Other ²	1 ^R	1 ^R	*	*	*	*	*	*
Total.....	245 ^R	250 ^R	251 ^R	264 ^R	277 ^R	276 ^R	271 ^R	267
Nitrogen Oxide								
Coal.....	93 ^R	61	62	57	51	50	47	43
Petroleum.....	7 ^R	6	5	8	7	8	5	5
Natural Gas	2	2	3	1	3	2	7	2
Other Gases.....	*	1 ^R	1					
Other Renewables ¹	1 ^R	5 ^R	2 ^R	2 ^R	3 ^R	2 ^R	2 ^R	2
Other ²	3 ^R	2 ^R	1					
Total.....	106 ^R	78 ^R	73 ^R	70 ^R	65 ^R	64 ^R	62 ^R	55
Carbon Dioxide								
Coal.....	25,707	26,122	27,238	28,366	27,868	28,224	28,041	28,342
Petroleum.....	1,628	2,653	1,984	2,968	2,811	3,282	548	884
Natural Gas	1,026	1,101	1,360	674	739	1,238	1,302	1,366
Other ²	549 ^R	544 ^R	587 ^R	595 ^R	593 ^R	581 ^R	606 ^R	574
Total.....	28,910 ^R	30,420 ^R	31,169 ^R	32,604 ^R	32,010 ^R	33,325 ^R	30,497 ^R	31,165

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Maryland										
Retail Sales (thousand megawatthours)										
Residential	21,937	24,294	25,489	26,671	27,952	28,440	26,905	28,195	39.0	43.1
Commercial	23,419	26,244	21,044	16,950	17,264	17,932	29,729	30,691	41.6	46.9
Industrial	10,128	10,177	20,875	27,176	21,195	21,517	6,057	5,980	18.0	9.1
Other ¹	781	926	972	NA	NA	NA	NA	NA	1.4	--
Transportation.....	NA	NA	NA	461	481	477	482	524	--	0.8
All Sectors	56,264	61,640	68,380	71,259	66,892	68,365	63,173	65,391	100.0	100.0
Retail Revenue (million dollars).....										
Residential	1,827	1,864	1,973	2,060	2,181	2,405	2,614	3,353	46.5	44.6
Commercial	1,607	1,669	1,328	1,178	1,304	1,608	3,141	3,553	40.9	47.2
Industrial	426	445	836	1,329	1,269	1,509	493	563	10.8	7.5
Other ¹	69	87	92	NA	NA	NA	NA	NA	1.8	--
Transportation.....	NA	NA	NA	27	31	37	41	53	--	0.7
All Sectors	3,928	4,066	4,229	4,594	4,785	5,559	6,288	7,523	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	8.33	7.67	7.74	7.73	7.80	8.46	9.71	11.89	--	--
Commercial	6.86	6.36	6.31	6.95	7.56	8.97	10.56	11.58	--	--
Industrial	4.21	4.37	4.01	4.89	5.99	7.01	8.14	9.41	--	--
Other ¹	8.80	9.42	9.42	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	5.78	6.46	7.73	8.43	10.15	--	--
All Sectors	6.98	6.60	6.18	6.45	7.15	8.13	9.95	11.50	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Maryland								
Number of Entities.....	4	5	NA	3	1	20	4	37
Number of Retail Customers	2,067,521	34,151	NA	195,692	1	113,875	NA	2,411,240
Retail Sales (thousand megawatthours).....	33,240	777	NA	4,425	25	26,924	NA	65,391
Percentage of Retail Sales	50.83	1.19	--	6.77	0.04	41.17	--	100.00
Revenue from Retail Sales (million dollars)	4,009	81	NA	546	2	2,395	491	7,523
Percentage of Revenue	53.29	1.07	--	7.26	0.02	31.83	6.52	100.00
Average Retail Price (cents/kWh).....	12.06	10.36	NA	12.34	6.41	8.89	1.82	11.50

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Maryland								
Supply								
Generation								
Electric Utilities	44,553	88	31	52	30	44	12	24
Independent Power Producers	290	46,079	44,828	48,824	48,457	48,780	45,406	46,274
Combined Heat and Power, Electric	1,377	2,808	2,835	2,813	2,926	3,196	2,902	3,275
Electric Power Sector Generation Subtotal	46,219	48,975	47,695	51,689	51,413	52,020	48,320	49,573
Combined Heat and Power, Commercial	30	30	10	31	49	54	32	28
Combined Heat and Power, Industrial	458	57	575	524	591	588	605	597
Industrial and Commercial Generation Subtotal	488	87	584	555	640	641	637	625
Total Net Generation	46,707	49,062	48,279	52,244	52,053	52,662	48,957	50,198
Total International Imports	-	37	-	-	-	-	-	-
Total Supply	46,707	49,100	48,279	52,244	52,053	52,662	48,957	50,198
Disposition								
Retail Sales								
Full Service Providers	56,264	59,183	59,271	59,675	53,240	49,145	41,666	38,442
Energy-Only Providers	-	2,457	9,108	11,566	13,652	19,202	21,507	26,924
Facility Direct Retail Sales	-	-	-	18	-	18	-	25
Total Electric Industry Retail Sales	56,264	61,640	68,380	71,259	66,892	68,365	63,173	65,391
Direct Use	586	1,157	1,182	1,197	1,198	1,095	1,323	1,345
Estimated Losses	4,013	2,278	3,948	3,612^R	4,688	5,307	4,734	5,392
Total Disposition	60,864	65,075	73,510	76,067^R	72,778	74,767	69,230	72,128
Net Interstate Trade	-14,157	-15,975	-25,231	-23,823^R	-20,725	-22,105	-20,274	-21,930
Net Trade Index (ratio)	0.77	0.75	0.66	0.69	0.72	0.70	0.71	0.70

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Massachusetts		
NERC Region(s).....		NPCC
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	13,557	27
Electric Utilities.....	827	42
Independent Power Producers & Combined Heat and Power.....	12,730	8
Net Generation (megawatthours).....	47,075,975	33
Electric Utilities.....	493,885	44
Independent Power Producers & Combined Heat and Power.....	46,582,091	10
Emissions (thousand metric tons)		
Sulfur Dioxide	51	32
Nitrogen Oxide.....	20	39
Carbon Dioxide.....	25,539	34
Sulfur Dioxide (lbs/MWh)	2.4	36
Nitrogen Oxide (lbs/MWh)	0.9	41
Carbon Dioxide (lbs/MWh).....	1,196	35
Total Retail Sales (megawatthours).....	57,138,822	25
Full Service Provider Sales (megawatthours)	33,297,614	34
Deregulated Sales (megawatthours).....	23,841,208	4
Direct Use (megawatthours)	1,388,251	26
Average Retail Price (cents/kWh).....	15.16	4

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Massachusetts			
1. Mystic Generating Station.....	Gas	Boston Generating LLC	1,945
2. Brayton Point.....	Coal	Dominion Energy New England, LLC	1,545
3. Canal.....	Petroleum	Mirant Canal LLC	1,112
4. Northfield Mountain.....	Pumped Storage	FirstLight Power Resources Services LLC	1,080
5. Salem Harbor.....	Coal	Dominion Energy New England, LLC	743
6. Pilgrim Nuclear Power Station.....	Nuclear	Entergy Nuclear Generation Co	685
7. Fore River Generating Station.....	Gas	Boston Generating LLC	683
8. Bear Swamp.....	Pumped Storage	Brookfield Power New England	563
9. ANP Bellingham Energy Project.....	Gas	IPA Bellingham Energy Company	475
10. ANP Blackstone Energy Project	Gas	ANP Blackstone Energy Co	437

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Massachusetts Electric Co.....	Investor-Owned	12,543,637	8,232,036	3,768,886	542,715	-
2. NSTAR Electric Company.....	Investor-Owned	9,916,296	5,359,778	4,261,204	295,314	-
3. Constellation NewEnergy, Inc.....	Other Provider	8,593,991	-	6,614,724	1,978,477	790
4. TransCanada Power Mktg Ltd.....	Other Provider	2,934,563	-	-	2,934,563	-
5. Consolidated Edison Sol Inc.....	Other Provider	2,405,412	1,346,785	1,058,627	-	-
Total Sales, Top Five Providers.....		36,393,899	14,938,599	15,703,441	5,751,069	790
Percent of Total State Sales.....		64	74	58	61	*

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Electric Utilities.....	9,442	993	1,090	981	981	983	837	827	83.4	6.1
Coal.....	1,737	145	145	145	145	144	-	-	15.3	-
Petroleum.....	4,094	474	771	663	661	661	659	648	36.1	4.8
Natural Gas.....	1,086	329	130	130	131	131	131	131	9.6	1.0
Nuclear.....	669	-	-	-	-	-	-	-	5.9	-
Hydroelectric.....	203	45	44	44	44	47	47	47	1.8	0.3
Other Renewables ¹	*	-	-	-	-	-	-	2	*	*
Pumped Storage.....	1,652	-	-	-	-	-	-	-	14.6	-
Independent Power Producers and Combined Heat and Power.....	1,886	10,849	11,069	12,896	13,021	12,986	13,095	12,730	16.6	93.9
Coal.....	10	1,500	1,544	1,514	1,578	1,599	1,743	1,744	0.1	12.9
Petroleum.....	126	3,084	3,464	3,117	2,581	2,580	2,559	2,489	1.1	18.4
Natural Gas.....	1,354	3,432	3,230	5,414	6,026	5,971	5,958	5,658	12.0	41.7
Nuclear.....	-	667	667	685	685	685	685	685	-	5.1
Hydroelectric.....	58	201	209	217	216	213	212	212	0.5	1.6
Other Renewables ¹	337	315	305	305	293	296	296	299	3.0	2.2
Pumped Storage.....	-	1,650	1,650	1,643	1,643	1,643	1,643	1,643	-	12.1
Total Electric Industry.....	11,328	11,842	12,159	13,877	14,002	13,969	13,932	13,557	100.0	100.0
Coal.....	1,747	1,645	1,689	1,659	1,723	1,743	1,743	1,744	15.4	12.9
Petroleum.....	4,221	3,558	4,235	3,780	3,242	3,241	3,219	3,137	37.3	23.1
Natural Gas.....	2,441	3,761	3,360	5,544	6,157	6,102	6,089	5,789	21.5	42.7
Nuclear.....	669	667	667	685	685	685	685	685	5.9	5.1
Hydroelectric.....	261	246	253	261	260	260	259	259	2.3	1.9
Other Renewables ¹	337	315	305	305	293	296	296	301	3.0	2.2
Pumped Storage.....	1,652	1,650	1,650	1,643	1,643	1,643	1,643	1,643	14.6	12.1

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Massachusetts										
Electric Utilities.....	33,898,697	1,566,491	1,156,651	2,055,622	1,524,169	1,622,208	942,917	493,885	75.4	1.0
Coal.....	12,488,802	1,096,681	-	1,074,514	903,789	1,025,141	-	-	27.8	-
Petroleum.....	11,586,081	131,797	220,435	517,767	290,865	189,211	29,031	58,456	25.8	0.1
Natural Gas.....	5,213,021	218,432	728,570	234,942	98,542	118,034	326,418	250,259	11.6	0.5
Nuclear.....	4,310,431	-	-	-	-	-	-	-	9.6	-
Hydroelectric.....	788,540	119,581	207,646	228,399	230,973	289,822	587,468	185,169	1.8	0.4
Pumped Storage.....	-488,178	-	-	-	-	-	-	-	-1.1	-
Independent Power Producers and Combined Heat and Power.....	11,066,631	36,911,943	40,871,166^R	46,329,402	45,976,314^R	45,893,235	44,654,858	46,582,090	24.6	99.0
Coal.....	37,654	9,954,652	11,502,861	9,821,976	9,622,573 ^R	11,008,406	11,138,341 ^R	12,024,347	0.1	25.5
Petroleum.....	226,336	8,379,775	6,579,859	6,941,271	7,242,293 ^R	6,837,233 ^R	2,299,215 ^R	2,993,148	0.5	6.4
Natural Gas.....	8,413,149	11,478,572	15,140,404	22,188,989	20,873,179 ^R	20,251,433 ^R	22,980,258 ^R	24,674,784	18.7	52.4
Nuclear.....	-	5,144,033	5,768,766	4,977,955	5,938,600	5,475,057	5,829,658	5,119,789	-	10.9
Hydroelectric.....	243,147	582,924	667,430 ^R	846,783	767,308	752,128	925,177	612,313	0.5	1.3
Other Renewables ¹	2,146,345	1,312,787	1,272,142	1,253,123	1,229,900 ^R	1,258,315 ^R	1,278,829	1,240,224	4.8	2.6
Pumped Storage.....	-	-711,349	-842,801	-510,929	-498,326	-461,643	-578,898	-830,547	-	-1.8
Other ²	-	770,549	782,504	810,234	800,786	772,307	782,278	748,033	-	1.6
Total Electric Industry.....	44,965,328	38,478,434	42,027,817^R	48,385,024	47,500,483^R	47,515,443	45,597,775	47,075,975	100.0	100.0
Coal.....	12,526,456	11,051,333	11,502,861	10,896,490	10,526,362 ^R	12,033,547	11,138,341 ^R	12,024,347	27.9	25.5
Petroleum.....	11,812,417	8,511,572	6,800,294	7,459,038	7,533,158 ^R	7,026,444 ^R	2,328,246 ^R	3,051,604	26.3	6.5
Natural Gas.....	13,626,170	11,697,004	15,868,974	22,423,931	20,971,721 ^R	20,369,467 ^R	23,306,676 ^R	24,925,043	30.3	52.9
Nuclear.....	4,310,431	5,144,033	5,768,766	4,977,955	5,938,600	5,475,057	5,829,658	5,119,789	9.6	10.9
Hydroelectric.....	1,031,687	702,505	875,076 ^R	1,075,182	998,281	1,041,950	1,512,645	797,482	2.3	1.7
Other Renewables ¹	2,146,345	1,312,787	1,272,142	1,253,123	1,229,900 ^R	1,258,315 ^R	1,278,829	1,240,224	4.8	2.6
Pumped Storage.....	-488,178	-711,349	-842,801	-510,929	-498,326	-461,643	-578,898	-830,547	-1.1	-1.8
Other ²	-	770,549	782,504	810,234	800,786	772,307	782,278	748,033	-	1.6

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Massachusetts								
Coal (cents per million Btu)	170	-	W	W	197	W	278	278
Average heat value (Btu per pound).....	12,571	-	12,482	12,200	11,793	11,728	11,546	11,595
Average sulfur Content (percent)	0.72	-	0.66	1.14	0.55	0.50	0.49	0.45
Petroleum (cents per million Btu)	261	494	355	463	450	709	796	912
Average heat value (Btu per gallon).....	151,640	150,000	151,755	149,850	148,871	147,900	149,288	150,964
Average sulfur Content (percent)	1.07	0.29	0.89	0.80	0.83	0.81	0.74	0.57
Natural Gas (cents per million Btu).....	301	347	351	534	639	931	731	789
Average heat value (Btu per cubic foot).....	1,033	1,030	1,024	1,032	1,035	1,033	1,033	1,036

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Massachusetts								
Sulfur Dioxide								
Coal.....	72 ^R	55	53	48	41	43	36	38
Petroleum.....	62 ^R	40	31	34	35	33	13	13
Natural Gas	*	*	*	*	*	*	*	*
Other Renewables ¹	*	*	*	*	*	*	*	*
Other ²	2 ^R	*	*	*	*	*	*	*
Total	136 ^R	96 ^R	85 ^R	82 ^R	76 ^R	76 ^R	49 ^R	51
Nitrogen Oxide								
Coal.....	21 ^R	17	17	15	14	14	9	8
Petroleum.....	18 ^R	10	8	10	9	7	3	2
Natural Gas	15 ^R	6	7	5	4	4	4	4
Other Renewables ¹	1 ^R	4						
Other ²	7 ^R	2						
Total	62 ^R	40 ^R	39 ^R	37 ^R	33 ^R	31 ^R	22 ^R	20
Carbon Dioxide								
Coal.....	11,271	10,014	10,709	9,964	9,605	10,900	10,305	11,036
Petroleum.....	9,175	7,342	5,702	6,396	6,157	5,794	2,272	2,672
Natural Gas	6,974	5,919	7,459	9,585	9,005	8,844	9,851	10,616
Other ²	1,307 ^R	1,281 ^R	1,214 ^R	1,256 ^R	1,286 ^R	1,283 ^R	1,280 ^R	1,215
Total	28,727 ^R	24,557 ^R	25,084 ^R	27,200 ^R	26,053 ^R	26,822 ^R	23,708 ^R	25,539

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Massachusetts										
Retail Sales (thousand megawatthours)										
Residential	16,278	17,984	18,695	19,591	19,769	20,539	19,624	20,138	34.0	35.2
Commercial	20,834	24,127	24,250	25,648	26,020	26,415	26,237	27,148	43.5	47.5
Industrial	10,148	9,757	10,087	9,984	9,947	9,871	9,602	9,450	21.2	16.5
Other ¹	622	629	676	NA	NA	NA	NA	NA	1.3	--
Transportation.....	NA	NA	NA	292	406	402	386	403	--	0.7
All Sectors	47,882	52,496	53,708	55,514	56,142	57,228	55,850	57,139	100.0	100.0
Retail Revenue (million dollars).....										
Residential	1,887	2,243	2,043	2,272	2,323	2,760	3,257	3,269	37.7	37.7
Commercial	2,145	2,807	2,430	2,687	2,858	3,282	4,078	4,127	42.9	47.6
Industrial	882	915	841	891	844	910	1,252	1,231	17.6	14.2
Other ¹	90	98	89	NA	NA	NA	NA	NA	1.8	--
Transportation.....	NA	NA	NA	12	19	19	41	37	--	0.4
All Sectors	5,003	6,062	5,404	5,862	6,045	6,971	8,628	8,664	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	11.59	12.47	10.93	11.60	11.75	13.44	16.60	16.23	--	--
Commercial	10.29	11.64	10.02	10.48	10.99	12.42	15.54	15.20	--	--
Industrial	8.78	9.37	8.34	8.93	8.48	9.22	13.04	13.03	--	--
Other ¹	14.49	15.52	13.11	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	4.09	4.65	4.80	10.68	9.24	--	--
All Sectors	10.48	11.55	10.06	10.56	10.77	12.18	15.45	15.16	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Massachusetts								
Number of Entities.....	5	41	NA	NA	1	18	6	71
Number of Retail Customers	2,316,121	393,163	NA	NA	1	325,643	NA	3,034,928
Retail Sales (thousand megawatthours).....	24,961	8,035	NA	NA	302	23,841	NA	57,139
Percentage of Retail Sales	43.68	14.06	--	--	0.53	41.73	--	100.00
Revenue from Retail Sales (million dollars)	4,150	945	NA	NA	42	2,479	1,048	8,664
Percentage of Revenue	47.90	10.91	--	--	0.48	28.61	12.10	100.00
Average Retail Price (cents/kWh).....	16.63	11.76	NA	NA	13.83	10.40	4.40	15.16

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Massachusetts								
Supply								
Generation								
Electric Utilities.....	33,899	1,566	1,157	2,056	1,524	1,622	943	494
Independent Power Producers	3,560	30,176	34,031 ^R	40,102	41,036	42,122	41,847	43,406
Combined Heat and Power, Electric	6,647	5,769	5,852	5,378	4,053	2,896	1,938	2,400
Electric Power Sector Generation Subtotal	44,105	37,511	41,040^R	47,536	46,614	46,640	44,728	46,300
Combined Heat and Power, Commercial	347	558	575	514	573	590	574	503
Combined Heat and Power, Industrial.....	513	409	413	335	314	286	296	273
Industrial and Commercial Generation Subtotal.....	861	967	987	849	887	876	869	776
Total Net Generation.....	44,965	38,478	42,028^R	48,385	47,500	47,515	45,598	47,076
Total International Imports.....	1,863	1,137	497	274	512	708	697^R	935
Total Supply	46,828	39,615	42,525^R	48,659	48,013	48,223	46,294^R	48,011
Disposition								
Retail Sales								
Full Service Providers	47,659	48,989	43,880	45,457	43,287	41,357	34,795	32,996
Energy-Only Providers.....	223	3,507	9,828	9,739	12,551	15,854	21,055	23,841
Facility Direct Retail Sales.....	-	-	-	318	304	17	-	302
Total Electric Industry Retail Sales.....	47,882	52,496	53,708	55,514	56,142	57,228	55,850	57,139
Direct Use	1,065	2,371	2,422	2,453	2,456	1,164	912	1,388
Total International Exports.....	-	-	-	61	32	94	116	201
Estimated Losses.....	3,415	2,750	2,447	2,283^R	2,209	2,324	4,000	3,684
Total Disposition	52,362	57,617	58,577	60,311^R	60,839	60,810	60,878	62,412
Net Interstate Trade	-5,534	-18,002	-16,052^R	-11,652^R	-12,826	-12,587	-14,584^R	-14,401
Net Trade Index (ratio)	0.89	0.69	0.73	0.81	0.79	0.79	0.76	0.77

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Michigan		
NERC Region(s).....		MRO/RFC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	30,305	10
Electric Utilities.....	21,894	9
Independent Power Producers & Combined Heat and Power.....	8,411	12
Net Generation (megawatthours).....	119,309,936	12
Electric Utilities.....	96,785,842	9
Independent Power Producers & Combined Heat and Power.....	22,524,095	16
Emissions (thousand metric tons)		
Sulfur Dioxide	353	8
Nitrogen Oxide.....	117	11
Carbon Dioxide.....	79,090	11
Sulfur Dioxide (lbs/MWh)	6.5	11
Nitrogen Oxide (lbs/MWh)	2.2	25
Carbon Dioxide (lbs/MWh).....	1,461	20
Total Retail Sales (megawatthours).....	109,296,749	12
Full Service Provider Sales (megawatthours)	105,004,056	11
Deregulated Sales (megawatthours).....	4,292,693	12
Direct Use (megawatthours)	2,906,899	13
Average Retail Price (cents/kWh).....	8.53	20

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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	2,069
3. Ludington.....	Pumped Storage	Consumers Energy Co	1,872
4. Midland Cogeneration Venture	Gas	Midland Cogeneration Venture	1,837
5. Dan E Karn	Coal	Consumers Energy Co	1,791
6. Belle River.....	Coal	Detroit Edison Co	1,499
7. J H Campbell	Coal	Consumers Energy Co	1,453
8. St Clair.....	Coal	Detroit Edison Co	1,393
9. Fermi.....	Nuclear	Detroit Edison Co	1,173
10. Covert Generating Project	Gas	New Covert Generating Company LLC	1,058

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Detroit Edison Co.....	Investor-Owned	48,816,410	16,146,745	19,331,833	13,337,832	-
2. Consumers Energy Co.....	Investor-Owned	36,973,716	13,205,445	12,596,935	11,171,336	-
3. Indiana Michigan Power Co.....	Investor-Owned	3,116,069	1,260,537	846,974	1,008,558	-
4. Wisconsin Electric Power Co.....	Investor-Owned	2,845,921	169,766	159,861	2,516,294	-
5. Lansing City of.....	Public	2,266,251	603,569	1,223,110	439,572	-
Total Sales, Top Five Providers.....		94,018,367	31,386,062	34,158,713	28,473,592	-
Percent of Total State Sales.....		86	89	85	84	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Michigan										
Electric Utilities.....	21,909	22,831	23,279	23,345	23,314	23,029	22,734	21,894	88.1	72.2
Coal.....	11,796	11,638	11,627	11,636	11,623	11,633	11,534	11,533	47.5	38.1
Petroleum.....	2,617	1,860	1,654	1,685	1,649	1,647	1,397	616	10.5	2.0
Natural Gas.....	1,435	3,302	3,958	3,964	3,982	3,669	3,695	4,461	5.8	14.7
Other Gases ¹	11	-	-	-	-	-	-	-	*	-
Nuclear.....	3,922	3,931	3,938	3,971	3,971	3,982	4,006	3,191	15.8	10.5
Hydroelectric.....	257	228	229	218	217	225	229	221	1.0	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.....	2,950	4,053	6,056	7,104	7,133	7,393	7,456	8,411	11.9	27.8
Coal.....	636	291	354	354	354	349	325	378	2.6	1.2
Petroleum.....	2	11	50	52	70	27	102	57	*	0.2
Natural Gas.....	1,860	3,270	5,238	6,303	6,315	6,618	6,628	6,781	7.5	22.4
Other Gases ¹	-	-	-	-	-	5	12	-	-	-
Nuclear.....	-	-	-	-	-	-	-	778	-	2.6
Hydroelectric.....	26	25	27	27	27	28	28	28	0.1	0.1
Other Renewables ²	426	455	388	368	367	367	361	390	1.7	1.3
Total Electric Industry.....	24,859	26,884	29,335	30,450	30,447	30,422	30,189	30,305	100.0	100.0
Coal.....	12,432	11,929	11,981	11,989	11,976	11,982	11,860	11,910	50.0	39.3
Petroleum.....	2,620	1,872	1,704	1,737	1,719	1,675	1,499	673	10.5	2.2
Natural Gas.....	3,295	6,572	9,196	10,268	10,296	10,286	10,322	11,242	13.3	37.1
Other Gases ¹	11	-	-	-	-	5	12	-	*	-
Nuclear.....	3,922	3,931	3,938	3,971	3,971	3,982	4,006	3,969	15.8	13.1
Hydroelectric.....	282	253	257	245	245	253	257	249	1.1	0.8
Other Renewables ²	426	455	388	368	367	367	361	390	1.7	1.3
Pumped Storage.....	1,872	1,872	1,872	1,872	1,872	1,872	1,872	1,872	7.5	6.2

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Michigan										
Electric Utilities.....	89,564,616	97,067,330	100,451,718	96,634,055	99,608,512	104,830,689	97,373,706	96,785,842	83.7	81.1
Coal.....	65,552,021	66,931,691	65,389,899	66,448,916	67,253,690	69,158,736	66,654,737	69,406,550	61.3	58.2
Petroleum.....	602,053	724,313	1,090,767	883,847	714,881	788,563	272,106	445,915	0.6	0.4
Natural Gas.....	838,412	2,362,038	2,336,031	1,098,627	735,011	1,717,091	982,534	1,079,596	0.8	0.9
Other Gases ¹	-	-	-	-	1,082	-	18,854	105,130	-	0.1
Nuclear.....	21,913,808	26,710,782	31,087,454	27,953,563	30,561,961	32,871,574	29,066,165	25,690,938	20.5	21.5
Hydroelectric.....	1,592,707	1,450,093	1,557,942	1,242,987	1,420,178	1,355,963	1,381,242	1,146,768	1.5	1.0
Other Renewables ²	-	-	-	-	-	-	-	54	-	*
Pumped Storage.....	-934,385	-1,126,837	-1,035,560	-1,017,246	-1,112,984	-1,106,241	-1,039,210	-1,129,241	-0.9	-0.9
Other ³	-	15,250	25,185	23,361	34,693	45,003	37,278	40,131	-	*
Independent Power Producers and Combined Heat and Power.....	17,406,143	14,778,280	17,437,369	14,713,005	18,878,757	16,789,082	15,183,032	22,524,095	16.3	18.9
Coal.....	1,892,829	1,331,473	1,309,609	1,328,567	1,352,329 ^R	1,164,240 ^R	1,125,424 ^R	1,404,048	1.8	1.2
Petroleum.....	155,600	25,574	12,718	180,046	181,528 ^R	88,996 ^R	129,781 ^R	252,610	0.1	0.2
Natural Gas.....	12,549,900	10,811,473	13,517,387	10,275,917	13,812,692 ^R	12,046,801 ^R	10,427,421 ^R	12,061,388	11.7	10.1
Other Gases ¹	959	5,614	10,108	2,193	597,665 ^R	372,119 ^R	393,493 ^R	177,284	*	0.1
Nuclear.....	-	-	-	-	-	-	-	5,826,015	-	4.9
Hydroelectric.....	119,757	111,830	111,310	142,837	119,406	105,745	139,111	123,221	0.1	0.1
Other Renewables ²	2,668,976	2,361,663	2,220,005	2,497,694	2,558,448 ^R	2,494,323 ^R	2,442,559 ^R	2,416,692	2.5	2.0
Other ³	18,122	130,653	256,232	285,751	256,688 ^R	516,858 ^R	525,244 ^R	262,835	*	0.2
Total Electric Industry.....	106,970,759	111,845,610	117,889,087	111,347,060	118,487,269	121,619,771	112,556,739	119,309,936	100.0	100.0
Coal.....	67,444,850	68,263,164	66,699,508	67,777,483	68,606,019 ^R	70,322,976 ^R	67,780,161 ^R	70,810,599	63.0	59.4
Petroleum.....	757,653	749,887	1,103,485	1,063,893	896,409 ^R	877,559 ^R	401,887 ^R	698,525	0.7	0.6
Natural Gas.....	13,388,312	13,173,511	15,853,418	11,374,544	14,547,703 ^R	13,763,892 ^R	11,409,955 ^R	13,140,984	12.5	11.0
Other Gases ¹	959	5,614	10,108	2,193	598,747 ^R	372,119 ^R	412,347 ^R	282,414	*	0.2
Nuclear.....	21,913,808	26,710,782	31,087,454	27,953,563	30,561,961	32,871,574	29,066,165	31,516,953	20.5	26.4
Hydroelectric.....	1,712,464	1,561,923	1,669,252	1,385,824	1,539,584	1,461,708	1,520,353	1,269,989	1.6	1.1
Other Renewables ²	2,668,976	2,361,663	2,220,005	2,497,694	2,558,448 ^R	2,494,323 ^R	2,442,559 ^R	2,416,747	2.5	2.0
Pumped Storage.....	-934,385	-1,126,837	-1,035,560	-1,017,246	-1,112,984	-1,106,241	-1,039,210	-1,129,241	-0.9	-0.9
Other ³	18,122	145,903	281,417	309,112	291,381 ^R	561,861 ^R	562,522 ^R	302,966	*	0.3

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	137	127	W	134	139	158	168	172
Average heat value (Btu per pound).....	10,566	10,235	10,255	10,123	9,967	10,021	9,975	9,920
Average sulfur Content (percent)	0.67	0.57	0.57	0.57	0.53	0.56	0.56	0.54
Petroleum (cents per million Btu).....	309	398	274	W	W	W	W	W
Average heat value (Btu per gallon).....	135,205	148,810	144,917	146,845	146,540	145,714	144,829	144,798
Average sulfur Content (percent).....	1.32	1.37	1.88	1.67	1.45	1.74	1.74	1.84
Natural Gas (cents per million Btu).....	256	383	352	386	436	556	601	656
Average heat value (Btu per cubic foot).....	310	990	1,007	1,015	1,018	1,013	1,009	1,014

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Michigan								
Sulfur Dioxide								
Coal.....	399 ^R	336	325	335	322	329	315	325
Petroleum.....	19 ^R	26	24	24	24	26	6	23
Natural Gas	*	*	*	*	*	*	*	*
Other Gases.....	-	* ^R	* ^R	-	-	* ^R	* ^R	-
Other Renewables ¹	5 ^R	6 ^R	4 ^R	4 ^R	4 ^R	4 ^R	5 ^R	4
Other ²	1 ^R	*	4 ^R	1				
Total.....	424 ^R	368 ^R	357 ^R	364 ^R	351 ^R	360 ^R	327 ^R	353
Nitrogen Oxide								
Coal.....	173 ^R	136	122	115	106	104	96	99
Petroleum.....	4 ^R	4	3	4	4	4	1	4
Natural Gas	19 ^R	17	16	6	5	5	5	5
Other Gases.....	* ^R	*	*	*	*	*	*	*
Other Renewables ¹	8 ^R	8 ^R	8 ^R	9				
Other ²	2 ^R	1 ^R	3 ^R	1				
Total.....	206 ^R	166 ^R	152 ^R	134 ^R	124 ^R	123 ^R	113 ^R	117
Carbon Dioxide								
Coal.....	66,468	68,240	64,386	65,212	67,917	69,834	67,419	70,431
Petroleum.....	1,228	790	1,068	1,479	1,419	899	485	1,222
Natural Gas	8,206	7,503	8,264	5,974	7,577	7,450	7,176	6,884
Other ²	498 ^R	250 ^R	578 ^R	586 ^R	540 ^R	542 ^R	554 ^R	554
Total.....	76,400 ^R	76,782 ^R	74,295 ^R	73,251 ^R	77,462 ^R	78,726 ^R	75,633 ^R	79,090

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Michigan										
Retail Sales (thousand megawatthours)										
Residential	28,726	32,305	34,336	33,669	33,104	36,095	34,622	35,366	29.5	32.4
Commercial	32,411	35,025	35,880	35,391	38,632	39,600	39,299	40,047	33.3	36.6
Industrial	35,430	34,174	33,537	39,813	34,867	34,745	34,093	33,879	36.4	31.0
Other ¹	824	905	960	NA	NA	NA	NA	NA	0.8	--
Transportation.....	NA	NA	NA	3	3	5	4	5	--	*
All Sectors	97,391	102,409	104,714	108,877	106,606	110,445	108,018	109,297	100.0	100.0
Retail Revenue (million dollars).....										
Residential	2,462	2,667	2,845	2,813	2,759	3,033	3,382	3,612	35.9	38.8
Commercial	2,540	2,640	2,794	2,672	2,925	3,105	3,345	3,514	37.1	37.7
Industrial	1,761	1,738	1,684	1,976	1,717	1,850	2,061	2,192	25.7	23.5
Other ¹	90	94	100	NA	NA	NA	NA	NA	1.3	--
Transportation.....	NA	NA	NA	*	*	1	*	*	--	*
All Sectors	6,852	7,139	7,423	7,461	7,401	7,988	8,788	9,318	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	8.57	8.26	8.28	8.35	8.33	8.40	9.77	10.21	--	--
Commercial	7.84	7.54	7.79	7.55	7.57	7.84	8.51	8.77	--	--
Industrial	4.97	5.08	5.02	4.96	4.92	5.32	6.05	6.47	--	--
Other ¹	10.88	10.38	10.43	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	8.21	7.89	13.07	10.06	9.76	--	--
All Sectors	7.04	6.97	7.09	6.85	6.94	7.23	8.14	8.53	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Michigan								
Number of Entities.....	9	41	NA	10	2	11	2	75
Number of Retail Customers	4,226,261	306,851	NA	293,682	2	2,945	NA	4,829,741
Retail Sales (thousand megawatthours).....	93,346	7,956	NA	3,224	478	4,293	NA	109,297
Percentage of Retail Sales	85.41	7.28	--	2.95	0.44	3.93	--	100.00
Revenue from Retail Sales (million dollars)	8,023	620	NA	339	30	244	63	9,318
Percentage of Revenue	86.10	6.66	--	3.63	0.32	2.62	0.67	100.00
Average Retail Price (cents/kWh).....	8.53	7.80	NA	10.50	6.31	5.68	1.46	8.53

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Michigan								
Supply								
Generation								
Electric Utilities.....	89,565	97,067	100,452	96,634	99,609	104,831	97,374	96,786
Independent Power Producers	1,679	2,399	5,031	2,302	2,560	4,337	3,859	11,028
Combined Heat and Power, Electric	12,288	10,502	10,138	9,917	13,904	10,161	9,077	9,327
Electric Power Sector Generation Subtotal	103,532	109,968	115,620	108,853	116,073	119,329	110,310	117,141
Combined Heat and Power, Commercial	636	239	477	504	536	535	515	627
Combined Heat and Power, Industrial.....	2,803	1,638	1,792	1,990	1,878	1,756	1,731	1,542
Industrial and Commercial Generation Subtotal.....	3,439	1,878	2,269	2,494	2,414	2,291	2,246	2,169
Total Net Generation.....	106,971	111,846	117,889	111,347	118,487	121,620	112,557	119,310
Total International Imports.....	3,384	74	240	1,253	2,054	1,681	357	1,682
Total Supply	110,355	111,920	118,129	112,600	120,542	123,301	112,914	120,992
Disposition								
Retail Sales								
Full Service Providers	97,391	101,777	100,213	96,659	92,097	98,603	101,899	104,526
Energy-Only Providers.....	-	633	4,500	10,112	13,991	11,334	5,619	4,293
Facility Direct Retail Sales.....	-	-	-	2,106	518	508	499	478
Total Electric Industry Retail Sales.....	97,391	102,409	104,714	108,877	106,606	110,445	108,018	109,297
Direct Use	4,098	2,821	2,883	2,919	2,922	2,584	2,354	2,907
Total International Exports.....	2,004	2,176	2,474	4,818	5,258	4,380	2,474	2,888
Estimated Losses.....	6,947	5,603	7,528	6,211^R	7,865	7,937	8,259	8,436
Total Disposition	110,440	113,009	117,599	122,825^R	122,652	125,346	121,104	123,527
Net Interstate Trade	-85	-1,089	531	-10,225^R	-2,110	-2,046^R	-8,190	-2,536
Net Trade Index (ratio)	1.00	0.99	1.00	0.92	0.98	0.98	0.93	0.98

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Minnesota		
NERC Region(s).....		MRO
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	12,890	29
Electric Utilities.....	10,719	24
Independent Power Producers & Combined Heat and Power.....	2,171	33
Net Generation (megawatthours).....	54,477,646	27
Electric Utilities.....	47,793,039	20
Independent Power Producers & Combined Heat and Power.....	6,684,608	36
Emissions (thousand metric tons)		
Sulfur Dioxide	89	25
Nitrogen Oxide.....	84	16
Carbon Dioxide.....	37,706	28
Sulfur Dioxide (lbs/MWh)	3.6	25
Nitrogen Oxide (lbs/MWh)	3.4	9
Carbon Dioxide (lbs/MWh).....	1,526	18
Total Retail Sales (megawatthours).....	68,231,182	23
Full Service Provider Sales (megawatthours)	68,231,182	22
Direct Use (megawatthours)	1,596,657	23
Average Retail Price (cents/kWh).....	7.44	30

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Minnesota			
1. Sherburne County.....	Coal	Northern States Power Co	2,258
2. Prairie Island.....	Nuclear	Northern States Power Co	1,096
3. Clay Boswell.....	Coal	Minnesota Power Inc	917
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	555
7. Lakefield Junction	Gas	Great River Energy	502
8. Blue Lake.....	Gas	Northern States Power Co	490
9. Pleasant Valley	Gas	Great River Energy	420
10. Riverside.....	Coal	Northern States Power Co	371

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Minnesota						
1. Northern States Power Co	Investor-Owned	32,490,770	9,125,084	13,939,156	9,405,484	21,046
2. Minnesota Power Inc	Investor-Owned	9,001,242	1,051,453	1,327,738	6,622,051	-
3. Otter Tail Power Co.....	Investor-Owned	2,131,175	548,167	1,070,092	512,916	-
4. Connexus Energy.....	Cooperative	2,072,661	1,220,092	732,494	120,075	-
5. Dakota Electric Association	Cooperative	1,897,654	972,616	54,072	870,966	-
Total Sales, Top Five Providers		47,593,502	12,917,412	17,123,552	17,531,492	21,046
Percent of Total State Sales		70	57	76	76	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Minnesota										
Electric Utilities.....	9,216	10,110	10,329	10,162	10,179	10,543	10,458	10,719	90.6	83.2
Coal.....	5,811	5,729	5,726	5,342	5,260	5,087	5,083	5,048	57.1	39.2
Petroleum.....	1,102	1,051	1,020	669	699	711	718	728	10.8	5.6
Natural Gas	464	1,373	1,637	2,276	2,336	2,852	2,719	2,974	4.6	23.1
Nuclear.....	1,572	1,646	1,646	1,613	1,613	1,617	1,668	1,668	15.4	12.9
Hydroelectric	142	132	134	133	133	133	132	133	1.4	1.0
Other Renewables ¹	126	179	166 ^R	129	138	143	137	167	1.2	1.3
Independent Power Producers and Combined Heat and Power	961	965	958	1,323	1,372	1,562	2,194	2,171	9.4	16.8
Coal.....	349	157	158	358	361	358	361	159	3.4	1.2
Petroleum.....	22	29	29	26	27	28	28	36	0.2	0.3
Natural Gas	328	317	306	306	305	305	805	605	3.2	4.7
Hydroelectric	72	42	42	43	43	43	43	43	0.7	0.3
Other Renewables ¹	191	410	412 ^R	579	626	817	946	1,315	1.9	10.2
Other ²	-	11	11	11	11	11	11	13	-	0.1
Total Electric Industry.....	10,177	11,075	11,287	11,485	11,551	12,105	12,651	12,890	100.0	100.0
Coal.....	6,159	5,886	5,885	5,701	5,621	5,446	5,444	5,207	60.5	40.4
Petroleum.....	1,123	1,080	1,049	696	726	739	746	764	11.0	5.9
Natural Gas	791	1,690	1,942	2,581	2,641	3,157	3,524	3,579	7.8	27.8
Nuclear.....	1,572	1,646	1,646	1,613	1,613	1,617	1,668	1,668	15.4	12.9
Hydroelectric	214	173	176	176	176	176	175	176	2.1	1.4
Other Renewables ¹	317	588	578	708	763	960	1,083	1,483	3.1	11.5
Other ²	-	11	11	11	11	11	11	13	-	0.1

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Minnesota										
Electric Utilities.....	40,302,526	44,798,014	48,568,719	49,576,276	47,232,462	46,791,349	46,710,674	47,793,039	93.2	87.7
Coal.....	27,081,067	31,037,544	32,200,713	33,157,032	31,477,117	30,514,512	30,600,302	31,199,099	62.6	57.3
Petroleum.....	763,764	599,557	640,129	845,239	752,362	752,774	484,235	362,765	1.8	0.7
Natural Gas.....	511,966	371,643	897,018	1,072,867	923,557	1,706,322	1,629,343	2,143,250	1.2	3.9
Other Gases ¹	-	-	-	-	-	-	-	25,844	-	*
Nuclear.....	10,819,172	11,789,027	13,684,824	13,413,828	13,295,502	12,835,219	13,183,418	13,103,000	25.0	24.1
Hydroelectric.....	697,224	619,404	736,795	686,227	549,598	574,680	426,960	504,387	1.6	0.9
Other Renewables ²	429,333	217,078	229,176	220,598	137,351	237,425	231,429	291,311	1.0	0.5
Other ³	-	163,761	180,064	180,485	96,975	170,417	154,987	163,383	-	0.3
Independent Power Producers and Combined Heat and Power.....	2,937,769	3,725,212	4,209,248	5,474,720	5,131,665	6,227,645	6,527,115	6,684,608	6.8	12.3
Coal.....	1,520,638	781,619	1,719,496	2,498,497	2,523,091 ^R	2,435,333 ^R	2,470,149 ^R	991,273	3.5	1.8
Petroleum.....	73,623	25,499	12,662	27,826	31,088 ^R	23,535 ^R	9,953 ^R	41,834	0.2	0.1
Natural Gas.....	260,798	827,934	694,936	771,569	534,027 ^R	1,000,944 ^R	931,454 ^R	1,699,226	0.6	3.1
Hydroelectric.....	337,473	212,214	72,289	128,346	188,713	200,049	144,770	149,435	0.8	0.3
Other Renewables ²	745,237	1,760,034	1,557,511	1,900,033	1,659,699 ^R	2,414,683 ^R	2,827,455 ^R	3,641,327	1.7	6.7
Other ³	-	117,912	152,354	148,450	195,047 ^R	153,101 ^R	143,334 ^R	161,512	-	0.3
Total Electric Industry.....	43,240,295	48,523,226	52,777,967	55,050,996	52,364,127	53,018,995	53,237,789	54,477,646	100.0	100.0
Coal.....	28,601,705	31,819,163	33,920,209	35,655,529	34,000,208 ^R	32,949,845 ^R	33,070,451 ^R	32,190,373	66.1	59.1
Petroleum.....	837,387	625,056	652,791	873,065	783,450 ^R	776,309 ^R	494,188 ^R	404,599	1.9	0.7
Natural Gas.....	772,764	1,199,577	1,591,954	1,844,436	1,457,584 ^R	2,707,267 ^R	2,560,797 ^R	3,842,477	1.8	7.1
Other Gases ¹	-	-	-	-	-	-	-	25,844	-	*
Nuclear.....	10,819,172	11,789,027	13,684,824	13,413,828	13,295,502	12,835,219	13,183,418	13,103,000	25.0	24.1
Hydroelectric.....	1,034,697	831,618	809,084	814,573	738,311	774,729	571,730	653,822	2.4	1.2
Other Renewables ²	1,174,570	1,977,113	1,786,687	2,120,631	1,797,050 ^R	2,652,108 ^R	3,058,884 ^R	3,932,638	2.7	7.2
Other ³	-	281,672	332,418	328,935	292,021 ^R	323,518 ^R	298,320 ^R	324,895	-	0.6

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	109	102	W	W	W	W	W	W
Average heat value (Btu per pound).....	8,895	8,930	8,860	8,895	8,914	8,909	8,911	8,853
Average sulfur Content (percent)	0.45	0.47	0.45	0.46	0.44	0.44	0.44	0.45
Petroleum (cents per million Btu).....	78	65	60	W	W	W	W	W
Average heat value (Btu per gallon).....	72,267	132,857	131,267	133,093	134,967	133,848	134,976	132,929
Average sulfur Content (percent)	5.41	5.43	5.76	5.72	5.38	5.45	5.99	4.84
Natural Gas (cents per million Btu).....	244	521	W	W	W	W	W	W
Average heat value (Btu per cubic foot).....	1,004	1,000	1,007	1,007	1,008	1,012	1,008	1,018

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Minnesota								
Sulfur Dioxide								
Coal.....	100 ^R	70	83	83	86	82	80	78
Petroleum.....	*	17	14	27	17	15	10	7
Natural Gas	* ^R	*	*	*	*	*	*	*
Other Renewables ¹	8 ^R	3 ^R	4 ^R	3 ^R	4 ^R	4 ^R	4 ^R	4
Other ²	*	*	*	*	*	*	*	*
Total.....	108 ^R	91 ^R	101 ^R	113 ^R	108 ^R	101 ^R	94 ^R	89
Nitrogen Oxide								
Coal.....	91 ^R	77	80	87	83	76	76	74
Petroleum.....	1 ^R	2	2	3	3	2	2	2
Natural Gas	2	2	2	2	2	3	3	3
Other Gases.....	-	-	-	-	-	-	-	1
Other Renewables ¹	4 ^R	3 ^R	4 ^R	3 ^R	3 ^R	3 ^R	3 ^R	4
Other ²	1 ^R	1						
Total.....	99 ^R	85 ^R	89 ^R	97 ^R	92 ^R	86 ^R	85 ^R	84
Carbon Dioxide								
Coal.....	32,674	33,858	35,004	37,068	36,012	35,794	34,916	34,586
Petroleum.....	866	687	654	881	826	798	544	416
Natural Gas	915	1,079	1,158	1,221	1,121	1,787	1,637	2,194
Other ²	209 ^R	326 ^R	493 ^R	487 ^R	360 ^R	500 ^R	467 ^R	511
Total.....	34,664 ^R	35,950 ^R	37,309 ^R	39,658 ^R	38,318 ^R	38,879 ^R	37,565 ^R	37,706

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Minnesota										
Retail Sales (thousand megawatthours)										
Residential	17,073	19,400	20,451	20,638	20,507	21,743	21,909	22,646	30.7	33.2
Commercial	10,137	19,799	19,457	20,533	20,407	21,985	22,175	22,523	18.2	33.0
Industrial	27,713	20,767	21,515	21,916	22,415	22,266	22,664	23,041	49.8	33.8
Other ¹	750	721	740	NA	NA	NA	NA	NA	1.3	--
Transportation.....	NA	NA	NA	NA	11	25	21	21	--	*
All Sectors	55,674	60,687	62,162	63,087	63,340	66,019	66,770	68,231	100.0	100.0
Retail Revenue (million dollars).....										
Residential	1,235	1,476	1,531	1,579	1,624	1,799	1,905	2,078	39.6	41.0
Commercial	632	1,193	1,143	1,257	1,287	1,448	1,556	1,684	20.2	33.2
Industrial	1,201	902	875	955	1,038	1,118	1,198	1,311	38.5	25.8
Other ¹	53	54	54	NA	NA	NA	NA	NA	1.7	--
Transportation.....	NA	NA	NA	NA	1	2	2	2	--	*
All Sectors	3,121	3,626	3,604	3,791	3,950	4,366	4,662	5,075	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.23	7.61	7.49	7.65	7.92	8.28	8.70	9.18	--	--
Commercial	6.23	6.03	5.88	6.12	6.31	6.59	7.02	7.48	--	--
Industrial	4.33	4.34	4.07	4.36	4.63	5.02	5.29	5.69	--	--
Other ¹	7.12	7.43	7.36	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	NA	6.75	6.21	7.95	8.27	--	--
All Sectors	5.61	5.97	5.80	6.01	6.24	6.61	6.98	7.44	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Minnesota								
Number of Entities.....	5	125	1	46	1	NA	NA	178
Number of Retail Customers	1,444,200	357,060	69	740,718	11	NA	NA	2,542,058
Retail Sales (thousand megawatthours).....	44,463	9,752	60	13,950	6	NA	NA	68,231
Percentage of Retail Sales	65.17	14.29	0.09	20.45	0.01	--	--	100.00
Revenue from Retail Sales (million dollars)	3,221	744	1	1,110	-	NA	NA	5,075
Percentage of Revenue	63.46	14.65	0.02	21.87	-	--	--	100.00
Average Retail Price (cents/kWh).....	7.24	7.63	1.88	7.96	-	NA	NA	7.44

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

- (dash) = Data not available.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Minnesota								
Supply								
Generation								
Electric Utilities	40,303	44,798	48,569	49,576	47,232	46,791	46,711	47,793
Independent Power Producers	445	1,424	1,206	2,858	2,792	3,332	4,136	3,774
Combined Heat and Power, Electric	50	510	552	697	309	938	639	1,143
Electric Power Sector Generation Subtotal	40,798	46,732	50,327	53,132	50,333	51,062	51,485	52,710
Combined Heat and Power, Commercial	129	137	124	117	107	108	104	97
Combined Heat and Power, Industrial	2,313	1,655	2,327	1,802	1,924	1,849	1,649	1,670
Industrial and Commercial Generation Subtotal	2,442	1,791	2,451	1,919	2,031	1,957	1,753	1,767
Total Net Generation	43,240	48,523	52,778	55,051	52,364	53,019	53,238	54,478
Total International Imports	10,009	8,871	6,605	3,852	6,152	10,768	11,216^R	10,150
Total Supply	53,249	57,394	59,383	58,903	58,516	63,787	64,454^R	64,628
Disposition								
Retail Sales								
Full Service Providers	55,674	60,687	62,162	62,502	63,340	66,019	66,770	68,225
Facility Direct Retail Sales	-	-	-	586	-	-	-	6
Total Electric Industry Retail Sales	55,674	60,687	62,162	63,087	63,340	66,019	66,770	68,231
Direct Use	2,314	2,830	2,892	2,928	2,931	1,467	1,666	1,597
Total International Exports	120	601	2,431	6,363	3,542	3,014	3,291^R	3,289
Estimated Losses	3,971	6,080	4,641	4,664^R	5,374	5,047	4,966	3,958
Total Disposition	62,079	70,197	72,126	77,042^R	75,188	75,547	76,693^R	77,075
Net Interstate Trade	-8,830	-12,804	-12,742	-18,139^R	-16,672	-11,760	-12,239^R	-12,447
Net Trade Index (ratio)	0.86	0.82	0.82	0.76	0.78	0.84	0.84	0.84

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Mississippi		
NERC Region(s).....		SERC
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	16,204	24
Electric Utilities.....	9,377	27
Independent Power Producers & Combined Heat and Power.....	6,826	16
Net Generation (megawatthours).....	50,043,686	31
Electric Utilities.....	34,426,533	30
Independent Power Producers & Combined Heat and Power.....	15,617,153	23
Emissions (thousand metric tons)		
Sulfur Dioxide	75	28
Nitrogen Oxide.....	49	31
Carbon Dioxide.....	27,764	33
Sulfur Dioxide (lbs/MWh)	3.3	28
Nitrogen Oxide (lbs/MWh)	2.2	26
Carbon Dioxide (lbs/MWh).....	1,223	33
Total Retail Sales (megawatthours).....	48,153,181	29
Full Service Provider Sales (megawatthours)	48,153,181	26
Direct Use (megawatthours)	1,970,213	18
Average Retail Price (cents/kWh).....	8.03	24

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Mississippi			
1. Victor J Daniel Jr.....	Coal	Mississippi Power Co	1,973
2. Grand Gulf.....	Nuclear	System Energy Resources, Inc	1,268
3. Baxter Wilson.....	Gas	Entergy Mississippi Inc	1,200
4. Jack Watson.....	Coal	Mississippi Power Co	998
5. Magnolia Power Plant	Gas	Magnolia Energy LP	863
6. Batesville Generation Facility.....	Gas	LSP Energy Ltd Partnership	858
7. Reliant Energy Choctaw County	Gas	Reliant Energy Wholesale Generation LLC	776
8. Southaven Operating	Gas	Tennessee Valley Authority	759
9. Caledonia	Gas	Tennessee Valley Authority	744
10. Gerald Andrus.....	Gas	Entergy Mississippi Inc	741

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Entergy Mississippi Inc	Investor-Owned	13,538,564	5,474,190	5,293,052	2,771,322	-
2. Mississippi Power Co	Investor-Owned	9,367,550	2,134,883	2,915,011	4,317,656	-
3. Tennessee Valley Authority	Federal	3,573,625	-	-	3,573,625	-
4. Southern Pine Elec Power Assn	Cooperative	1,933,273	954,550	323,408	655,315	-
5. Coast Electric Power Assn	Cooperative	1,639,148	1,075,843	300,250	263,055	-
Total Sales, Top Five Providers		30,052,160	9,639,466	8,831,721	11,580,973	-
Percent of Total State Sales		62	52	66	72	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Electric Utilities.....	7,159	7,964	8,888	9,279	9,015	8,904	9,407	9,377	94.9	57.9
Coal.....	2,131	2,208	2,225	2,231	2,220	2,123	2,108	2,102	28.3	13.0
Petroleum.....	31	54	36	36	32	34	36	36	0.4	0.2
Natural Gas.....	3,797	4,492	5,396	5,749	5,493	5,481	5,997	5,971	50.4	36.9
Nuclear.....	1,200	1,210	1,231	1,263	1,270	1,266	1,266	1,268	15.9	7.8
Independent Power Producers and Combined Heat and Power	382	3,121	4,803	8,004	8,004	7,980	7,212	6,826	5.1	42.1
Coal.....	-	-	440	440	440	440	440	440	-	2.7
Petroleum.....	1	6	-	-	-	-	-	-	*	-
Natural Gas.....	71	2,860	4,080	7,281	7,331	7,307	6,539	6,153	0.9	38.0
Other Gases ¹	-	-	4	4	4	4	4	4	-	*
Other Renewables ²	310	255	279	279	229	229	229	229	4.1	1.4
Total Electric Industry.....	7,541	11,084	13,691	17,282	17,019	16,885	16,620	16,204	100.0	100.0
Coal.....	2,131	2,208	2,665	2,671	2,660	2,563	2,548	2,542	28.3	15.7
Petroleum.....	32	60	36	36	32	34	36	36	0.4	0.2
Natural Gas.....	3,868	7,352	9,476	13,029	12,824	12,789	12,537	12,125	51.3	74.8
Other Gases ¹	-	-	4	4	4	4	4	4	-	*
Nuclear.....	1,200	1,210	1,231	1,263	1,270	1,266	1,266	1,268	15.9	7.8
Other Renewables ²	310	255	279	279	229	229	229	229	4.1	1.4

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Mississippi										
Electric Utilities.....	31,227,619	47,550,273	35,099,283	31,358,938	32,838,145	30,619,168	34,158,706	34,426,533	92.7	68.8
Coal.....	12,500,586	19,196,065	12,483,658	13,742,273	14,274,786	13,389,906	14,907,777	14,422,788	37.1	28.8
Petroleum.....	2,633,109	5,120,602	26,357	1,620,395	2,763,630	1,432,077	395,330	397,080	7.8	0.8
Natural Gas.....	5,281,362	13,309,724	12,529,809	5,093,814	5,566,963	5,719,339	8,437,013	10,247,881	15.7	20.5
Nuclear.....	10,812,562	9,923,882	10,059,459	10,902,456	10,232,766	10,077,846	10,418,586	9,358,784	32.1	18.7
Independent Power Producers and Combined Heat and Power.....	2,451,333	5,896,179	7,789,529^R	8,789,340	10,824,468	14,448,285	12,070,141	15,617,153	7.3	31.2
Coal.....	45,948	-	2,369,485	3,340,331	3,202,902 ^R	3,245,978 ^R	3,197,556 ^R	2,984,537	0.1	6.0
Petroleum.....	11,111	23,088	3,945	11,461	13,227 ^R	12,771	3,379 ^R	2,290	*	*
Natural Gas.....	772,765	4,440,828	4,441,588	4,383,419	6,051,604 ^R	9,640,727 ^R	7,268,836 ^R	11,087,292	2.3	22.2
Other Gases ¹	-	-	37,916	31,799	40,748 ^R	20,166 ^R	43,723	42,325	-	0.1
Other Renewables ²	1,621,509	1,432,117	936,595	1,022,175	1,514,446 ^R	1,521,697 ^R	1,541,082 ^R	1,493,365	4.8	3.0
Other ³	-	146	-	156	1,541 ^R	6,947 ^R	15,566 ^R	7,344	-	*
Total Electric Industry.....	33,678,952	53,446,452	42,888,812^R	40,148,278	43,662,613	45,067,453	46,228,847	50,043,686	100.0	100.0
Coal.....	12,546,534	19,196,065	14,853,143	17,082,604	17,477,688 ^R	16,635,884 ^R	18,105,333 ^R	17,407,325	37.3	34.8
Petroleum.....	2,644,220	5,143,690	30,302	1,631,856	2,776,857 ^R	1,444,848	398,709 ^R	399,370	7.9	0.8
Natural Gas.....	6,054,127	17,750,552	16,971,397	9,477,233	11,618,567 ^R	15,360,066 ^R	15,705,849 ^R	21,335,173	18.0	42.6
Other Gases ¹	-	-	37,916	31,799	40,748 ^R	20,166 ^R	43,723	42,325	-	0.1
Nuclear.....	10,812,562	9,923,882	10,059,459	10,902,456	10,232,766	10,077,846	10,418,586	9,358,784	32.1	18.7
Other Renewables ²	1,621,509	1,432,117	936,595	1,022,175	1,514,446 ^R	1,521,697 ^R	1,541,082 ^R	1,493,365	4.8	3.0
Other ³	-	146	-	156	1,541 ^R	6,947 ^R	15,566 ^R	7,344	-	*

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	155	163	W	W	W	W	W	W
Average heat value (Btu per pound).....	10,486	11,670	9,723	9,235	9,087	8,993	8,961	9,290
Average sulfur Content (percent)	0.68	0.70	0.63	0.59	0.57	0.57	0.60	0.59
Petroleum (cents per million Btu).....	269	377	428	412	465	651	830	763
Average heat value (Btu per gallon).....	156,867	154,524	145,986	155,336	155,638	155,064	155,619	154,738
Average sulfur Content (percent).....	2.19	2.96	1.36	2.79	2.83	2.86	2.83	2.81
Natural Gas (cents per million Btu).....	262	345	346	557	594	911	695	720
Average heat value (Btu per cubic foot).....	1,036	1,020	1,030	1,036	1,033	1,034	1,036	1,032

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Mississippi								
Sulfur Dioxide								
Coal.....	70	63	60	62	62	60	69	62
Petroleum.....	33	64	1	12	16	8	3	2
Natural Gas	*	*	*	*	*	*	*	*
Other Gases.....	-	-	-	* ^R	* ^R	-	* ^R	-
Other Renewables ¹	14 ^R	11 ^R	10 ^R	11				
Other ²	*	*	*	*	*	*	*	*
Total.....	117 ^R	138 ^R	72 ^R	86 ^R	90 ^R	79 ^R	82 ^R	75
Nitrogen Oxide								
Coal.....	28	25	26	32	30	28	34	34
Petroleum.....	17 ^R	17	*	6	10	5	3	4
Natural Gas	6 ^R	12	16	6	5	7	5	7
Other Gases.....	-	-	*	*	*	*	*	*
Other Renewables ¹	5 ^R	4 ^R	4 ^R	4 ^R	3 ^R	4 ^R	3 ^R	4
Other ²	*	*	*	*	*	*	*	*
Total.....	55 ^R	59 ^R	47 ^R	48 ^R	50 ^R	44 ^R	45 ^R	49
Carbon Dioxide								
Coal.....	11,997	17,936	14,006	16,411	16,897	16,177	17,380	16,900
Petroleum.....	2,123	4,333	35	1,328	2,249	1,255	344	363
Natural Gas	5,423	8,965	9,297	5,678	6,201	7,694	8,055	10,470
Other ²	5 ^R	1 ^R	-	1 ^R	7 ^R	21 ^R	23 ^R	31
Total.....	19,549 ^R	31,235 ^R	23,337 ^R	23,418 ^R	25,354 ^R	25,146 ^R	25,802 ^R	27,764

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Mississippi										
Retail Sales (thousand megawatthours)										
Residential	14,817	16,856	17,844	17,670	17,580	17,953	18,276	18,566	37.0	38.6
Commercial	9,955	11,357	11,773	12,593	12,750	12,666	12,949	13,400	24.8	27.8
Industrial	14,622	15,268	15,021	15,281	15,702	15,282	15,712	16,187	36.5	33.6
Other ¹	694	805	815	NA	NA	NA	NA	NA	1.7	--
All Sectors	40,089	44,287	45,452	45,544	46,033	45,901	46,936	48,153	100.0	100.0
Retail Revenue (million dollars)										
Residential	1,040	1,243	1,299	1,343	1,444	1,564	1,765	1,737	43.9	45.0
Commercial	666	788	804	913	1,019	1,075	1,213	1,196	28.1	30.9
Industrial	603	672	661	684	759	821	934	931	25.4	24.1
Other ¹	60	72	71	NA	NA	NA	NA	NA	2.5	--
All Sectors	2,369	2,775	2,835	2,940	3,221	3,460	3,912	3,864	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.02	7.37	7.28	7.60	8.21	8.71	9.66	9.36	--	--
Commercial	6.69	6.94	6.83	7.25	7.99	8.48	9.37	8.92	--	--
Industrial	4.12	4.40	4.40	4.48	4.83	5.37	5.94	5.75	--	--
Other ¹	8.61	8.95	8.76	NA	NA	NA	NA	NA	--	--
All Sectors	5.91	6.26	6.24	6.46	7.00	7.54	8.33	8.03	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Mississippi								
Number of Entities	2	23	1	25	NA	NA	NA	51
Number of Retail Customers	616,795	133,987	8	706,103	NA	NA	NA	1,456,893
Retail Sales (thousand megawatthours)	22,906	4,275	3,574	17,398	NA	NA	NA	48,153
Percentage of Retail Sales	47.57	8.88	7.42	36.13	--	--	--	100.00
Revenue from Retail Sales (million dollars)	1,880	324	137	1,523	NA	NA	NA	3,864
Percentage of Revenue	48.66	8.38	3.54	39.42	--	--	--	100.00
Average Retail Price (cents/kWh)	8.21	7.57	3.83	8.76	NA	NA	NA	8.03

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Mississippi								
Supply								
Generation								
Electric Utilities.....	31,228	47,550	35,099	31,359	32,838	30,619	34,159	34,427
Independent Power Producers	5	2,277	5,028 ^R	7,308	9,060	12,704	10,182	13,718
Combined Heat and Power, Electric	-	1,440	1,366	-	-	-	-	-
Electric Power Sector Generation Subtotal	31,233	51,267	41,493^R	38,667	41,898	43,323	44,341	48,144
Combined Heat and Power, Commercial	24	23	26	26	25	19	7	12
Combined Heat and Power, Industrial.....	2,422	2,156	1,370	1,455	1,740	1,725	1,881	1,888
Industrial and Commercial Generation Subtotal.....	2,446	2,179	1,396	1,482	1,764	1,745	1,888	1,899
Total Net Generation.....	33,679	53,446	42,889^R	40,148	43,663	45,067	46,229	50,044
Total Supply	33,679	53,446	42,889^R	40,148	43,663	45,067	46,229	50,044
Disposition								
Retail Sales								
Full Service Providers	40,089	44,287	45,452	45,544	46,033	45,901	46,936	48,153
Total Electric Industry Retail Sales	40,089	44,287	45,452	45,544	46,033	45,901	46,936	48,153
Direct Use	2,445	2,303	2,353	2,383	2,385	1,166	1,964	1,970
Estimated Losses.....	2,860	3,061	2,634	2,943^R	3,471	3,705	3,729	4,009
Total Disposition	45,393	49,650	50,439	50,869^R	51,888	50,773	52,629	54,133
Net Interstate Trade.....	-11,714	3,796	-7,550^R	-10,721^R	-8,226	-5,705	-6,401	-4,089
Net Trade Index (ratio).....	0.74	1.08	0.85	0.79	0.84	0.89	0.88	0.92

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Missouri		
NERC Region(s).....		SERC/SPP
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	20,558	19
Electric Utilities.....	19,570	13
Independent Power Producers & Combined Heat and Power.....	988	38
Net Generation (megawatthours).....	91,153,081	20
Electric Utilities.....	89,925,724	12
Independent Power Producers & Combined Heat and Power.....	1,227,357	45
Emissions (thousand metric tons)		
Sulfur Dioxide	258	14
Nitrogen Oxide.....	100	12
Carbon Dioxide.....	77,131	13
Sulfur Dioxide (lbs/MWh)	6.2	12
Nitrogen Oxide (lbs/MWh)	2.4	21
Carbon Dioxide (lbs/MWh).....	1,865	11
Total Retail Sales (megawatthours).....	85,532,850	17
Full Service Provider Sales (megawatthours)	85,532,850	15
Direct Use (megawatthours)	327,814	42
Average Retail Price (cents/kWh).....	6.56	42

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Missouri			
1. Labadie	Coal	Union Electric Co	2,396
2. Callaway	Nuclear	Union Electric Co	1,190
3. Rush Island	Coal	Union Electric Co	1,161
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	963
9. Iatan	Coal	Kansas City Power & Light Co	651
10. Aries Power Project.....	Gas	Dogwood Energy LLC	620

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Union Electric Co.....	Investor-Owned	38,827,452	14,257,728	14,746,470	9,803,717	19,537
2. Kansas City Power & Light Co.....	Investor-Owned	8,980,212	2,664,825	4,564,387	1,751,000	-
3. Aquila Inc.....	Investor-Owned	8,129,074	3,606,346	3,168,868	1,353,860	-
4. Empire District Electric Co.....	Investor-Owned	4,223,934	1,714,992	1,594,840	914,102	-
5. City Utilities of Springfield.....	Public	3,044,156	991,517	1,529,739	522,900	-
Total Sales, Top Five Providers.....		63,204,828	23,235,408	25,604,304	14,345,579	19,537
Percent of Total State Sales.....		74	65	82	77	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Electric Utilities.....	16,212	17,726	18,409	18,587	18,606	18,970	19,675	19,570	99.4	95.2
Coal.....	10,920	11,032	11,053	11,172	11,159	11,172	11,199	11,165	66.9	54.3
Petroleum.....	1,200	1,616	1,236	1,259	1,243	1,241	1,265	1,274	7.4	6.2
Natural Gas.....	1,839	2,736	3,778	3,806	3,853	4,158	4,809	4,728	11.3	23.0
Nuclear.....	1,143	1,143	1,143	1,137	1,137	1,190	1,190	1,190	7.0	5.8
Hydroelectric.....	543	543	543	556	556	552	552	552	3.3	2.7
Other Renewables ¹	-	-	-	-	-	-	3	3	-	*
Pumped Storage.....	567	657	657	657	657	657	657	657	3.5	3.2
Independent Power Producers and Combined Heat and Power.....	106	1,202	1,394	1,390	1,557	1,562	924	988	0.6	4.8
Coal.....	93	95	96	96	98	100	100	94	0.6	0.5
Petroleum.....	8	9	11	11	11	13	13	12	*	0.1
Natural Gas.....	4	1,098	1,287	1,284	1,449	1,449	811	825	*	4.0
Other Renewables ¹	-	-	-	-	-	-	-	57	-	0.3
Total Electric Industry.....	16,318	18,928	19,803	19,977	20,163	20,533	20,599	20,558	100.0	100.0
Coal.....	11,014	11,127	11,148	11,267	11,257	11,273	11,299	11,259	67.5	54.8
Petroleum.....	1,208	1,625	1,247	1,270	1,254	1,254	1,279	1,287	7.4	6.3
Natural Gas.....	1,844	3,834	5,065	5,089	5,302	5,607	5,619	5,553	11.3	27.0
Nuclear.....	1,143	1,143	1,143	1,137	1,137	1,190	1,190	1,190	7.0	5.8
Hydroelectric.....	543	543	543	556	556	552	552	552	3.3	2.7
Other Renewables ¹	-	-	-	-	-	-	3	60	-	0.3
Pumped Storage.....	567	657	657	657	657	657	657	657	3.5	3.2

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Missouri										
Electric Utilities.....	71,073,239	78,990,878	79,796,801	86,102,107	86,419,717	90,159,045	91,118,304	89,925,724	99.6	98.7
Coal.....	59,903,073	65,445,161	67,147,996	73,904,272	74,711,159	77,123,580	77,113,165	74,745,712	83.9	82.0
Petroleum.....	125,449	637,504	528,353	155,968	195,098	168,258	59,958	59,611	0.2	0.1
Natural Gas.....	570,084	3,634,106	2,477,701	1,820,848	1,978,307	3,522,842	3,512,299	4,102,135	0.8	4.5
Other Gases ¹	-	-	-	1,652	2,400	2,383	5,091	3,400	-	*
Nuclear.....	8,954,604	8,384,240	8,389,629	9,699,589	7,830,693	8,030,577	10,116,660	9,371,955	12.5	10.3
Hydroelectric.....	1,593,309	1,104,135	1,356,928	652,477	1,479,914	1,159,326	199,214	1,204,326	2.2	1.3
Other Renewables ²	41,704	-	143	179	192	-	15,291	22,064	0.1	*
Pumped Storage.....	-114,984	-265,860	-159,004	-253,991	115,325	85,932	47,552	383,473	-0.2	0.4
Other ³	-	51,592	55,055	121,112	106,630	66,147	49,074	33,048	-	*
Independent Power Producers and Combined Heat and Power.....	300,946	553,995	1,365,396	1,122,980	1,213,193^R	669,185	568,039	1,227,357	0.4	1.3
Coal.....	247,207	303,522	286,971	307,512	312,396 ^R	312,979 ^R	336,439 ^R	338,441	0.3	0.4
Petroleum.....	14,073	181	1,042	946	1,063 ^R	915 ^R	1,066 ^R	790	*	*
Natural Gas.....	28,326	239,456	1,066,236	803,502	886,545 ^R	343,104 ^R	217,128 ^R	877,244	*	1.0
Other Renewables ²	11,340	8,798	8,560	8,297	9,442 ^R	8,598 ^R	8,680 ^R	7,245	*	*
Other ³	-	2,038	2,587	2,724	3,747	3,590 ^R	4,726 ^R	3,637	-	*
Total Electric Industry.....	71,374,185	79,544,873	81,162,197	87,225,087	87,632,910^R	90,828,230	91,686,343	91,153,081	100.0	100.0
Coal.....	60,150,280	65,748,683	67,434,967	74,211,784	75,023,555 ^R	77,436,559 ^R	77,449,604 ^R	75,084,154	84.3	82.4
Petroleum.....	139,522	637,685	529,395	156,914	196,161 ^R	169,173 ^R	61,024 ^R	60,401	0.2	0.1
Natural Gas.....	598,410	3,873,562	3,543,937	2,624,350	2,864,851 ^R	3,865,946 ^R	3,729,427 ^R	4,979,379	0.8	5.5
Other Gases ¹	-	-	-	1,652	2,400	2,383	5,091	3,400	-	*
Nuclear.....	8,954,604	8,384,240	8,389,629	9,699,589	7,830,693	8,030,577	10,116,660	9,371,955	12.5	10.3
Hydroelectric.....	1,593,309	1,104,135	1,356,928	652,477	1,479,914	1,159,326	199,214	1,204,326	2.2	1.3
Other Renewables ²	53,044	8,798	8,703	8,476	9,634 ^R	8,598 ^R	23,971 ^R	29,309	0.1	*
Pumped Storage.....	-114,984	-265,860	-159,004	-253,991	115,325	85,932	47,552	383,473	-0.2	0.4
Other ³	-	53,630	57,642	123,836	110,377	69,737 ^R	53,800 ^R	36,685	-	*

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	93	96	W	W	W	W	W	W
Average heat value (Btu per pound).....	8,994	8,940	8,875	8,865	8,838	8,854	8,808	8,825
Average sulfur Content (percent)	0.47	0.36	0.36	0.37	0.38	0.37	0.36	0.38
Petroleum (cents per million Btu).....	292	134	118	W	279	1,236	1,457	1,713
Average heat value (Btu per gallon).....	123,143	136,667	136,381	137,769	139,288	137,693	137,188	137,476
Average sulfur Content (percent)	1.34	3.28	3.33	2.39	3.02	0.24	0.24	0.23
Natural Gas (cents per million Btu).....	279	467	W	W	W	W	W	W
Average heat value (Btu per cubic foot).....	1,006	1,020	1,012	1,016	1,016	1,020	1,024	1,024

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Missouri								
Sulfur Dioxide								
Coal.....	289	218	224	255	265	266	253	251
Petroleum.....	1 ^R	18	11	2	3	7	6	6
Natural Gas	* ^R	*	*	*	*	*	*	*
Other Renewables ¹	*	-	-	-	-	-	-	-
Other ²	*	-	* ^R	2 ^R	1 ^R	1 ^R	1 ^R	1
Total.....	290 ^R	235 ^R	236 ^R	258 ^R	270 ^R	273 ^R	260 ^R	258
Nitrogen Oxide								
Coal.....	182 ^R	130	127	133	114	113	105	97
Petroleum.....	1 ^R	2	1	*	*	1	*	*
Natural Gas	1	3	2	1	2	1	2	2
Other Renewables ¹	*	*	*	*	*	*	*	*
Other ²	*	*	*	*	*	*	*	*
Total.....	184 ^R	135 ^R	130 ^R	135 ^R	117 ^R	115 ^R	108 ^R	100
Carbon Dioxide								
Coal.....	60,962	66,548	67,541	74,219	75,183	77,852	77,204	74,797
Petroleum.....	142	664	528	155	196	169	62	62
Natural Gas	454	1,796	1,634	1,192	1,344	1,738	1,781	2,233
Other ²	10 ^R	49 ^R	52 ^R	112 ^R	102 ^R	70 ^R	55 ^R	39
Total.....	61,568 ^R	69,058 ^R	69,755 ^R	75,678 ^R	76,824 ^R	79,829 ^R	79,102 ^R	77,131

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Missouri										
Retail Sales (thousand megawatthours)										
Residential	26,595	30,168	31,684	31,422	31,351	34,412	33,880	35,872	40.5	41.9
Commercial	22,864	26,029	26,796	27,987	28,391	29,640	29,800	31,126	34.8	36.4
Industrial	15,267	15,815	15,341	14,831	14,303	16,869	18,316	18,515	23.2	21.6
Other ¹	985	1,201	1,179	NA	NA	NA	NA	NA	1.5	--
Transportation.....	NA	NA	NA	NA	10	19	19	20	--	*
All Sectors	65,711	73,213	75,001	74,240	74,054	80,940	82,015	85,533	100.0	100.0
Retail Revenue (million dollars).....										
Residential	1,885	2,113	2,238	2,186	2,185	2,437	2,520	2,758	47.1	49.1
Commercial	1,373	1,533	1,576	1,618	1,648	1,756	1,811	1,973	34.3	35.1
Industrial	681	695	679	667	661	766	838	882	17.0	15.7
Other ¹	67	73	73	NA	NA	NA	NA	NA	1.7	--
Transportation.....	NA	NA	NA	NA	*	1	1	1	--	*
All Sectors	4,005	4,414	4,565	4,470	4,494	4,960	5,170	5,614	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.09	7.00	7.06	6.96	6.97	7.08	7.44	7.69	--	--
Commercial	6.00	5.89	5.88	5.78	5.80	5.92	6.08	6.34	--	--
Industrial	4.46	4.39	4.42	4.49	4.62	4.54	4.58	4.76	--	--
Other ¹	6.77	6.08	6.20	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	NA	4.91	4.77	5.75	6.16	--	--
All Sectors	6.09	6.03	6.09	6.02	6.07	6.13	6.30	6.56	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Missouri								
Number of Entities.....	4	87	NA	43	1	NA	NA	135
Number of Retail Customers	1,905,600	417,872	NA	716,535	1	NA	NA	3,040,008
Retail Sales (thousand megawatthours).....	60,161	11,216	NA	14,136	20	NA	NA	85,533
Percentage of Retail Sales	70.34	13.11	--	16.53	0.02	--	--	100.00
Revenue from Retail Sales (million dollars)	3,738	835	NA	1,040	1	NA	NA	5,614
Percentage of Revenue	66.58	14.88	--	18.52	0.02	--	--	100.00
Average Retail Price (cents/kWh).....	6.21	7.45	NA	7.36	5.46	NA	NA	6.56

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Missouri								
Supply								
Generation								
Electric Utilities.....	71,073	78,991	79,797	86,102	86,420	90,159	91,118	89,926
Independent Power Producers	-	226	1,039	783	828	319	165	820
Combined Heat and Power, Electric	-	-	-	-	46	5	30	45
Electric Power Sector Generation Subtotal	71,073	79,217	80,836	86,886	87,294	90,483	91,313	90,791
Combined Heat and Power, Commercial	118	137	140	134	155	163	201	194
Combined Heat and Power, Industrial.....	183	190	186	205	184	182	172	168
Industrial and Commercial Generation Subtotal	301	328	327	340	339	345	373	362
Total Net Generation	71,374	79,545	81,162	87,225	87,633	90,828	91,686	91,153
Total International Imports	1	-	*	-	-	12	3	1
Total Supply	71,375	79,545	81,162	87,225	87,633	90,841	91,689	91,154
Disposition								
Retail Sales								
Full Service Providers	65,673	73,213	75,001	74,220	74,035	80,921	81,996	85,513
Energy-Only Providers.....	39	-	-	-	-	-	-	-
Facility Direct Retail Sales.....	-	-	-	20	20	20	20	20
Total Electric Industry Retail Sales	65,711	73,213	75,001	74,240	74,054	80,940	82,015	85,533
Direct Use	301	295	301	305	305	293	160	328
Total International Exports	-	-	*	*	6	2	*	*
Estimated Losses	4,687	6,070	6,986	5,490^R	5,997	6,792^R	6,730	6,346
Total Disposition	70,700	79,577	82,288	80,035^R	80,363	88,027	88,906	92,207
Net Interstate Trade	676	-32	-1,126	7,191^R	7,270	2,813^R	2,784	-1,053
Net Trade Index (ratio)	1.01	1.00	0.99	1.09	1.09	1.03	1.03	0.99

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Montana		
NERC Region(s).....		MRO/WECC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	5,479	40
Electric Utilities.....	2,179	38
Independent Power Producers & Combined Heat and Power.....	3,301	28
Net Generation (megawatthours).....	28,931,493	41
Electric Utilities.....	6,342,288	38
Independent Power Producers & Combined Heat and Power.....	22,589,205	15
Emissions (thousand metric tons)		
Sulfur Dioxide	24	37
Nitrogen Oxide.....	40	34
Carbon Dioxide.....	20,013	37
Sulfur Dioxide (lbs/MWh)	1.9	38
Nitrogen Oxide (lbs/MWh)	3.0	15
Carbon Dioxide (lbs/MWh).....	1,525	19
Total Retail Sales (megawatthours).....	15,531,985	41
Full Service Provider Sales (megawatthours)	12,831,967	41
Deregulated Sales (megawatthours).....	2,700,018	14
Direct Use (megawatthours).....	201,320	44
Average Retail Price (cents/kWh).....	7.13	34

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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 Corp	543
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	180
8. J E Corette Plant	Coal	PPL Montana LLC	158
9. Judith Gap Wind Energy Center.....	Other Renewables	Invenergy Services LLC	135
10. Hardin Generator Project.....	Coal	Rocky Mountain Power Inc	107

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. NorthWestern Energy LLC	Investor-Owned	5,876,199	2,233,326	3,101,712	541,161	-
2. PPL EnergyPlus LLC	Other Provider	2,154,633	-	-	2,154,633	-
3. Hinson Power Company LLC	Investor-Owned	1,839,600	-	-	1,839,600	-
4. Flathead Electric Coop Inc	Cooperative	1,370,621	637,944	440,096	292,581	-
5. Montana-Dakota Utilities Co	Investor-Owned	675,335	163,578	226,706	285,051	-
Total Sales, Top Five Providers		11,916,388	3,034,848	3,768,514	5,113,026	-
Percent of Total State Sales		77	67	78	83	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Electric Utilities.....	4,943	2,232	2,232	2,274	2,189	2,186	2,163	2,179	97.6	39.8
Coal.....	2,294	52	52	52	52	52	52	52	45.3	1.0
Petroleum.....	5	-	-	-	-	2	2	2	0.1	*
Natural Gas	53	58	58	97	98	100	100	100	1.0	1.8
Hydroelectric	2,591	2,122	2,122	2,124	2,040	2,032	2,009	2,025	51.2	37.0
Independent Power Producers and Combined Heat and Power	121	2,907	2,939	2,937	2,943	3,082	3,274	3,301	2.4	60.2
Coal.....	39	2,283	2,244	2,248	2,283	2,287	2,408	2,406	0.8	43.9
Petroleum.....	61	55	90	90	55	55	55	57	1.2	1.0
Natural Gas	-	-	-	-	-	-	54	54	-	1.0
Hydroelectric	11	558	595	588	588	588	595	595	0.2	10.9
Other Renewables ¹	10	11	11	11	17	152	162	189	0.2	3.4
Total Electric Industry.....	5,064	5,139	5,172	5,210	5,132	5,268	5,437	5,479	100.0	100.0
Coal.....	2,333	2,335	2,296	2,300	2,335	2,339	2,460	2,458	46.1	44.9
Petroleum.....	66	55	90	90	55	57	57	59	1.3	1.1
Natural Gas	53	58	58	97	98	100	154	154	1.0	2.8
Hydroelectric	2,602	2,680	2,717	2,712	2,627	2,619	2,604	2,620	51.4	47.8
Other Renewables ¹	10	11	11	11	17	152	162	189	0.2	3.4

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Montana										
Electric Utilities.....	27,807,273	4,415,943	6,726,239	6,020,681	6,066,404	6,587,015	6,956,390	6,342,288	97.3	21.9
Coal.....	14,409,921	311,207	285,747	322,205	347,287	283,468	336,324	313,689	50.4	1.1
Petroleum.....	17,228	854	720	1,482	1,004	458	426	1,289	0.1	*
Natural Gas.....	31,625	9,979	6,747	17,997	12,532	10,602	8,347	15,007	0.1	0.1
Hydroelectric.....	13,348,499	4,093,903	6,433,025	5,678,997	5,705,581	6,292,487	6,611,293	6,012,303	46.7	20.8
Independent Power Producers and Combined Heat and Power.....	779,673	19,816,542	18,747,466	20,248,046	20,722,364	21,351,763	21,287,146	22,589,205	2.7	78.1
Coal.....	206,099	16,724,676	15,052,082	16,726,430	17,032,941	17,539,871	16,748,756	18,043,086	0.7	62.4
Petroleum.....	419,404	496,760	468,939	400,682	438,133 ^R	414,418 ^R	418,698 ^R	477,388	1.5	1.7
Natural Gas.....	16,985	10,110	9,931	7,471	15,421 ^R	16,336 ^R	59,233 ^R	90,966	0.1	0.3
Other Gases ¹	30,861	-	19,160	19,520	22,972 ^R	14,665 ^R	11,207 ^R	19,011	0.1	0.1
Hydroelectric.....	57,995	2,519,571	3,133,884	3,022,775	3,150,450	3,294,862	3,518,868	3,352,033	0.2	11.6
Other Renewables ²	48,329	65,425	63,470	71,168	62,446 ^R	71,612 ^R	530,385 ^R	606,721	0.2	2.1
Total Electric Industry.....	28,586,946	24,232,485	25,473,705	26,268,727	26,788,768	27,938,778	28,243,536	28,931,493	100.0	100.0
Coal.....	14,616,020	17,035,883	15,337,829	17,048,635	17,380,228	17,823,339	17,085,080	18,356,775	51.1	63.4
Petroleum.....	436,632	497,614	469,659	402,164	439,137 ^R	414,876 ^R	419,124 ^R	478,677	1.5	1.7
Natural Gas.....	48,610	20,089	16,678	25,468	27,953 ^R	26,938 ^R	67,580 ^R	105,974	0.2	0.4
Other Gases ¹	30,861	-	19,160	19,520	22,972 ^R	14,665 ^R	11,207 ^R	19,011	0.1	0.1
Hydroelectric.....	13,406,494	6,613,474	9,566,909	8,701,772	8,856,031	9,587,349	10,130,161	9,364,336	46.9	32.4
Other Renewables ²	48,329	65,425	63,470	71,168	62,446 ^R	71,612 ^R	530,385 ^R	606,721	0.2	2.1

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	68	95	W	W	W	W	W	W
Average heat value (Btu per pound).....	8,426	8,380	8,482	8,515	8,504	8,447	8,428	8,426
Average sulfur Content (percent)	0.72	0.53	0.64	0.62	0.63	0.66	0.66	0.61
Petroleum (cents per million Btu).....	529	-	W	W	W	W	W	W
Average heat value (Btu per gallon).....	141,000	-	137,148	136,574	137,064	126,095	130,833	137,343
Average sulfur Content (percent)	-	-	3.66	0.45	0.46	0.35	5.57	6.04
Natural Gas (cents per million Btu).....	1,349	666	W	W	W	W	W	W
Average heat value (Btu per cubic foot).....	1,071	1,020	1,104	1,123	1,095	1,106	1,093	1,013

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Montana								
Sulfur Dioxide								
Coal.....	21 ^R	28	18	16	19	18	18	20
Petroleum.....	2 ^R	26	3	2	2	2	2	2
Natural Gas	*	-	-	-	-	-	-	-
Other Gases.....	-	* ^R	-	-	-	-	-	-
Other Renewables ¹	2 ^R	1 ^R	2 ^R	5 ^R	2 ^R	2 ^R	1 ^R	2
Total	25 ^R	55 ^R	22 ^R	23 ^R	23 ^R	22 ^R	22 ^R	24
Nitrogen Oxide								
Coal.....	32 ^R	36	31	32	33	36	36	37
Petroleum.....	2 ^R	2	1	*	*	*	*	*
Natural Gas	1	*	*	*	*	*	1	1
Other Gases.....	*	1 ^R	1 ^R	*	1 ^R	1 ^R	1 ^R	1
Other Renewables ¹	1 ^R	1 ^R	1 ^R	3 ^R	1 ^R	1 ^R	1 ^R	1
Total	36 ^R	40 ^R	34 ^R	35 ^R	35 ^R	38 ^R	38 ^R	40
Carbon Dioxide								
Coal.....	15,196	17,349	15,749	17,908	18,358	18,669	18,185	19,171
Petroleum.....	684	799	743	703	823	778	785	741
Natural Gas	223	75	68	58	124	102	117	101
Total	16,104 ^R	18,223 ^R	16,560 ^R	18,669 ^R	19,305 ^R	19,549 ^R	19,087 ^R	20,013

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Montana										
Retail Sales (thousand megawatthours)										
Residential	3,804	3,886	4,031	4,120	4,053	4,221	4,394	4,542	31.9	29.2
Commercial	3,293	3,866	4,003	4,438	4,330	4,473	4,686	4,828	27.6	31.1
Industrial	4,537	3,370	4,463	4,267	4,574	4,784	4,735	6,163	38.1	39.7
Other ¹	284	324	335	NA	NA	NA	NA	NA	2.4	--
All Sectors	11,917	11,447	12,831	12,825	12,957	13,479	13,815	15,532	100.0	100.0
Retail Revenue (million dollars)										
Residential	244	267	291	311	319	342	364	398	39.3	36.0
Commercial	191	228	251	304	321	332	349	391	30.8	35.3
Industrial	166	222	165	172	190	231	242	318	26.8	28.7
Other ¹	19	24	24	NA	NA	NA	NA	NA	3.1	--
All Sectors	619	742	732	787	830	906	955	1,108	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	6.40	6.88	7.23	7.56	7.86	8.10	8.28	8.77	--	--
Commercial	5.80	5.91	6.28	6.85	7.42	7.43	7.44	8.10	--	--
Industrial	3.66	6.59	3.71	4.03	4.15	4.83	5.12	5.16	--	--
Other ¹	6.68	7.47	7.04	NA	NA	NA	NA	NA	--	--
All Sectors	5.20	6.48	5.70	6.14	6.40	6.72	6.91	7.13	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Montana								
Number of Entities	5	1	2	30	NA	3	1	42
Number of Retail Customers	349,168	963	20,152	191,853	NA	453	NA	562,589
Retail Sales (thousand megawatthours)	8,421	16	469	3,926	NA	2,700	NA	15,532
Percentage of Retail Sales	54.22	0.10	3.02	25.28	--	17.38	--	100.00
Revenue from Retail Sales (million dollars)	675	1	21	274	NA	120	17	1,108
Percentage of Revenue	60.94	0.08	1.88	24.71	--	10.86	1.53	100.00
Average Retail Price (cents/kWh)	8.01	5.54	4.43	6.97	NA	4.45	0.63	7.13

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Montana								
Supply								
Generation								
Electric Utilities.....	27,807	4,416	6,726	6,021	6,066	6,587	6,956	6,342
Independent Power Producers	265	19,316	18,327	19,792	20,210	20,851	20,764	21,986
Combined Heat and Power, Electric	449	426	348	378	434	412	408	482
Electric Power Sector Generation Subtotal	28,521	24,158	25,402	26,191	26,710	27,851	28,128	28,810
Combined Heat and Power, Industrial.....	66	75	72	78	78	88	116	121
Industrial and Commercial Generation Subtotal.....	66	75	72	78	78	88	116	121
Total Net Generation.....	28,587	24,232	25,474	26,269	26,789	27,939	28,244	28,931
Total International Imports.....	14	-	52	11	40	109	86	95
Total Supply	28,601	24,232	25,526	26,280	26,829	28,048	28,329	29,026
Disposition								
Retail Sales								
Full Service Providers	11,917	9,599	10,323	10,282	10,084	10,642	10,821	12,832
Energy-Only Providers.....	-	1,847	2,508	2,542	2,873	2,836	2,994	2,700
Total Electric Industry Retail Sales.....	11,917	11,447	12,831	12,825	12,957	13,479	13,815	15,532
Direct Use	125	150	153	155	155	93	120	201
Total International Exports.....	3	*	-	1	76	100	299	149
Estimated Losses.....	850	1,415	2,257	1,448^R	3,066	3,721	3,575	3,411
Total Disposition	12,895	13,012	15,242	14,429^R	16,255	17,393	17,810	19,293
Net Interstate Trade	15,706	11,221	10,284	11,850	10,574	10,655	10,519	9,733
Net Trade Index (ratio)	2.22	1.86	1.67	1.82	1.65	1.61	1.59	1.50

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Nebraska		
NERC Region(s).....		MRO
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	6,971	38
Electric Utilities.....	6,959	30
Independent Power Producers & Combined Heat and Power.....	12	51
Net Generation (megawatthours).....	32,442,699	39
Electric Utilities.....	32,403,289	32
Independent Power Producers & Combined Heat and Power.....	39,410	51
Emissions (thousand metric tons)		
Sulfur Dioxide	63	29
Nitrogen Oxide.....	39	35
Carbon Dioxide.....	20,646	35
Sulfur Dioxide (lbs/MWh)	4.3	20
Nitrogen Oxide (lbs/MWh)	2.7	18
Carbon Dioxide (lbs/MWh).....	1,403	23
Total Retail Sales (megawatthours).....	28,248,400	36
Full Service Provider Sales (megawatthours)	28,248,400	35
Direct Use (megawatthours)	45,500	48
Average Retail Price (cents/kWh).....	6.28	47

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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	758
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	482
6. Cass County.....	Gas	Omaha Public Power District	320
7. Sarpy County.....	Gas	Omaha Public Power District	314
8. Beatrice.....	Gas	Nebraska Public Power District	237
9. Rokeby.....	Gas	Lincoln Electric System	230
10. Sheldon.....	Coal	Nebraska Public Power District	225

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Nebraska						
1. Omaha Public Power District	Public	10,069,695	3,585,793	3,769,046	2,714,856	-
2. Lincoln Electric System.....	Public	3,179,742	1,149,166	1,491,995	538,581	-
3. Nebraska Public Power District.....	Public	3,175,933	814,799	1,078,509	1,282,625	-
4. Loup River Public Power Dist.....	Public	1,091,273	233,150	201,110	657,013	-
5. Southern Public Power District	Public	849,822	226,562	31,663	591,597	-
Total Sales, Top Five Providers		18,366,465	6,009,470	6,572,323	5,784,672	-
Percent of Total State Sales		65	62	70	64	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Nebraska										
Electric Utilities.....	5,760	6,010	6,052	6,667	6,722	7,007	7,056	6,959	99.8	99.8
Coal.....	3,152	3,181	3,196	3,196	3,196	3,196	3,196	3,196	54.6	45.8
Petroleum.....	547	708	638	637	638	639	641	330	9.5	4.7
Natural Gas.....	644	721	811	1,317	1,374	1,589	1,630	1,889	11.2	27.1
Nuclear.....	1,250	1,234	1,234	1,233	1,232	1,238	1,238	1,240	21.7	17.8
Hydroelectric.....	167	162	167	268	266	269	272	273	2.9	3.9
Other Renewables ¹	-	4	6	16	16	76	78	30	-	0.4
Independent Power Producers and Combined Heat and Power	12	18	17	17	16	16	16	12	0.2	0.2
Coal.....	7	8	8	8	8	8	8	8	0.1	0.1
Petroleum.....	-	1	1	1	1	1	1	-	-	-
Natural Gas.....	1	5	4	4	2	2	2	-	*	-
Other Renewables ¹	4	5	5	5	4	4	4	5	0.1	0.1
Total Electric Industry.....	5,772	6,028	6,069	6,684	6,738	7,023	7,071	6,971	100.0	100.0
Coal.....	3,159	3,189	3,204	3,204	3,204	3,204	3,204	3,204	54.7	46.0
Petroleum.....	547	709	639	638	639	640	642	330	9.5	4.7
Natural Gas.....	646	726	815	1,320	1,376	1,591	1,632	1,889	11.2	27.1
Nuclear.....	1,250	1,234	1,234	1,233	1,232	1,238	1,238	1,240	21.7	17.8
Hydroelectric.....	167	162	167	268	266	269	272	273	2.9	3.9
Other Renewables ¹	4	9	10	21	21	80	83	35	0.1	0.5

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Nebraska										
Electric Utilities.....	28,388,030	30,411,669	31,550,226	30,367,879	31,944,127	31,391,643	31,599,046	32,403,289	99.8	99.9
Coal.....	17,209,080	20,193,542	19,899,803	20,907,970	20,414,960	20,772,590	20,632,855	19,611,849	60.5	60.5
Petroleum.....	31,059	25,154	18,410	47,971	21,004	30,026	18,914	35,552	0.1	0.1
Natural Gas.....	205,991	340,050	404,106	369,409	288,576	794,533	752,584	1,103,962	0.7	3.4
Other Gases ¹	-	-	101	206	142	6	-	-	-	-
Nuclear.....	9,268,857	8,726,113	10,122,242	7,996,902	10,241,254	8,801,841	9,002,656	11,041,532	32.6	34.0
Hydroelectric.....	1,672,419	1,124,122	1,097,486	980,110	913,021	871,473	893,386	347,444	5.9	1.1
Other Renewables ²	624	2,630	8,078	65,311	65,170	121,174	298,651	262,949	*	0.8
Other ³	-	58	-	-	-	-	-	-	-	-
Independent Power Producers and Combined Heat and Power.....	61,237	73,543	68,268	88,105	64,582	73,091	70,923	39,410	0.2	0.1
Coal.....	39,557	45,164	44,104	46,203	42,125	45,581	49,693	18,062	0.1	0.1
Petroleum.....	-	3,035	2,139	881	864 ^R	980 ^R	403 ^R	215	-	*
Natural Gas.....	5,310	8,681	9,032	11,669	8,814 ^R	8,450 ^R	6,217 ^R	6,058	*	*
Other Renewables ²	16,370	16,663	12,993	29,352	12,779	18,080	14,610	15,075	0.1	*
Total Electric Industry.....	28,449,267	30,485,212	31,618,494	30,455,984	32,008,709	31,464,734	31,669,969	32,442,699	100.0	100.0
Coal.....	17,248,637	20,238,706	19,943,907	20,954,173	20,457,085	20,818,171	20,682,548	19,629,911	60.6	60.5
Petroleum.....	31,059	28,189	20,549	48,852	21,868 ^R	31,005 ^R	19,317 ^R	35,767	0.1	0.1
Natural Gas.....	211,301	348,731	413,138	381,078	297,390 ^R	802,983 ^R	758,801 ^R	1,110,020	0.7	3.4
Other Gases ¹	-	-	101	206	142	6	-	-	-	-
Nuclear.....	9,268,857	8,726,113	10,122,242	7,996,902	10,241,254	8,801,841	9,002,656	11,041,532	32.6	34.0
Hydroelectric.....	1,672,419	1,124,122	1,097,486	980,110	913,021	871,473	893,386	347,444	5.9	1.1
Other Renewables ²	16,994	19,293	21,071	94,663	77,949	139,254	313,261	278,024	0.1	0.9
Other ³	-	58	-	-	-	-	-	-	-	-

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Nebraska								
Coal (cents per million Btu)	59	57	58	60	66	71	80	88
Average heat value (Btu per pound).....	8,595	8,585	8,654	8,673	8,574	8,570	8,514	8,511
Average sulfur Content (percent)	0.32	0.31	0.30	0.29	0.32	0.31	0.30	0.31
Petroleum (cents per million Btu).....	450	656	555	457	712	1,343	1,534	1,669
Average heat value (Btu per gallon).....	137,567	138,571	138,043	138,040	136,976	138,119	138,124	138,007
Average sulfur Content (percent)	0.18	0.15	0.17	0.12	0.17	0.04	0.02	0.02
Natural Gas (cents per million Btu).....	287	428	417	564	654	824	743	899
Average heat value (Btu per cubic foot).....	998	1,020	1,002	998	995	990	984	997

Btu = British thermal unit.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Nebraska								
Sulfur Dioxide								
Coal.....	57 ^R	64	62	63	68	67	65	63
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	*	* ^R	* ^R	* ^R	*	*	*
Total.....	57 ^R	64 ^R	62 ^R	63 ^R	68 ^R	67 ^R	65 ^R	63
Nitrogen Oxide								
Coal.....	44	44	43	46	44	46	41	37
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	1	1	1	*	11	19	1
Other Renewables ¹	*	*	*	1 ^R	1 ^R	1 ^R	1 ^R	1
Total.....	45 ^R	45 ^R	44 ^R	48 ^R	46 ^R	58 ^R	61 ^R	39
Carbon Dioxide								
Coal.....	17,881	20,810	20,172	21,096	20,775	21,233	21,087	20,019
Petroleum.....	30	29	20	44	21	29	18	34
Natural Gas.....	168	253	261	248	181	817	1,188	592
Other ²	-	*	-	-	-	-	-	-
Total.....	18,079 ^R	21,092 ^R	20,453 ^R	21,388 ^R	20,977 ^R	22,079 ^R	22,293 ^R	20,646

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Nebraska										
Retail Sales (thousand megawatthours)										
Residential	7,989	8,638	8,956	8,852	8,757	9,309	9,294	9,748	35.4	34.5
Commercial	6,500	7,232	7,384	8,583	8,501	8,848	9,006	9,396	28.8	33.3
Industrial	6,580	7,328	7,563	8,421	8,618	8,819	8,977	9,104	29.1	32.2
Other ¹	1,514	1,525	1,758	NA	NA	NA	NA	NA	6.7	--
All Sectors	22,582	24,723	25,661	25,857	25,876	26,976	27,276	28,248	100.0	100.0
Retail Revenue (million dollars)										
Residential	510	562	603	608	610	665	689	740	42.6	41.7
Commercial	355	396	415	499	497	529	558	601	29.7	33.8
Industrial	238	276	294	352	369	391	409	435	19.9	24.5
Other ¹	94	99	112	NA	NA	NA	NA	NA	7.8	--
All Sectors	1,196	1,333	1,424	1,458	1,475	1,584	1,656	1,775	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	6.38	6.50	6.73	6.87	6.96	7.14	7.41	7.59	--	--
Commercial	5.46	5.48	5.62	5.81	5.84	5.98	6.19	6.39	--	--
Industrial	3.61	3.76	3.89	4.18	4.28	4.43	4.56	4.78	--	--
Other ¹	6.19	6.51	6.37	NA	NA	NA	NA	NA	--	--
All Sectors	5.30	5.39	5.55	5.64	5.70	5.87	6.07	6.28	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Nebraska								
Number of Entities	NA	150	1	10	NA	NA	NA	161
Number of Retail Customers	NA	957,705	62	22,839	NA	NA	NA	980,606
Retail Sales (thousand megawatthours)	NA	27,452	165	631	NA	NA	NA	28,248
Percentage of Retail Sales	--	97.18	0.59	2.23	--	--	--	100.00
Revenue from Retail Sales (million dollars)	NA	1,713	3	59	NA	NA	NA	1,775
Percentage of Revenue	--	96.48	0.17	3.35	--	--	--	100.00
Average Retail Price (cents/kWh)	NA	6.24	1.85	9.43	NA	NA	NA	6.28

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Nebraska								
Supply								
Generation								
Electric Utilities.....	28,388	30,412	31,550	30,368	31,944	31,392	31,599	32,403
Combined Heat and Power, Electric.....	8	8	8	21	*	8	4	5
Electric Power Sector Generation Subtotal	28,396	30,420	31,558	30,389	31,944	31,400	31,604	32,408
Combined Heat and Power, Commercial.....	10	17	17	20	22	19	17	17
Combined Heat and Power, Industrial.....	43	48	44	46	42	46	50	18
Industrial and Commercial Generation Subtotal	53	65	61	67	65	65	66	35
Total Net Generation	28,449	30,485	31,618	30,456	32,009	31,465	31,670	32,443
Total International Imports	1	-	-	2	-	*	*	10
Total Supply	28,450	30,485	31,618	30,458	32,009	31,465	31,670	32,452
Disposition								
Retail Sales								
Full Service Providers	22,582	24,723	25,661	25,857	25,876	26,976	27,276	28,248
Total Electric Industry Retail Sales	22,582	24,723	25,661	25,857	25,876	26,976	27,276	28,248
Direct Use	61	70	71	72	72	75	73	46
Total International Exports	-	-	-	-	3	4	1	1
Estimated Losses	1,611	1,404	2,099	1,846^R	2,118	2,321	2,437	2,529
Total Disposition	24,254	26,196	27,831	27,775	28,069	29,376	29,788	30,823
Net Interstate Trade	4,195	4,289	3,787	2,684^R	3,940	2,089	1,882	1,629
Net Trade Index (ratio)	1.17	1.16	1.14	1.10	1.14	1.07	1.06	1.05

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Nevada		
NERC Region(s).....		WECC
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	9,954	34
Electric Utilities.....	6,998	29
Independent Power Producers & Combined Heat and Power.....	2,956	31
Net Generation (megawatthours).....	32,669,736	38
Electric Utilities.....	22,376,989	34
Independent Power Producers & Combined Heat and Power.....	10,292,747	30
Emissions (thousand metric tons)		
Sulfur Dioxide	8	45
Nitrogen Oxide.....	29	36
Carbon Dioxide.....	16,778	38
Sulfur Dioxide (lbs/MWh)	0.5	46
Nitrogen Oxide (lbs/MWh)	2.0	29
Carbon Dioxide (lbs/MWh).....	1,132	37
Total Retail Sales (megawatthours).....	35,643,402	33
Full Service Provider Sales (megawatthours)	34,344,497	32
Deregulated Sales (megawatthours).....	1,298,905	18
Direct Use (megawatthours).....	1,081,461	29
Average Retail Price (cents/kWh).....	9.99	17

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Nevada			
1. Mohave	Coal	Southern California Edison Co	1,580
2. Chuck Lenzie Generating Station.....	Gas	Nevada Power Co	1,128
3. Hoover Dam	Hydroelectric	U S Bureau of Reclamation	1,039
4. Reid Gardner.....	Coal	Nevada Power Co	587
5. Bighorn Electric Generating Station	Gas	Reliant Energy Wholesale Generation LLC	570
6. Silverhawk	Gas	Nevada Power Co	560
7. North Valmy	Coal	Sierra Pacific Power Co	522
8. Clark	Gas	Nevada Power Co	514
9. Tracy.....	Gas	Sierra Pacific Power Co	501
10. Apex Generating Station	Gas	Las Vegas Power Company LLC	494

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Nevada						
1. Nevada Power Co.....	Investor-Owned	21,873,043	9,371,726	4,825,852	7,666,972	8,493
2. Sierra Pacific Power Co.....	Investor-Owned	8,244,665	2,259,695	3,097,550	2,887,420	-
3. Colorado River Comm of Nevada.....	Public	1,631,916	-	795,904	836,012	-
4. Wells Rural Electric Co.....	Cooperative	763,266	51,137	52,057	660,072	-
5. Mt Wheeler Power, Inc.....	Cooperative	469,963	62,147	29,874	377,942	-
Total Sales, Top Five Providers		32,982,853	11,744,705	8,801,237	12,428,418	8,493
Percent of Total State Sales		93	95	94	89	100

-(dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Nevada										
Electric Utilities.....	5,642	5,388	5,384	5,323	5,389	5,611	6,771	6,998	88.3	70.3
Coal.....	2,806	2,747	2,658	2,657	2,657	2,657	2,657	2,689	43.9	27.0
Petroleum.....	46	46	43	45	45	45	45	45	0.7	0.4
Natural Gas.....	1,743	1,547	1,636	1,576	1,642	1,862	3,023	3,217	27.3	32.3
Hydroelectric.....	1,046	1,048	1,048	1,045	1,045	1,047	1,047	1,048	16.4	10.5
Independent Power Producers and Combined Heat and Power	749	1,495	1,472	2,185	3,281	3,103	2,876	2,956	11.7	29.7
Natural Gas.....	517	1,343	1,293	2,007	3,137	2,917	2,688	2,688	8.1	27.0
Hydroelectric.....	4	4	4	6	2	-	-	-	0.1	-
Other Renewables ¹	228	148	168	172	142	185	188	268	3.6	2.7
Other ²	-	-	7	-	-	-	-	-	-	-
Total Electric Industry.....	6,391	6,883	6,856	7,508	8,670	8,714	9,648	9,954	100.0	100.0
Coal.....	2,806	2,747	2,658	2,657	2,657	2,657	2,657	2,689	43.9	27.0
Petroleum.....	46	46	43	45	45	45	45	45	0.7	0.4
Natural Gas.....	2,260	2,890	2,929	3,583	4,779	4,779	5,711	5,905	35.4	59.3
Hydroelectric.....	1,050	1,052	1,052	1,051	1,047	1,047	1,047	1,048	16.4	10.5
Other Renewables ¹	228	148	168	172	142	185	188	268	3.6	2.7
Other ²	-	-	7	-	-	-	-	-	-	-

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

-(dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Nevada										
Electric Utilities.....	22,869,773	27,896,065	25,008,568	24,634,871	24,246,391	24,112,225	19,686,302	22,376,989	84.6	68.5
Coal.....	15,250,606	17,736,970	16,413,025	17,085,959	18,257,265	18,384,261	7,253,521	7,090,911	56.4	21.7
Petroleum.....	31,156	911,611	25,472	16,793	95,766	20,500	17,347	11,447	0.1	*
Natural Gas.....	5,020,560	6,742,903	6,310,687	5,784,181	4,288,157	4,005,084	10,357,808	13,271,440	18.6	40.6
Hydroelectric.....	2,567,451	2,504,581	2,259,384	1,747,938	1,605,203	1,702,380	2,057,626	2,003,191	9.5	6.1
Independent Power Producers and Combined Heat and Power.....	4,161,749	5,979,901	7,080,367	8,560,017	13,421,044	16,101,527	12,173,720	10,292,747	15.4	31.5
Petroleum.....	789	17	-	-	-	-	-	3	*	*
Natural Gas.....	2,537,254	4,770,870	5,899,973	7,468,598	12,092,586 ^R	14,830,539 ^R	10,826,327 ^R	8,991,830	9.4	27.5
Other Gases ¹	-	-	44,909	16,941	21,033 ^R	8,281 ^R	3,682 ^R	4,256	-	*
Hydroelectric.....	19,523	9,141	8,202	8,767	9,920	-	-	-	0.1	-
Other Renewables ²	1,596,001	1,199,873	1,127,283	1,065,711	1,297,504	1,262,707	1,343,711	1,296,658	5.9	4.0
Other ³	8,182	-	-	-	-	-	-	-	*	-
Total Electric Industry.....	27,031,522	33,875,966	32,088,935	33,194,888	37,667,435	40,213,752	31,860,022	32,669,736	100.0	100.0
Coal.....	15,250,606	17,736,970	16,413,025	17,085,959	18,257,265	18,384,261	7,253,521	7,090,911	56.4	21.7
Petroleum.....	31,945	911,628	25,472	16,793	95,766	20,500	17,347	11,450	0.1	*
Natural Gas.....	7,557,814	11,513,773	12,210,660	13,252,779	16,380,743 ^R	18,835,623 ^R	21,184,135 ^R	22,263,270	28.0	68.1
Other Gases ¹	-	-	44,909	16,941	21,033 ^R	8,281 ^R	3,682 ^R	4,256	-	*
Hydroelectric.....	2,586,974	2,513,722	2,267,586	1,756,705	1,615,123	1,702,380	2,057,626	2,003,191	9.6	6.1
Other Renewables ²	1,596,001	1,199,873	1,127,283	1,065,711	1,297,504	1,262,707	1,343,711	1,296,658	5.9	4.0
Other ³	8,182	-	-	-	-	-	-	-	*	-

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	139	126	134	142	136	154	173	188
Average heat value (Btu per pound).....	11,169	11,210	11,284	11,120	11,118	11,176	11,495	11,151
Average sulfur Content (percent)	0.50	0.51	0.53	0.50	0.54	0.53	0.54	0.46
Petroleum (cents per million Btu).....	508	585	600	601	473	990	1,270	-
Average heat value (Btu per gallon).....	138,760	151,667	139,110	138,548	149,914	141,760	140,610	-
Average sulfur Content (percent)	0.22	0.30	0.30	0.26	0.86	0.34	0.31	-
Natural Gas (cents per million Btu).....	212	803	438	511	556	723	653	605
Average heat value (Btu per cubic foot).....	1,029	1,020	1,034	1,040	1,036	1,033	1,040	1,044

Btu = British thermal unit.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Nevada								
Sulfur Dioxide								
Coal.....	45 ^R	45	45	47	49	48	8	8
Petroleum.....	*	4	*	*	*	*	*	*
Natural Gas	*	*	*	*	*	*	*	*
Other ¹	-	-	-	-	-	-	*	*
Total	46 ^R	50 ^R	45 ^R	47 ^R	50 ^R	48 ^R	8 ^R	8
Nitrogen Oxide								
Coal.....	35	32	35	34	35	36	15	13
Petroleum.....	2 ^R	1	*	*	*	*	*	*
Natural Gas	8 ^R	11	8	8	8	8	15	15
Other Gases.....	-	-	-	-	*	*	-	-
Other ¹	*	-	-	*	*	*	1 ^R	1
Total	45 ^R	44 ^R	43 ^R	42 ^R	43 ^R	44 ^R	31 ^R	29
Carbon Dioxide								
Coal.....	14,972	16,934	15,078	16,671	17,400	17,810	7,331	7,210
Petroleum.....	32	1,057	21	15	80	19	16	11
Natural Gas	4,108	5,883	5,907	6,272	7,457	8,093	9,238	9,526
Geothermal	36 ^R	31 ^R	29 ^R	27 ^R	33 ^R	32 ^R	34 ^R	32
Total	19,148 ^R	23,905 ^R	21,034 ^R	22,985 ^R	24,969 ^R	25,954 ^R	16,620 ^R	16,778

¹ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Nevada										
Retail Sales (thousand megawatthours)										
Residential	7,801	9,607	9,702	10,340	10,673	11,080	11,978	12,390	32.2	34.8
Commercial	5,454	6,693	7,538	8,168	8,275	8,516	8,975	9,352	22.5	26.2
Industrial	10,034	11,239	11,373	11,624	12,364	12,897	13,625	13,893	41.4	39.0
Other ¹	930	628	592	NA	NA	NA	NA	NA	3.8	--
Transportation.....	NA	NA	NA	NA	NA	8	8	8	--	*
All Sectors	24,219	28,167	29,204	30,132	31,312	32,501	34,586	35,643	100.0	100.0
Retail Revenue (million dollars).....										
Residential	528	872	915	932	1,034	1,130	1,327	1,464	38.9	41.1
Commercial	344	565	683	718	752	808	908	944	25.4	26.5
Industrial	450	738	824	849	895	994	1,094	1,151	33.1	32.3
Other ¹	36	39	39	NA	NA	NA	NA	NA	2.6	--
Transportation.....	NA	NA	NA	NA	NA	1	1	1	--	*
All Sectors	1,357	2,213	2,460	2,499	2,681	2,932	3,330	3,559	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	6.77	9.08	9.43	9.02	9.69	10.20	11.08	11.82	--	--
Commercial	6.31	8.45	9.06	8.79	9.08	9.48	10.12	10.09	--	--
Industrial	4.48	6.56	7.25	7.30	7.24	7.71	8.03	8.28	--	--
Other ¹	3.83	6.15	6.54	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	NA	NA	9.34	9.89	9.98	--	--
All Sectors	5.60	7.86	8.42	8.29	8.56	9.02	9.63	9.99	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Nevada								
Number of Entities.....	2	8	1	8	NA	2	2	23
Number of Retail Customers	1,135,372	28,316	3	36,577	NA	27	NA	1,200,295
Retail Sales (thousand megawatthours).....	30,118	2,329	29	1,869	NA	1,299	NA	35,643
Percentage of Retail Sales	84.50	6.53	0.08	5.24	--	3.64	--	100.00
Revenue from Retail Sales (million dollars)	3,222	127	*	120	NA	87	3	3,559
Percentage of Revenue	90.53	3.56	0.01	3.37	--	2.45	0.07	100.00
Average Retail Price (cents/kWh).....	10.70	5.44	0.87	6.42	NA	6.73	0.20	9.99

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Nevada								
Supply								
Generation								
Electric Utilities.....	22,870	27,896	25,009	24,635	24,246	24,112	19,686	22,377
Independent Power Producers	1,831	3,535	4,653	5,324	11,022	13,955	9,546	7,624
Combined Heat and Power, Electric	2,331	2,445	2,428	3,236	2,399	2,146	2,282	2,257
Electric Power Sector Generation Subtotal	27,031	33,876	32,089	33,195	37,667	40,214	31,515	32,257
Combined Heat and Power, Industrial.....	*	-	-	-	-	-	345	412
Industrial and Commercial Generation Subtotal.....	*	-	-	-	-	-	345	412
Total Net Generation.....	27,032	33,876	32,089	33,195	37,667	40,214	31,860	32,670
Total International Imports.....	-	-	85	221^R	203	288^R	157	344
Total Supply	27,032	33,876	32,174	33,416^R	37,870	40,502^R	32,017	33,013
Disposition								
Retail Sales								
Full Service Providers	24,219	28,167	29,204	30,132	31,311	32,326	33,330	34,344
Energy-Only Providers.....	-	-	-	-	2	175	1,256	1,299
Total Electric Industry Retail Sales.....	24,219	28,167	29,204	30,132	31,312	32,501	34,586	35,643
Direct Use	230	224	229	232	233	587	893	1,081
Total International Exports.....	-	-	-	-	15	43	67	43
Estimated Losses.....	1,728	1,177	1,377	1,287^R	1,658	1,669	2,096	2,022
Total Disposition	26,177	29,568	30,811	31,651^R	33,218	34,800	37,643	38,790
Net Interstate Trade	855	4,308	1,363	1,764^R	4,652	5,702^R	-5,625	-5,777
Net Trade Index (ratio)	1.03	1.15	1.04	1.06	1.14	1.16^R	0.85	0.85

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
New Hampshire		
NERC Region(s).....		NPCC
Primary Energy Source.....		Nuclear
Net Summer Capacity (megawatts)	4,280	42
Electric Utilities.....	1,121	41
Independent Power Producers & Combined Heat and Power.....	3,159	29
Net Generation (megawatthours).....	23,277,171	42
Electric Utilities.....	4,887,753	41
Independent Power Producers & Combined Heat and Power.....	18,389,418	20
Emissions (thousand metric tons)		
Sulfur Dioxide	39	34
Nitrogen Oxide.....	7	47
Carbon Dioxide.....	6,849	44
Sulfur Dioxide (lbs/MWh)	3.7	23
Nitrogen Oxide (lbs/MWh)	0.6	48
Carbon Dioxide (lbs/MWh).....	649	47
Total Retail Sales (megawatthours).....	11,235,856	46
Full Service Provider Sales (megawatthours)	9,832,088	45
Deregulated Sales (megawatthours)	1,403,768	17
Direct Use (megawatthours)	789,904	34
Average Retail Price (cents/kWh).....	13.98	6

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
New Hampshire			
1. Seabrook	Nuclear	FPL Energy Seabrook LLC	1,245
2. Granite Ridge.....	Gas	Granite Ridge Energy LLC	797
3. NAEA Newington Power	Gas	NAEA 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.,	194
7. Schiller.....	Coal	Public Service Co of NH	158
8. Comerford.....	Hydroelectric	TransCanada Hydro Northeast Inc.,	145
9. Berlin Gorham	Hydroelectric	Great Lakes Hydro America LLC	30
10. Pinetree Power Tamworth	Other Renewables	Pinetree Power Tamworth Inc	20

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
New Hampshire						
1. Public Service Co of NH	Investor-Owned	7,585,627	3,175,646	3,185,764	1,224,217	-
2. Unitil Energy Systems	Investor-Owned	941,779	500,534	333,145	108,100	-
3. New Hampshire Elec Coop Inc	Cooperative	751,209	451,856	239,252	60,101	-
4. Granite State Electric Co	Investor-Owned	659,619	293,280	315,734	50,605	-
5. Integrys Energy Services, Inc.	Other Provider	338,213	224	331,503	6,486	-
Total Sales, Top Five Providers		10,276,447	4,421,540	4,405,398	1,449,509	-
Percent of Total State Sales		91	98	96	67	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
New Hampshire										
Electric Utilities.....	2,512	1,128	1,105	1,121	1,121	1,121	1,116	1,121	89.6	26.2
Coal.....	578	575	575	575	575	575	528	528	20.6	12.3
Petroleum.....	489	489	465	481	482	482	482	482	17.4	11.3
Nuclear.....	1,162	-	-	-	-	-	-	-	41.4	-
Hydroelectric	284	64	64	65	64	64	68	65	10.1	1.5
Other Renewables ¹	-	-	-	-	-	-	37	46	-	1.1
Independent Power Producers and Combined Heat and Power	292	1,715	2,322	3,123	3,149	3,200	3,224	3,159	10.4	73.8
Petroleum.....	34	32	32	32	46	47	47	20	1.2	0.5
Natural Gas	3	24	549	1,354	1,354	1,354	1,354	1,341	0.1	31.3
Nuclear.....	-	1,161	1,161	1,159	1,159	1,220	1,244	1,245	-	29.1
Hydroelectric	88	366	449	447	454	443	443	429	3.1	10.0
Other Renewables ¹	168	132	130	131	136	136	136	124	6.0	2.9
Total Electric Industry.....	2,804	2,843	3,427	4,244	4,270	4,321	4,340	4,280	100.0	100.0
Coal.....	578	575	575	575	575	575	528	528	20.6	12.3
Petroleum.....	522	521	497	513	528	529	529	503	18.6	11.7
Natural Gas	3	24	549	1,354	1,354	1,354	1,354	1,341	0.1	31.3
Nuclear.....	1,162	1,161	1,161	1,159	1,159	1,220	1,244	1,245	41.4	29.1
Hydroelectric	371	429	514	511	518	507	512	494	13.2	11.5
Other Renewables ¹	168	132	130	131	136	136	173	169	6.0	4.0

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
New Hampshire										
Electric Utilities.....	14,264,333	13,095,085	12,276,456	6,231,573	6,169,110	5,638,000	4,574,520	4,887,753	89.8	21.0
Coal.....	4,077,225	3,706,399	3,722,386	3,923,303	4,076,075	4,072,987	3,885,433	3,927,415	25.7	16.9
Petroleum.....	1,007,545	428,990	595,575	1,976,692	1,770,459	1,187,323	230,474	302,952	6.3	1.3
Natural Gas.....	35,108	42,143	95,547	87	78	1,114	61,054	14,104	0.2	0.1
Nuclear.....	7,979,448	8,692,743	7,599,861	-	-	-	-	-	50.2	-
Hydroelectric.....	1,165,007	224,810	263,087	331,491	322,498	376,576	342,231	325,226	7.3	1.4
Other Renewables ¹	-	-	-	-	-	-	55,328	318,056	-	1.4
Independent Power Producers and Combined Heat and Power.....	1,615,890	1,979,539	3,676,622	15,365,534	17,706,677	18,832,013	17,489,175	18,389,418	10.2	79.0
Petroleum.....	62,277	52,687	54,134	67,834	189,993 ^R	169,821 ^R	208,719 ^R	81,844	0.4	0.4
Natural Gas.....	11,786	76,383	124,822	4,165,378	5,399,687 ^R	6,783,621	5,945,552 ^R	5,739,910	0.1	24.7
Nuclear.....	-	-	1,694,756	9,276,288	10,177,573	9,455,885	9,397,856	10,763,884	-	46.2
Hydroelectric.....	456,584	765,769	877,853	999,778	993,258	1,422,327	1,186,679	940,003	2.9	4.0
Other Renewables ¹	1,085,243	1,025,621	864,954	795,896	883,251	941,897 ^R	691,052 ^R	805,216	6.8	3.5
Other ²	-	59,079	60,103	60,360	62,915	58,462	59,317	58,561	-	0.3
Total Electric Industry.....	15,880,223	15,074,624	15,953,078	21,597,107	23,875,787	24,470,013	22,063,695	23,277,171	100.0	100.0
Coal.....	4,077,225	3,706,399	3,722,386	3,923,303	4,076,075	4,072,987	3,885,433	3,927,415	25.7	16.9
Petroleum.....	1,069,822	481,677	649,709	2,044,526	1,960,452 ^R	1,357,144 ^R	439,193 ^R	384,795	6.7	1.7
Natural Gas.....	46,894	118,526	220,369	4,165,465	5,399,765 ^R	6,784,735	6,006,606 ^R	5,754,015	0.3	24.7
Nuclear.....	7,979,448	8,692,743	9,294,617	9,276,288	10,177,573	9,455,885	9,397,856	10,763,884	50.2	46.2
Hydroelectric.....	1,621,591	990,579	1,140,940	1,331,269	1,315,756	1,798,903	1,528,910	1,265,229	10.2	5.4
Other Renewables ¹	1,085,243	1,025,621	864,954	795,896	883,251	941,897 ^R	746,380 ^R	1,123,272	6.8	4.8
Other ²	-	59,079	60,103	60,360	62,915	58,462	59,317	58,561	-	0.3

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	163	167	180	170	202	244	256	290
Average heat value (Btu per pound).....	13,054	13,050	13,245	13,262	13,199	13,087	13,196	13,109
Average sulfur Content (percent)	1.42	1.34	1.17	1.09	1.16	1.32	1.29	1.51
Petroleum (cents per million Btu).....	264	337	371	W	W	W	782	914
Average heat value (Btu per gallon).....	152,621	151,190	152,400	152,724	152,883	154,024	155,071	152,450
Average sulfur Content (percent)	1.28	0.81	1.48	1.52	1.39	1.15	1.01	0.86
Natural Gas (cents per million Btu).....	267	239	388	W	W	W	W	W
Average heat value (Btu per cubic foot).....	1,017	1,010	1,051	1,047	1,045	1,044	1,043	1,056

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
New Hampshire								
Sulfur Dioxide								
Coal.....	45 ^R	40	35	30	34	37	35	36
Petroleum.....	9	5	5	21	17	9	2	3
Natural Gas	-	-	* ^R	*	*	*	*	*
Other Renewables ¹	*	1 ^R	*	1 ^R	1 ^R	*	*	*
Other ²	*	*	*	*	*	*	* ^R	*
Total.....	54 ^R	46 ^R	41 ^R	52 ^R	52 ^R	47 ^R	37 ^R	39
Nitrogen Oxide								
Coal.....	16 ^R	6	5	5	5	6	6	4
Petroleum.....	2	1	2	4	3	2	1	1
Natural Gas	*	*	*	2	1	1	1	*
Other Renewables ¹	2 ^R	2						
Other ²	1 ^R	*	*	*	*	*	*	*
Total.....	22 ^R	9 ^R	9 ^R	13 ^R	12 ^R	11 ^R	9 ^R	7
Carbon Dioxide								
Coal.....	4,092	3,690	3,664	3,834	4,001	4,063	4,121	4,131
Petroleum.....	1,023	503	658	1,817	1,826	1,327	433	375
Natural Gas	36	195	128	1,840	2,230	2,665	2,398	2,233
Other ²	105 ^R	108 ^R	104 ^R	109 ^R	112 ^R	111 ^R	112 ^R	109
Total.....	5,255 ^R	4,496 ^R	4,554 ^R	7,599 ^R	8,169 ^R	8,166 ^R	7,065 ^R	6,849

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
New Hampshire										
Retail Sales (thousand megawatthours)										
Residential	3,389	3,789	4,003	4,252	4,282	4,495	4,401	4,493	37.0	40.0
Commercial	3,280	3,911	4,024	4,318	4,363	4,576	4,563	4,570	35.8	40.7
Industrial	2,372	2,483	2,222	2,403	2,328	2,174	2,131	2,173	25.9	19.3
Other ¹	127	133	134	NA	NA	NA	NA	NA	1.4	--
All Sectors	9,167	10,316	10,383	10,973	10,973	11,245	11,094	11,236	100.0	100.0
Retail Revenue (million dollars)										
Residential	462	473	476	509	535	607	646	668	43.4	42.6
Commercial	371	412	405	445	480	552	642	636	34.9	40.5
Industrial	213	226	202	234	233	249	248	267	20.0	17.0
Other ¹	18	18	17	NA	NA	NA	NA	NA	1.7	--
All Sectors	1,064	1,129	1,100	1,188	1,248	1,408	1,536	1,571	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	13.67	12.49	11.89	11.98	12.49	13.51	14.68	14.88	--	--
Commercial	11.35	10.53	10.06	10.30	10.99	12.06	14.07	13.91	--	--
Industrial	9.06	9.11	9.09	9.75	10.01	11.48	11.62	12.27	--	--
Other ¹	14.06	13.28	12.84	NA	NA	NA	NA	NA	--	--
All Sectors	11.66	10.95	10.60	10.83	11.37	12.53	13.84	13.98	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

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	5	3	19
Number of Retail Customers	606,991	11,899	NA	77,817	3	606	NA	697,316
Retail Sales (thousand megawatthours)	8,878	191	NA	751	12	1,404	NA	11,236
Percentage of Retail Sales	79.01	1.70	--	6.69	0.10	12.49	--	100.00
Revenue from Retail Sales (million dollars)	1,233	21	NA	130	1	135	51	1,571
Percentage of Revenue	78.51	1.36	--	8.25	0.05	8.59	3.24	100.00
Average Retail Price (cents/kWh)	13.55	11.16	NA	17.25	6.28	9.62	3.62	13.98

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
New Hampshire								
Supply								
Generation								
Electric Utilities.....	14,264	13,095	12,276	6,232	6,169	5,638	4,575	4,888
Independent Power Producers	1,164	1,574	3,385	15,014	17,315	18,438	17,297	18,237
Combined Heat and Power, Electric	75	80	20	-	-	-	-	-
Electric Power Sector Generation Subtotal	15,504	14,749	15,681	21,245	23,484	24,076	21,872	23,125
Combined Heat and Power, Commercial	25	31	30	34	33	30	25	28
Combined Heat and Power, Industrial.....	351	295	242	318	358	364	167	124
Industrial and Commercial Generation Subtotal	377	326	272	352	392	394	192	152
Total Net Generation	15,880	15,075	15,953	21,597	23,876	24,470	22,064	23,277
Total International Imports	1,699	766	326	200	452	575	583^R	794
Total Supply	17,580	15,840	16,279	21,797	24,328	25,045	22,647^R	24,071
Disposition								
Retail Sales								
Full Service Providers	9,081	10,314	10,213	10,668	10,848	11,111	10,045	9,820
Energy-Only Providers.....	86	1	170	148	110	123	1,046	1,404
Facility Direct Retail Sales.....	-	-	-	156	15	11	4	12
Total Electric Industry Retail Sales	9,167	10,316	10,383	10,973	10,973	11,245	11,094	11,236
Direct Use	441	440	450	456	456	216	125	790
Total International Exports	-	-	-	53	28	84	106	174
Estimated Losses	654	568	725	391^R	618	667	695	698
Total Disposition	10,262	11,323	11,559	11,873	12,075	12,213^R	12,020	12,898
Net Interstate Trade	7,317	4,517	4,720	9,925^R	12,253	12,833	10,627^R	11,173
Net Trade Index (ratio)	1.71	1.40	1.41	1.84	2.01	2.05	1.88	1.87

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
New Jersey		
NERC Region(s).....		RFC
Primary Energy Source.....		Nuclear
Net Summer Capacity (megawatts)	18,352	22
Electric Utilities.....	558	43
Independent Power Producers & Combined Heat and Power.....	17,794	6
Net Generation (megawatthours).....	62,671,245	24
Electric Utilities.....	-191,300	50
Independent Power Producers & Combined Heat and Power.....	62,862,545	6
Emissions (thousand metric tons)		
Sulfur Dioxide	46	33
Nitrogen Oxide.....	21	38
Carbon Dioxide.....	20,585	36
Sulfur Dioxide (lbs/MWh)	1.6	39
Nitrogen Oxide (lbs/MWh)	0.7	45
Carbon Dioxide (lbs/MWh).....	724	44
Total Retail Sales (megawatthours)	81,934,334	19
Full Service Provider Sales (megawatthours)	65,757,993	23
Deregulated Sales (megawatthours)	16,176,341	6
Direct Use (megawatthours)	3,588,643	11
Average Retail Price (cents/kWh).....	13.01	9

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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. PSEG Linden Generating Station.....	Gas	PSEG Fossil LLC	1,541
3. Bergen Generating Station	Gas	PSEG Fossil LLC	1,246
4. PSEG Hope Creek Generating Station	Nuclear	PSEG Nuclear LLC	1,061
5. PSEG Hudson Generating Station.....	Coal	PSEG Fossil LLC	913
6. Linden Cogen Plant	Gas	Cogen Technologies Linden Vent	900
7. PSEG Mercer Generating Station.....	Coal	PSEG Fossil LLC	777
8. AES Red Oak LLC.....	Gas	AES Red Oak LLC	766
9. Oyster Creek.....	Nuclear	Exelon Nuclear	619
10. PSEG Essex Generating Station.....	Gas	PSEG Fossil LLC	617

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Public Service Elec & Gas Co.....	Investor-Owned	35,165,417	13,958,115	19,026,145	2,171,180	9,977
2. Jersey Central Power & Lt Co.....	Investor-Owned	18,322,942	9,838,793	7,799,493	684,656	-
3. Atlantic City Electric Co.....	Investor-Owned	8,182,691	4,519,536	3,274,758	388,397	-
4. Hess Retail Natural Gas and Elec. Acctg.....	Other Provider	3,363,293	-	1,551,616	1,811,677	-
5. PEPCO Energy Services.....	Other Provider	2,522,788	-	2,448,503	-	74,285
Total Sales, Top Five Providers.....		67,557,131	28,316,444	34,100,515	5,055,910	84,262
Percent of Total State Sales.....		82	95	83	46	29

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
New Jersey										
Electric Utilities.....	13,684	1,244	1,244	1,244	1,005	1,005	1,005	558	81.2	3.0
Coal.....	1,635	387	387	387	307	307	307	23	9.7	0.1
Petroleum.....	3,915	286	286	286	232	232	232	69	23.2	0.4
Natural Gas.....	3,872	171	171	171	66	66	66	66	23.0	0.4
Nuclear.....	3,862	-	-	-	-	-	-	-	22.9	-
Pumped Storage.....	400	400	400	400	400	400	400	400	2.4	2.2
Independent Power Producers and Combined Heat and Power.....	3,171	14,838	17,140	17,403	17,159	16,531	17,966	17,794	18.8	97.0
Coal.....	483	1,701	1,737	1,737	1,817	1,770	1,817	2,031	2.9	11.1
Petroleum.....	30	2,159	2,247	2,921	2,582	1,550	1,578	1,276	0.2	7.0
Natural Gas.....	2,468	7,493	9,066	8,602	8,545	8,992	10,319	10,232	14.6	55.8
Other Gases ¹	-	21	21	21	21	21	44	44	-	0.2
Nuclear.....	-	3,270	3,875	3,908	3,972	3,984	3,984	3,984	-	21.7
Hydroelectric.....	13	12	13	14	12	3	5	4	0.1	*
Other Renewables ²	178	182	181	200	200	200	208	211	1.1	1.2
Other ³	-	-	-	-	11	11	11	11	-	0.1
Total Electric Industry.....	16,855	16,082	18,384	18,647	18,164	17,536	18,971	18,352	100.0	100.0
Coal.....	2,118	2,088	2,124	2,124	2,124	2,077	2,124	2,054	12.6	11.2
Petroleum.....	3,944	2,445	2,533	3,207	2,814	1,782	1,810	1,345	23.4	7.3
Natural Gas.....	6,340	7,664	9,237	8,773	8,611	9,058	10,385	10,298	37.6	56.1
Other Gases ¹	-	21	21	21	21	21	44	44	-	0.2
Nuclear.....	3,862	3,270	3,875	3,908	3,972	3,984	3,984	3,984	22.9	21.7
Hydroelectric.....	13	12	13	14	12	3	5	4	0.1	*
Other Renewables ²	178	182	181	200	200	200	208	211	1.1	1.2
Pumped Storage.....	400	400	400	400	400	400	400	400	2.4	2.2
Other ³	-	-	-	-	11	11	11	11	-	0.1

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
New Jersey										
Electric Utilities.....	23,761,443	1,630,319	1,569,056	1,910,115	1,648,908	1,248,594	1,042,511	-191,300	56.9	-0.3
Coal.....	6,821,610	1,439,282	1,416,711	1,792,734	1,800,845	1,376,852	1,213,235	51,331	16.3	0.1
Petroleum.....	384,469	230,522	202,514	209,017	98,826	122,098	98,605	8,841	0.9	*
Natural Gas.....	2,776,813	102,255	95,631	28,246	36,476	32,351	29,272	17,462	6.7	*
Nuclear.....	13,908,074	-	-	-	-	-	-	-	33.3	-
Pumped Storage.....	-129,523	-141,740	-145,800	-119,882	-287,239	-282,707	-298,601	-268,934	-0.3	-0.4
Independent Power Producers and Combined Heat and Power.....	17,994,818	57,790,941	60,000,330	55,489,236	54,233,434^R	59,300,989	59,657,628	62,862,545	43.1	100.3
Coal.....	2,076,596	7,879,758	8,188,343	7,996,829	8,521,639 ^R	10,248,567 ^R	9,648,690 ^R	10,159,339	5.0	16.2
Petroleum.....	383,576	1,066,103	528,119	1,332,535	1,326,027 ^R	818,365 ^R	170,914 ^R	443,931	0.9	0.7
Natural Gas.....	14,211,117	16,605,946	18,973,727	14,747,331	15,925,719 ^R	15,333,814 ^R	15,639,102 ^R	18,734,869	34.0	29.9
Other Gases ¹	131,982	448,885	90,483	255,374	38,779 ^R	64,932	110,265 ^R	160,549	0.3	0.3
Nuclear.....	-	30,469,230	30,865,675	29,709,201	27,081,566	31,391,685	32,567,885	32,010,376	-	51.1
Hydroelectric.....	18,371	18,002	12,030	38,891	37,503	31,113	35,436	20,909	*	*
Other Renewables ²	1,173,176	843,632	847,199	906,771	805,832 ^R	874,905	916,783	843,578	2.8	1.3
Other ³	-	459,385	494,755	502,304	496,369	537,609 ^R	568,551 ^R	488,994	-	0.8
Total Electric Industry.....	41,756,261	59,421,260	61,569,386	57,399,351	55,882,342^R	60,549,583	60,700,139	62,671,245	100.0	100.0
Coal.....	8,898,206	9,319,040	9,605,054	9,789,563	10,322,484 ^R	11,625,419 ^R	10,861,925 ^R	10,210,670	21.3	16.3
Petroleum.....	768,045	1,296,625	730,633	1,541,552	1,424,853 ^R	940,463 ^R	269,519 ^R	452,771	1.8	0.7
Natural Gas.....	16,987,930	16,708,201	19,069,358	14,775,577	15,962,195 ^R	15,366,165 ^R	15,668,374 ^R	18,752,332	40.7	29.9
Other Gases ¹	131,982	448,885	90,483	255,374	38,779 ^R	64,932	110,265 ^R	160,549	0.3	0.3
Nuclear.....	13,908,074	30,469,230	30,865,675	29,709,201	27,081,566	31,391,685	32,567,885	32,010,376	33.3	51.1
Hydroelectric.....	18,371	18,002	12,030	38,891	37,503	31,113	35,436	20,909	*	*
Other Renewables ²	1,173,176	843,632	847,199	906,771	805,832 ^R	874,905	916,783	843,578	2.8	1.3
Pumped Storage.....	-129,523	-141,740	-145,800	-119,882	-287,239	-282,707	-298,601	-268,934	-0.3	-0.4
Other ³	-	459,385	494,755	502,304	496,369	537,609 ^R	568,551 ^R	488,994	-	0.8

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
New Jersey								
Coal (cents per million Btu)	176	227	187	180	205	218	273	289
Average heat value (Btu per pound).....	13,084	13,000	13,137	13,056	12,868	12,644	12,770	11,890
Average sulfur Content (percent)	1.24	1.57	1.23	1.11	1.58	1.14	1.17	0.88
Petroleum (cents per million Btu).....	299	454	468	604	602	985	970	1,147
Average heat value (Btu per gallon).....	148,488	141,667	143,162	139,250	135,095	134,802	141,505	136,271
Average sulfur Content (percent)	0.35	0.54	0.38	0.16	0.14	0.08	0.19	0.18
Natural Gas (cents per million Btu).....	295	336	404	620	696	963	789	789
Average heat value (Btu per cubic foot).....	1,037	1,030	1,035	1,036	1,031	1,024	1,024	1,034

Btu = British thermal unit.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
New Jersey								
Sulfur Dioxide								
Coal.....	67 ^R	45	44	46	47	63	55	45
Petroleum.....	4	3	2	3	2	2	1	1
Natural Gas.....	*	*	*	*	*	*	*	*
Other Gases.....	* ^R	*	*	*				
Other Renewables ¹	*	*	*	*	*	*	*	*
Other ²	2 ^R	*	*	*	*	*	*	*
Total.....	72 ^R	48 ^R	46 ^R	49 ^R	49 ^R	65 ^R	56 ^R	46
Nitrogen Oxide								
Coal.....	35 ^R	23	24	21	20	22	16	12
Petroleum.....	2 ^R	2	1	2	2	2	1	1
Natural Gas.....	21 ^R	7	9	6	7	6	6	5
Other Gases.....	*	1 ^R	*	*	*	*	*	*
Other Renewables ¹	1 ^R	3						
Other ²	5 ^R	1 ^R	1 ^R	2 ^R	1 ^R	1 ^R	1 ^R	1
Total.....	64 ^R	37 ^R	39 ^R	35 ^R	34 ^R	35 ^R	28 ^R	21
Carbon Dioxide								
Coal.....	9,172	10,323	9,645	9,825	10,364	11,537	10,691	10,363
Petroleum.....	651	1,400	814	1,489	1,354	997	409	409
Natural Gas.....	9,140	9,189	10,635	8,178	8,874	7,880	8,039	9,095
Other ²	849 ^R	840 ^R	878 ^R	712 ^R	697 ^R	689 ^R	721 ^R	717
Total.....	19,813 ^R	21,752 ^R	21,972 ^R	20,205 ^R	21,289 ^R	21,103 ^R	19,861 ^R	20,585

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
New Jersey										
Retail Sales (thousand megawatthours)										
Residential	22,286	25,491	27,171	27,367	28,020	29,973	28,622	29,752	33.8	36.3
Commercial	29,753	34,445	35,429	36,616	38,074	39,762	39,437	40,876	45.1	49.9
Industrial	13,369	12,707	11,476	12,215	11,210	11,862	11,331	11,013	20.3	13.4
Other ¹	507	534	526	NA	NA	NA	NA	NA	0.8	--
Transportation.....	NA	NA	NA	184	290	299	291	293	--	0.4
All Sectors	65,915	73,177	74,603	76,383	77,593	81,897	79,681	81,934	100.0	100.0
Retail Revenue (million dollars).....										
Residential	2,693	2,603	2,820	2,921	3,148	3,518	3,676	4,207	38.8	39.5
Commercial	3,079	3,132	3,155	3,335	3,793	4,218	4,583	5,310	44.3	49.8
Industrial	1,084	1,059	886	976	1,012	1,158	1,180	1,110	15.6	10.4
Other ¹	93	60	78	NA	NA	NA	NA	NA	1.3	--
Transportation.....	NA	NA	NA	13	32	23	28	33	--	0.3
All Sectors	6,950	6,853	6,939	7,245	7,984	8,917	9,467	10,660	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	12.08	10.21	10.38	10.67	11.23	11.74	12.84	14.14	--	--
Commercial	10.35	9.09	8.90	9.11	9.96	10.61	11.62	12.99	--	--
Industrial	8.11	8.33	7.72	7.99	9.03	9.76	10.42	10.08	--	--
Other ¹	18.35	11.21	14.81	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	7.15	10.94	7.65	9.70	11.14	--	--
All Sectors	10.54	9.36	9.30	9.48	10.29	10.89	11.88	13.01	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
New Jersey								
Number of Entities.....	4	9	NA	1	4	16	4	38
Number of Retail Customers	3,796,990	63,079	NA	11,693	4	2,281	NA	3,874,047
Retail Sales (thousand megawatthours).....	63,102	1,222	NA	155	1,279	16,176	NA	81,934
Percentage of Retail Sales	77.02	1.49	--	0.19	1.56	19.74	--	100.00
Revenue from Retail Sales (million dollars)	8,390	154	NA	17	114	1,445	540	10,660
Percentage of Revenue	78.70	1.45	--	0.16	1.07	13.55	5.06	100.00
Average Retail Price (cents/kWh).....	13.28	12.63	NA	11.13	8.92	8.93	3.34	13.01

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
New Jersey								
Supply								
Generation								
Electric Utilities.....	23,761	1,630	1,569	1,910	1,649	1,249	1,043	-191
Independent Power Producers	1,556	41,097	43,924	41,228	42,169	46,809	48,723	51,439
Combined Heat and Power, Electric	13,370	13,418	13,693	12,777	10,705	11,365	9,999	10,653
Electric Power Sector Generation Subtotal	38,687	56,145	59,186	55,916	54,523	59,422	59,765	61,901
Combined Heat and Power, Commercial	153	172	119	133	106	70	115	81
Combined Heat and Power, Industrial.....	2,917	3,104	2,265	1,351	1,254	1,057	820	690
Industrial and Commercial Generation Subtotal	3,069	3,277	2,384	1,484	1,359	1,128	935	771
Total Net Generation	41,756	59,421	61,569	57,399	55,882	60,550	60,700	62,671
Total Supply	41,756	59,421	61,569	57,399	55,882	60,550	60,700	62,671
Disposition								
Retail Sales								
Full Service Providers	65,915	70,136	73,368	68,558	58,768	64,160	62,988	64,479
Energy-Only Providers.....	-	3,042	1,235	6,714	18,574	16,553	15,568	16,176
Facility Direct Retail Sales.....	-	-	-	1,110	252	1,184	1,125	1,279
Total Electric Industry Retail Sales	65,915	73,177	74,603	76,383	77,593	81,897	79,681	81,934
Direct Use	3,152	2,324	2,374	2,404	2,407	2,643	2,210	3,589
Total International Exports	-	-	-	-	*	-	-	-
Estimated Losses	4,702	4,418	5,686	5,888^R	5,721	6,504	6,080	5,906
Total Disposition	73,769	79,919	82,663	84,675^R	85,721	91,044	87,971	91,429
Net Interstate Trade	-32,012	-20,497	-21,093	-27,275^R	-29,839	-30,494	-27,271	-28,758
Net Trade Index (ratio)	0.57	0.74	0.74	0.68	0.65	0.67	0.69	0.69

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
New Mexico		
NERC Region(s).....		SPP/WECC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	7,202	36
Electric Utilities.....	6,324	32
Independent Power Producers & Combined Heat and Power.....	878	40
Net Generation (megawatthours).....	35,985,333	36
Electric Utilities.....	34,033,374	31
Independent Power Producers & Combined Heat and Power.....	1,951,959	44
Emissions (thousand metric tons)		
Sulfur Dioxide	24	38
Nitrogen Oxide.....	66	24
Carbon Dioxide.....	31,452	30
Sulfur Dioxide (lbs/MWh)	1.5	40
Nitrogen Oxide (lbs/MWh)	4.0	5
Carbon Dioxide (lbs/MWh).....	1,927	8
Total Retail Sales (megawatthours).....	22,267,394	39
Full Service Provider Sales (megawatthours)	22,267,394	39
Direct Use (megawatthours)	82,595	46
Average Retail Price (cents/kWh).....	7.44	31

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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. Luna Energy Facility.....	Gas	Public Service Co of NM	559
4. Cunningham.....	Gas	Southwestern Public Service Co	485
5. Escalante	Coal	Tri-State G & T Assn, Inc	247
6. Rio Grande.....	Gas	El Paso Electric Co	236
7. Afton Generating Station.....	Gas	Public Service Co of NM	236
8. New Mexico Wind Energy Center	Other Renewables	FPL Energy New Mexico Wind LLC	204
9. Maddox.....	Gas	Southwestern Public Service Co	179
10. Pyramid.....	Gas	Tri-State G & T Assn, Inc	158

MW = Megawatt.

NM = Not meaningful.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
New Mexico						
1. Public Service Co of NM	Investor-Owned	9,371,704	3,210,651	4,240,967	1,920,086	-
2. Southwestern Public Service Co	Investor-Owned	4,106,037	979,448	1,448,641	1,677,948	-
3. El Paso Electric Co	Investor-Owned	1,593,747	592,148	898,561	103,038	-
4. City of Farmington	Public	1,243,706	254,659	446,629	542,418	-
5. Central Valley Elec Coop, Inc	Cooperative	719,746	58,747	89,849	571,150	-
Total Sales, Top Five Providers		17,034,940	5,095,653	7,124,647	4,814,640	-
Percent of Total State Sales		77	80	80	69	-

NM = Not meaningful.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
New Mexico										
Electric Utilities.....	5,183	5,250	5,463	5,398	5,393	5,692	6,223	6,324	95.6	87.8
Coal.....	3,901	3,942	3,942	3,942	3,937	3,957	3,957	3,957	72.0	54.9
Petroleum.....	23	-	15	35	35	35	26	26	0.4	0.4
Natural Gas.....	1,200	1,226	1,425	1,339	1,339	1,619	2,158	2,259	22.1	31.4
Hydroelectric	60	82	82	82	82	82	82	82	1.1	1.1
Independent Power Producers and Combined Heat and Power	237	409	473	891	937	788	880	878	4.4	12.2
Petroleum.....	41	10	10	10	10	2	2	2	0.8	*
Natural Gas.....	194	397	457	670	656	375	377	375	3.6	5.2
Other Renewables ¹	2	2	6	210	270	410	500	500	*	6.9
Total Electric Industry.....	5,421	5,659	5,936	6,288	6,329	6,480	7,102	7,202	100.0	100.0
Coal.....	3,901	3,942	3,942	3,942	3,937	3,957	3,957	3,957	72.0	54.9
Petroleum.....	64	10	25	45	45	37	28	28	1.2	0.4
Natural Gas.....	1,394	1,623	1,881	2,009	1,995	1,994	2,535	2,634	25.7	36.6
Hydroelectric	60	82	82	82	82	82	82	82	1.1	1.1
Other Renewables ¹	2	2	6	210	270	410	500	500	*	6.9

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
New Mexico										
Electric Utilities.....	30,568,142	32,210,683	29,926,241	31,770,151	32,242,728	33,561,875	35,411,074	34,033,374	97.2	94.6
Coal.....	27,078,660	28,402,187	26,902,880	28,812,844	29,263,899	29,947,248	29,859,008	27,603,647	86.1	76.7
Petroleum.....	21,075	30,210	30,710	47,860	30,321	32,528	40,634	42,969	0.1	0.1
Natural Gas.....	3,209,597	3,540,966	2,728,060	2,738,748	2,809,561	3,417,106	5,313,221	6,118,780	10.2	17.0
Hydroelectric.....	258,810	237,320	264,591	170,699	138,947	164,993	198,211	267,978	0.8	0.7
Independent Power Producers and Combined Heat and Power.....	894,215	1,400,960	735,466	965,502	697,633^R	1,573,767	1,854,551	1,951,959	2.8	5.4
Petroleum.....	1,923	36,002	2,379	2,809	1,055	4,381	852	1,502	*	*
Natural Gas.....	886,080	1,346,306	713,679	779,958	183,113 ^R	770,109 ^R	576,378	541,224	2.8	1.5
Other Renewables ¹	6,212	18,652	19,408	182,735	513,465	799,277 ^R	1,277,321	1,409,233	*	3.9
Total Electric Industry.....	31,462,357	33,611,643	30,661,707	32,735,653	32,940,361^R	35,135,642	37,265,625	35,985,333	100.0	100.0
Coal.....	27,078,660	28,402,187	26,902,880	28,812,844	29,263,899	29,947,248	29,859,008	27,603,647	86.1	76.7
Petroleum.....	22,998	66,212	33,089	50,669	31,376	36,909	41,486	44,471	0.1	0.1
Natural Gas.....	4,095,677	4,887,272	3,441,739	3,518,706	2,992,674 ^R	4,187,215 ^R	5,889,599	6,660,004	13.0	18.5
Hydroelectric.....	258,810	237,320	264,591	170,699	138,947	164,993	198,211	267,978	0.8	0.7
Other Renewables ¹	6,212	18,652	19,408	182,735	513,465	799,277 ^R	1,277,321	1,409,233	*	3.9

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

R = Revised.

* = 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 *).

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
New Mexico								
Coal (cents per million Btu)	134	147	153	143	148	151	156	179
Average heat value (Btu per pound).....	9,069	9,250	9,444	9,164	9,225	9,173	9,282	9,198
Average sulfur Content (percent).....	0.81	0.72	0.73	0.73	0.72	0.79	0.76	0.77
Petroleum (cents per million Btu).....	575	631	614	W	W	W	W	W
Average heat value (Btu per gallon).....	136,000	139,524	136,000	136,048	136,007	136,252	136,024	136,026
Average sulfur Content (percent).....	0.94	1.00	0.13	-	-	0.01	-	0.01
Natural Gas (cents per million Btu).....	259	415	304	W	W	W	W	W
Average heat value (Btu per cubic foot).....	1,017	980	997	996	1,000	1,002	997	1,005

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
New Mexico								
Sulfur Dioxide								
Coal.....	75	57	46	46	35	28	28	24
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	*	*	*	*	*	*	*
Total.....	75 ^R	57 ^R	46 ^R	46 ^R	35 ^R	28 ^R	28 ^R	24
Nitrogen Oxide								
Coal.....	73	72	68	67	65	66	68	62
Petroleum.....	*	1	*	*	*	*	*	*
Natural Gas.....	4	5	4	4	3	4	4	3
Other Renewables ¹	*	*	*	-	-	-	*	*
Total.....	77 ^R	78 ^R	72 ^R	71 ^R	68 ^R	69 ^R	72 ^R	66
Carbon Dioxide								
Coal.....	27,387	28,197	26,956	28,993	29,356	30,173	30,011	28,092
Petroleum.....	19	57	24	37	23	27	30	34
Natural Gas.....	2,472	2,980	2,172	2,147	1,891	2,540	3,009	3,327
Total.....	29,878 ^R	31,234 ^R	29,151 ^R	31,177 ^R	31,269 ^R	32,740 ^R	33,051 ^R	31,452

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
New Mexico										
Retail Sales (thousand megawatthours)										
Residential	4,502	4,999	5,238	5,418	5,635	5,865	6,009	6,387	25.7	28.7
Commercial	5,440	6,844	7,000	8,063	8,239	8,411	8,604	8,932	31.0	40.1
Industrial	6,187	5,272	5,316	5,849	5,972	6,363	6,822	6,948	35.3	31.2
Other ¹	1,399	1,612	1,653	NA	NA	NA	NA	NA	8.0	--
All Sectors	17,528	18,727	19,207	19,330	19,846	20,639	21,435	22,267	100.0	100.0
Retail Revenue (million dollars)										
Residential	402	437	445	471	488	536	544	582	33.7	35.2
Commercial	431	513	505	593	609	657	655	685	36.1	41.3
Industrial	273	287	238	290	312	357	380	389	22.9	23.5
Other ¹	86	103	103	NA	NA	NA	NA	NA	7.2	--
All Sectors	1,192	1,340	1,292	1,354	1,409	1,549	1,579	1,656	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	8.92	8.74	8.50	8.69	8.67	9.13	9.06	9.12	--	--
Commercial	7.92	7.50	7.22	7.36	7.39	7.81	7.61	7.66	--	--
Industrial	4.42	5.45	4.48	4.95	5.22	5.61	5.57	5.60	--	--
Other ¹	6.17	6.37	6.23	NA	NA	NA	NA	NA	--	--
All Sectors	6.80	7.16	6.73	7.00	7.10	7.51	7.37	7.44	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	3	8	1	21	NA	NA	NA	33
Number of Retail Customers	685,277	82,494	11	201,299	NA	NA	NA	969,081
Retail Sales (thousand megawatthours)	15,071	2,283	415	4,498	NA	NA	NA	22,267
Percentage of Retail Sales	67.68	10.25	1.86	20.20	--	--	--	100.00
Revenue from Retail Sales (million dollars)	1,101	166	16	373	NA	NA	NA	1,656
Percentage of Revenue	66.50	10.03	0.97	22.51	--	--	--	100.00
Average Retail Price (cents/kWh)	7.31	7.28	3.86	8.28	NA	NA	NA	7.44

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
New Mexico								
Supply								
Generation								
Electric Utilities	30,568	32,211	29,926	31,770	32,243	33,562	35,411	34,033
Independent Power Producers	-	370	40	273	589	805	1,291	1,404
Combined Heat and Power, Electric	507	493	496	504	-	479	479	472
Electric Power Sector Generation Subtotal	31,075	33,074	30,462	32,548	32,831	34,846	37,181	35,909
Combined Heat and Power, Commercial	60	57	56	55	42	51	49	58
Combined Heat and Power, Industrial	328	481	143	133	67	239	35	18
Industrial and Commercial Generation Subtotal	387	537	199	188	109	290	85	76
Total Net Generation	31,462	33,612	30,662	32,736	32,940	35,136	37,266	35,985
Total International Imports	-	-	15	23 ^R	79	82 ^R	30	37
Total Supply	31,462	33,612	30,677	32,759^R	33,019	35,218^R	37,296	36,022
Disposition								
Retail Sales								
Full Service Providers	17,528	18,727	19,207	19,330	19,846	20,639	21,435	22,267
Total Electric Industry Retail Sales	17,528	18,727	19,207	19,330	19,846	20,639	21,435	22,267
Direct Use	429	430	440	445	446	78	93	83
Total International Exports	-	-	-	-	22	98	65	62
Estimated Losses	1,250	1,425	1,524	846	1,302	1,768	1,853	1,537
Total Disposition	19,208	20,582	21,171	20,622	21,616	22,582	23,446	23,948
Net Interstate Trade	12,255	13,030	9,506	12,137^R	11,403	12,636^R	13,850	12,074
Net Trade Index (ratio)	1.64	1.63	1.45	1.59	1.53	1.56	1.59	1.50

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
New York		
NERC Region(s).....		NPCC
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	39,121	6
Electric Utilities.....	12,056	19
Independent Power Producers & Combined Heat and Power.....	27,065	5
Net Generation (megawatthours).....	145,878,687	7
Electric Utilities.....	40,247,883	29
Independent Power Producers & Combined Heat and Power.....	105,630,804	5
Emissions (thousand metric tons)		
Sulfur Dioxide	123	21
Nitrogen Oxide.....	60	28
Carbon Dioxide.....	53,262	18
Sulfur Dioxide (lbs/MWh)	1.9	37
Nitrogen Oxide (lbs/MWh)	0.9	44
Carbon Dioxide (lbs/MWh).....	805	42
Total Retail Sales (megawatthours).....	148,177,523	6
Full Service Provider Sales (megawatthours)	86,555,755	14
Deregulated Sales (megawatthours).....	61,621,768	1
Direct Use (megawatthours)	1,617,064	22
Average Retail Price (cents/kWh).....	15.22	3

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
New York			
1. Robert Moses Niagara	Hydroelectric	New York Power Authority	2,353
2. Ravenswood.....	Gas	KeySpan-Ravenswood Inc	2,319
3. Nine Mile Point Nuclear Station	Nuclear	Nine Mile Point Nuclear Sta LLC	1,761
4. Oswego Harbor Power.....	Petroleum	NRG Oswego Harbor Power Operations Inc	1,669
5. Northport	Petroleum	KeySpan Generation LLC	1,582
6. Astoria Generating Station	Gas	U S Power Generating Company LLC	1,296
7. Roseton Generating Station.....	Petroleum	Dynegy Northeast Gen Inc	1,213
8. Bowline Point	Gas	Mirant New York Inc	1,139
9. Athens Generating Plant.....	Gas	New Athens Generating Company LLC	1,138
10. Blenheim Gilboa.....	Pumped Storage	New York Power Authority	1,057

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
New York						
1. Consolidated Edison Co-NY Inc	Investor-Owned	25,314,648	12,312,008	12,743,413	245,799	13,428
2. Long Island Power Authority	Public	18,750,900	9,508,007	8,968,607	-	274,286
3. Niagara Mohawk Power Corp.	Investor-Owned	16,466,039	10,139,717	4,690,828	1,634,915	579
4. New York Power Authority.....	Public	15,617,686	-	7,652,366	5,061,626	2,903,694
5. New York State Elec & Gas Corp.....	Investor-Owned	9,742,841	5,659,267	2,446,765	1,608,935	27,874
Total Sales, Top Five Providers		85,892,114	37,618,999	36,501,979	8,551,275	3,219,861
Percent of Total State Sales		58	75	49	42	95

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
New York										
Electric Utilities.....	29,985	11,572	11,675	11,902	11,386	11,927	12,046	12,056	84.3	30.8
Coal.....	3,880	302	302	302	297	297	297	297	10.9	0.8
Petroleum.....	12,759	3,638	3,638	3,688	2,642	2,450	2,468	2,465	35.9	6.3
Natural Gas.....	3,249	2,682	2,783	2,908	3,894	4,628	4,628	4,644	9.1	11.9
Nuclear.....	4,961	498	498	498	-	-	-	-	13.9	-
Hydroelectric.....	3,855	3,155	3,158	3,210	3,256	3,256	3,356	3,354	10.8	8.6
Pumped Storage.....	1,280	1,297	1,297	1,297	1,297	1,297	1,297	1,297	3.6	3.3
Independent Power Producers and Combined Heat and Power	5,592	24,080	24,366	24,795	26,457	27,195	27,505	27,065	15.7	69.2
Coal.....	372	3,811	3,842	3,924	3,904	3,921	3,717	3,273	1.0	8.4
Petroleum.....	199	4,155	4,218	4,768	4,766	4,782	4,773	4,821	0.6	12.3
Natural Gas.....	4,222	10,242	10,415	10,249	11,380	11,867	12,189	12,083	11.9	30.9
Other Gases ¹	23	-	-	-	-	-	-	-	0.1	-
Nuclear.....	-	4,550	4,550	4,531	5,067	5,150	5,156	5,156	-	13.2
Hydroelectric.....	359	957	952	950	954	951	951	947	1.0	2.4
Other Renewables ²	417	365	390	373	386	525	720	786	1.2	2.0
Total Electric Industry.....	35,576	35,653	36,041	36,696	37,842	39,122	39,550	39,121	100.0	100.0
Coal.....	4,252	4,113	4,144	4,226	4,201	4,218	4,014	3,570	12.0	9.1
Petroleum.....	12,958	7,793	7,856	8,456	7,407	7,231	7,241	7,286	36.4	18.6
Natural Gas.....	7,471	12,925	13,197	13,156	15,274	16,494	16,816	16,727	21.0	42.8
Other Gases ¹	23	-	-	-	-	-	-	-	0.1	-
Nuclear.....	4,961	5,047	5,047	5,028	5,067	5,150	5,156	5,156	13.9	13.2
Hydroelectric.....	4,214	4,113	4,109	4,160	4,210	4,207	4,307	4,301	11.8	11.0
Other Renewables ²	417	365	390	373	386	525	720	786	1.2	2.0
Pumped Storage.....	1,280	1,297	1,297	1,297	1,297	1,297	1,297	1,297	3.6	3.3

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
New York										
Electric Utilities.....	108,098,599	58,568,850	43,466,278	41,578,894	40,955,819	39,962,653	41,598,844	40,247,883	76.8	27.6
Coal.....	21,752,103	2,087,952	1,682,022	1,693,854	1,707,414	1,108,151	1,211,432	1,359,061	15.4	0.9
Petroleum.....	8,141,829	9,177,172	7,434,611	9,681,490	9,159,172	9,769,302	3,927,419	4,449,368	5.8	3.1
Natural Gas.....	20,705,736	8,871,000	10,798,275	7,737,717	7,210,772	8,113,145	15,424,911	14,300,643	14.7	9.8
Nuclear.....	29,569,618	20,753,492	3,826,848	3,864,019	1,917,259	-	-	-	21.0	-
Hydroelectric.....	29,004,673	18,609,754	20,645,746	19,513,620	21,774,373	21,752,786	21,791,238	20,907,191	20.6	14.3
Other Renewables ¹	17,793	-	-	-	-	-	-	-	*	-
Pumped Storage.....	-1,093,153	-930,520	-921,224	-911,806	-813,171	-780,731	-756,156	-768,380	-0.8	-0.5
Independent Power Producers and Combined Heat and Power.....	32,733,049	85,345,709	96,125,411	96,064,422	97,008,974	106,924,766	100,666,588	105,630,804	23.2	72.4
Coal.....	2,306,691	21,343,970	21,557,091	21,887,213	21,145,290 ^R	19,489,489 ^R	19,756,408 ^R	20,046,481	1.6	13.7
Petroleum.....	446,547	7,334,921	4,099,498	9,610,109	12,046,026 ^R	14,243,481 ^R	2,850,620 ^R	3,745,741	0.3	2.6
Natural Gas.....	25,575,180	29,826,215	27,652,917	20,418,631	20,083,273 ^R	23,759,556 ^R	26,708,967 ^R	31,332,988	18.2	21.5
Other Gases ²	107,411	114,537	-	-	-	-	-	-	0.1	-
Nuclear.....	-	19,641,493	35,790,643	36,815,186	38,723,046	42,443,152	42,223,899	42,452,854	-	29.1
Hydroelectric.....	1,613,322	4,474,201	4,402,149	4,755,040	2,215,288 ^R	4,029,732	5,553,417	4,345,364	1.1	3.0
Other Renewables ¹	2,683,898	1,801,072	1,807,668	1,735,500	1,911,676 ^R	1,988,449 ^R	2,596,641 ^R	2,775,084	1.9	1.9
Other ³	-	809,300	815,443	842,742	884,375 ^R	970,907 ^R	976,636 ^R	932,292	-	0.6
Total Electric Industry.....	140,831,648	143,914,559	139,591,689	137,643,316	137,964,794^R	146,887,419	142,265,432	145,878,687	100.0	100.0
Coal.....	24,058,794	23,431,922	23,239,113	23,581,067	22,852,704 ^R	20,597,640 ^R	20,967,840 ^R	21,405,542	17.1	14.7
Petroleum.....	8,588,376	16,512,093	11,534,109	19,291,599	21,205,198 ^R	24,012,783 ^R	6,778,039 ^R	8,195,109	6.1	5.6
Natural Gas.....	46,280,916	38,697,215	38,451,192	28,156,348	27,294,045 ^R	31,872,701 ^R	42,133,878 ^R	45,633,631	32.9	31.3
Other Gases ²	107,411	114,537	-	-	-	-	-	-	0.1	-
Nuclear.....	29,569,618	40,394,985	39,617,491	40,679,205	40,640,305	42,443,152	42,223,899	42,452,854	21.0	29.1
Hydroelectric.....	30,617,995	23,083,955	25,047,895	24,268,660	23,989,661 ^R	25,782,518	27,344,655	25,252,555	21.7	17.3
Other Renewables ¹	2,701,691	1,801,072	1,807,668	1,735,500	1,911,676 ^R	1,988,449 ^R	2,596,641 ^R	2,775,084	1.9	1.9
Pumped Storage.....	-1,093,153	-930,520	-921,224	-911,806	-813,171	-780,731	-756,156	-768,380	-0.8	-0.5
Other ³	-	809,300	815,443	842,742	884,375 ^R	970,907 ^R	976,636 ^R	932,292	-	0.6

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
New York								
Coal (cents per million Btu)	142	142	155	159	176	213	240	241
Average heat value (Btu per pound).....	13,105	13,025	13,019	12,545	12,063	11,832	11,584	11,382
Average sulfur Content (percent)	1.80	1.97	1.78	1.80	1.66	1.40	1.36	1.37
Petroleum (cents per million Btu).....	284	350	366	493	486	731	800	799
Average heat value (Btu per gallon).....	150,326	149,286	149,371	149,998	149,024	148,914	150,136	151,036
Average sulfur Content (percent)	0.60	0.65	1.02	0.67	0.89	0.72	0.63	0.57
Natural Gas (cents per million Btu).....	281	405	399	605	653	905	761	795
Average heat value (Btu per cubic foot).....	1,026	1,010	1,019	1,025	1,021	1,019	1,018	1,018

Btu = British thermal unit.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
New York								
Sulfur Dioxide								
Coal.....	241 ^R	198	194	187	158	121	100	93
Petroleum.....	38	62	43	70	76	65	21	24
Natural Gas.....	*	*	*	*	*	*	*	*
Other Gases.....	* ^R	-	-	-	-	-	-	-
Other Renewables ¹	2 ^R	1 ^R	6					
Other ²	3 ^R	*	*	1 ^R	*	*	*	*
Total.....	284 ^R	261 ^R	239 ^R	259 ^R	236 ^R	187 ^R	122 ^R	123
Nitrogen Oxide								
Coal.....	57 ^R	46	46	39	33	30	29	27
Petroleum.....	20 ^R	25	16	24	28	28	13	13
Natural Gas.....	37 ^R	17	22	14	13	15	11	10
Other Gases.....	*	-	-	-	-	-	-	-
Other Renewables ¹	5 ^R	6 ^R	6 ^R	7 ^R	8 ^R	8 ^R	9 ^R	8
Other ²	9 ^R	2 ^R	2 ^R	2 ^R	3 ^R	2 ^R	3 ^R	2
Total.....	128 ^R	97 ^R	91 ^R	86 ^R	85 ^R	82 ^R	64 ^R	60
Carbon Dioxide								
Coal.....	25,046	24,280	23,496	24,072	23,407	21,536	21,542	21,800
Petroleum.....	7,529	14,449	10,046	16,337	18,044	20,237	6,143	7,234
Natural Gas.....	24,059	20,216	20,715	15,007	14,481	16,954	21,526	22,570
Other ²	1,488 ^R	1,518 ^R	1,514 ^R	1,531 ^R	1,604 ^R	1,719 ^R	1,750 ^R	1,658
Total.....	58,122 ^R	60,463 ^R	55,771 ^R	56,946 ^R	57,535 ^R	60,445 ^R	50,961 ^R	53,262

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
New York										
Retail Sales (thousand megawatthours)										
Residential	40,059	44,236	46,457	47,116	47,379	50,533	48,427	50,241	30.4	33.9
Commercial	54,231	60,806	62,271	72,495	74,378	76,822	76,029	74,326	41.1	50.2
Industrial	25,285	25,450	25,148	21,745	20,675	19,947	14,976	20,213	19.2	13.6
Other ¹	12,369	13,689	13,565	NA	NA	NA	NA	NA	9.4	--
Transportation.....	NA	NA	NA	2,689	2,650	2,846	2,806	3,397	--	2.3
All Sectors	131,944	144,181	147,440	144,045	145,082	150,148	142,238	148,178	100.0	100.0
Retail Revenue (million dollars).....										
Residential	5,656	6,209	6,295	6,743	6,890	7,945	8,181	8,591	38.5	38.1
Commercial	6,577	7,827	7,681	9,372	9,654	11,031	11,793	11,829	44.8	52.4
Industrial	1,314	1,414	1,302	1,552	1,455	1,641	1,407	1,761	9.0	7.8
Other ¹	1,134	1,201	1,177	NA	NA	NA	NA	NA	7.7	--
Transportation.....	NA	NA	NA	252	210	324	335	373	--	1.7
All Sectors	14,682	16,651	16,454	17,920	18,209	20,941	21,716	22,553	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	14.12	14.04	13.55	14.31	14.54	15.72	16.89	17.10	--	--
Commercial	12.13	12.87	12.33	12.93	12.98	14.36	15.51	15.92	--	--
Industrial	5.20	5.56	5.18	7.14	7.04	8.23	9.39	8.71	--	--
Other ¹	9.17	8.77	8.68	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	9.38	7.92	11.39	11.94	10.96	--	--
All Sectors	11.13	11.55	11.16	12.44	12.55	13.95	15.27	15.22	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
New York								
Number of Entities.....	8	48	NA	4	3	37	8	108
Number of Retail Customers	5,730,961	1,270,001	NA	17,650	1,871	941,752	NA	7,962,235
Retail Sales (thousand megawatthours).....	62,639	23,460	NA	200	256	61,622	NA	148,178
Percentage of Retail Sales	42.27	15.83	--	0.13	0.17	41.59	--	100.00
Revenue from Retail Sales (million dollars)	10,245	3,695	NA	22	22	5,834	2,736	22,553
Percentage of Revenue	45.43	16.38	--	0.10	0.10	25.87	12.13	100.00
Average Retail Price (cents/kWh).....	16.36	15.75	NA	10.77	8.50	9.47	4.44	15.22

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
New York								
Supply								
Generation								
Electric Utilities	108,099	58,569	43,466	41,579	40,956	39,963	41,599	40,248
Independent Power Producers	3,187	62,191	76,297	77,979	81,182	90,252	86,965	91,333
Combined Heat and Power, Electric	25,109	20,401	17,189	15,615	13,744	14,475	11,624	12,388
Electric Power Sector Generation Subtotal	136,394	141,161	136,952	135,173	135,882	144,690	140,187	143,969
Combined Heat and Power, Commercial	1,029	621	567	551	614	672	727	663
Combined Heat and Power, Industrial	3,409	2,133	2,073	1,920	1,468	1,525	1,351	1,246
Industrial and Commercial Generation Subtotal	4,437	2,754	2,639	2,471	2,083	2,197	2,078	1,909
Total Net Generation	140,832	143,915	139,592	137,643	137,965	146,887	142,265	145,879
Total International Imports	3,045	11,845	14,075	10,000^R	9,458	10,717	12,495	14,366
Total Supply	143,876	155,760	153,667	147,643^R	147,423	157,605	154,761	160,245
Disposition								
Retail Sales								
Full Service Providers	131,936	125,595	123,932	100,096	95,980	93,237	86,258	86,299
Energy-Only Providers	8	18,586	23,508	43,657	48,731	56,673	55,136	61,622
Facility Direct Retail Sales	-	-	-	291	370	238	844	256
Total Electric Industry Retail Sales	131,944	144,181	147,440	144,045	145,082	150,148	142,238	148,178
Direct Use	3,936	4,075	4,164	4,217	4,221	3,803	1,718	1,617
Total International Exports	1,495	4,083	3,111	4,511	4,264	3,404^R	2,510	3,078
Estimated Losses	9,412	4,154	7,233	7,407^R	15,133	12,004^R	6,700	7,672
Total Disposition	146,786	156,493	161,948	160,179^R	168,700	169,358^R	153,166	160,545
Net Interstate Trade	-2,910	-733	-8,281	-12,536^R	-21,277^R	-11,753^R	1,595	-301
Net Trade Index (ratio)	0.98	1.00	0.95	0.92	0.87	0.93	1.01	1.00

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
North Carolina		
NERC Region(s).....		SERC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	27,644	12
Electric Utilities.....	25,500	4
Independent Power Producers & Combined Heat and Power.....	2,144	34
Net Generation (megawatthours).....	130,115,301	11
Electric Utilities.....	123,215,621	4
Independent Power Producers & Combined Heat and Power.....	6,899,680	35
Emissions (thousand metric tons)		
Sulfur Dioxide	365	7
Nitrogen Oxide.....	61	27
Carbon Dioxide.....	78,533	12
Sulfur Dioxide (lbs/MWh)	6.2	13
Nitrogen Oxide (lbs/MWh)	1.0	39
Carbon Dioxide (lbs/MWh).....	1,331	28
Total Retail Sales (megawatthours).....	131,880,754	9
Full Service Provider Sales (megawatthours)	131,880,754	7
Direct Use (megawatthours)	2,742,956	14
Average Retail Price (cents/kWh).....	7.83	27

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
North Carolina			
1. Roxboro	Coal	Progress Energy Carolinas Inc	2,380
2. Belews Creek.....	Coal	Duke Energy Carolinas, LLC	2,270
3. McGuire.....	Nuclear	Duke Energy Carolinas, LLC	2,200
4. Marshall	Coal	Duke Energy Carolinas, LLC	2,110
5. Brunswick	Nuclear	Progress Energy Carolinas Inc	1,875
6. Lincoln Combustion	Gas	Duke Energy Carolinas, LLC	1,267
7. Richmond.....	Gas	Progress Energy Carolinas Inc	1,231
8. G G Allen.....	Coal	Duke Energy Carolinas, LLC	1,145
9. Rowan.....	Gas	Southern Power Co	974
10. Harris	Nuclear	Progress Energy Carolinas Inc	900

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Duke Energy Carolinas, LLC	Investor-Owned	57,009,216	20,980,559	21,828,892	14,199,743	22
2. Progress Energy Carolinas Inc	Investor-Owned	37,733,313	15,001,238	13,581,109	9,150,966	-
3. Virginia Electric & Power Co	Investor-Owned	4,261,097	1,578,818	958,645	1,723,634	-
4. EnergyUnited Elec Member Corp	Cooperative	2,258,578	1,540,352	562,114	156,112	-
5. Public Works Comm-City of Fayetteville	Public	2,112,387	919,636	852,450	340,301	-
Total Sales, Top Five Providers		103,374,591	40,020,603	37,783,210	25,570,756	22
Percent of Total State Sales		78	71	81	88	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Electric Utilities.....	21,054	23,478	23,652	23,726	23,671	23,822	24,553	25,500	92.2	92.2
Coal.....	12,440	12,440	12,440	12,440	12,495	12,487	12,439	12,394	54.5	44.8
Petroleum.....	791	790	836	836	541	540	509	510	3.5	1.8
Natural Gas	1,511	3,931	4,010	4,010	4,035	4,200	4,975	5,597	6.6	20.2
Nuclear.....	4,749	4,731	4,731	4,783	4,938	4,938	4,975	4,975	20.8	18.0
Hydroelectric	1,564	1,490	1,538	1,562	1,567	1,562	1,571	1,940	6.8	7.0
Other Renewables ¹	-	2	2	-	-	-	-	-	-	-
Pumped Storage.....	-	94	94	94	95	95	84	84	-	0.3
Independent Power Producers and Combined Heat and Power	1,783	2,598	3,023	3,537	3,438	3,284	2,508	2,144	7.8	7.8
Coal.....	912	882	828	828	731	709	674	674	4.0	2.4
Petroleum.....	42	49	50	54	53	53	53	53	0.2	0.2
Natural Gas	207	1,000	1,465	1,977	1,962	1,797	1,022	1,019	0.9	3.7
Hydroelectric	364	377	376	376	385	383	383	19	1.6	0.1
Other Renewables ¹	221	253	266	264	270	305	338	342	1.0	1.2
Other ²	37	37	37	37	37	37	37	37	0.2	0.1
Total Electric Industry.....	22,837	26,076	26,674	27,263	27,110	27,107	27,061	27,644	100.0	100.0
Coal.....	13,352	13,322	13,268	13,268	13,226	13,196	13,113	13,068	58.5	47.3
Petroleum.....	832	839	887	891	595	594	563	564	3.6	2.0
Natural Gas	1,718	4,931	5,475	5,987	5,997	5,997	5,997	6,616	7.5	23.9
Nuclear.....	4,749	4,731	4,731	4,783	4,938	4,938	4,975	4,975	20.8	18.0
Hydroelectric	1,927	1,867	1,914	1,939	1,951	1,945	1,954	1,960	8.4	7.1
Other Renewables ¹	221	255	268	264	270	305	338	342	1.0	1.2
Pumped Storage.....	-	94	94	94	95	95	84	84	-	0.3
Other ²	37	37	37	37	37	37	37	37	0.2	0.1

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
North Carolina										
Electric Utilities.....	107,371,092	109,807,278	115,597,653	118,433,112	118,328,694	121,674,733	117,797,331	123,215,621	93.0	94.7
Coal.....	70,181,392	68,775,284	71,223,313	70,630,278	71,956,852	74,915,235	72,311,023	76,611,703	60.8	58.9
Petroleum.....	211,974	412,765	376,170	459,947	250,402	231,141	219,114	236,042	0.2	0.2
Natural Gas.....	376,599	999,515	1,935,684	1,257,328	2,019,290	2,573,322	2,476,836	3,503,270	0.3	2.7
Nuclear.....	32,453,074	37,775,025	39,626,849	40,906,900	40,090,623	39,981,739	39,963,184	40,044,705	28.1	30.8
Hydroelectric.....	3,894,248	1,844,689	2,410,462	5,059,386	3,933,276	3,826,791	2,695,832	2,682,904	3.4	2.1
Pumped Storage.....	253,805	-	25,175	119,273	78,251	146,505	131,342	136,996	0.2	0.1
Independent Power Producers and Combined Heat and Power.....	8,123,597	7,688,572	8,870,376	9,149,208	8,001,263^R	8,073,845	7,417,453	6,899,680	7.0	5.3
Coal.....	3,890,649	4,182,483	3,964,428	4,145,953	3,589,263 ^R	3,520,465 ^R	3,175,982 ^R	3,371,335	3.4	2.6
Petroleum.....	284,535	242,979	215,856	323,748	360,507 ^R	287,728 ^R	232,024 ^R	259,647	0.2	0.2
Natural Gas.....	323,337	534,840	1,625,186	323,038	539,364 ^R	586,055 ^R	718,727 ^R	953,373	0.3	0.7
Other Gases ¹	-	991	863	17	-	-	-	-	-	-
Hydroelectric.....	1,731,636	751,016	1,081,586	2,141,558	1,501,923	1,569,711	1,143,180	301,255	1.5	0.2
Other Renewables ²	1,657,389	1,751,290	1,786,255	1,975,716	1,732,802 ^R	1,807,148 ^R	1,828,305 ^R	1,672,219	1.4	1.3
Other ³	236,051	224,973	196,202	239,178	277,403 ^R	302,737 ^R	319,235 ^R	341,852	0.2	0.3
Total Electric Industry.....	115,494,689	117,495,850	124,468,029	127,582,320	126,329,957^R	129,748,578	125,214,784	130,115,301	100.0	100.0
Coal.....	74,072,041	72,957,767	75,187,741	74,776,231	75,546,115 ^R	78,435,700 ^R	75,487,005 ^R	79,983,038	64.1	61.5
Petroleum.....	496,509	655,744	592,026	783,695	610,909 ^R	518,869 ^R	451,138 ^R	495,689	0.4	0.4
Natural Gas.....	699,936	1,534,355	3,560,870	1,580,366	2,558,654 ^R	3,159,377 ^R	3,195,563 ^R	4,456,643	0.6	3.4
Other Gases ¹	-	991	863	17	-	-	-	-	-	-
Nuclear.....	32,453,074	37,775,025	39,626,849	40,906,900	40,090,623	39,981,739	39,963,184	40,044,705	28.1	30.8
Hydroelectric.....	5,625,884	2,595,705	3,492,048	7,200,944	5,435,199	5,396,502	3,839,012	2,984,159	4.9	2.3
Other Renewables ²	1,657,389	1,751,290	1,786,255	1,975,716	1,732,802 ^R	1,807,148 ^R	1,828,305 ^R	1,672,219	1.4	1.3
Pumped Storage.....	253,805	-	25,175	119,273	78,251	146,505	131,342	136,996	0.2	0.1
Other ³	236,051	224,973	196,202	239,178	277,403 ^R	302,737 ^R	319,235 ^R	341,852	0.2	0.3

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	143	159	176	178	200	240	269	274
Average heat value (Btu per pound).....	12,368	12,380	12,422	12,423	12,345	12,309	12,268	12,374
Average sulfur Content (percent)	0.90	0.86	0.85	0.87	0.86	0.88	0.91	1.01
Petroleum (cents per million Btu).....	428	584	467	623	715	W	W	W
Average heat value (Btu per gallon).....	138,264	145,952	144,098	140,848	141,338	142,869	139,114	146,617
Average sulfur Content (percent)	0.21	0.24	0.98	0.48	0.73	0.76	0.36	1.34
Natural Gas (cents per million Btu).....	311	435	344	560	658	W	W	W
Average heat value (Btu per cubic foot).....	1,037	1,020	1,012	1,032	1,036	1,037	1,035	1,034

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
North Carolina								
Sulfur Dioxide								
Coal.....	505 ^R	430	437	437	443	469	438	356
Petroleum.....	8 ^R	4	3	4	2	2	2	2
Natural Gas	* ^R	*	*	*	*	*	*	*
Other Renewables ¹	14 ^R	12 ^R	8 ^R	9 ^R	10 ^R	10 ^R	7 ^R	6
Other ²	*	* ^R	1					
Total.....	527 ^R	445 ^R	450 ^R	450 ^R	456 ^R	482 ^R	447 ^R	365
Nitrogen Oxide								
Coal.....	270 ^R	144	144	129	113	103	97	57
Petroleum.....	3 ^R	3	2	3	1	1	1	1
Natural Gas	1	1	2	1	1	1	1	1
Other Renewables ¹	5 ^R	5 ^R	3 ^R	4 ^R	2 ^R	2 ^R	1 ^R	2
Other ²	*	*	*	*	*	*	*	*
Total.....	280 ^R	152 ^R	152 ^R	136 ^R	116 ^R	107 ^R	100 ^R	61
Carbon Dioxide								
Coal.....	68,367	68,176	69,715	69,766	70,249	73,425	70,627	75,377
Petroleum.....	1,363	1,265	1,070	1,259	957	864	813	807
Natural Gas	577	936	1,741	789	1,172	1,478	1,560	2,215
Other ²	49 ^R	84 ^R	61 ^R	82 ^R	105 ^R	124 ^R	139 ^R	134
Total.....	70,356 ^R	70,461 ^R	72,588 ^R	71,897 ^R	72,483 ^R	75,890 ^R	73,138 ^R	78,533

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
North Carolina										
Retail Sales (thousand megawatthours)										
Residential	40,611	46,201	49,854	49,349	51,717	54,073	52,851	56,095	37.2	42.5
Commercial	31,388	37,744	39,277	41,672	42,864	44,161	44,585	46,807	28.8	35.5
Industrial	35,095	32,931	31,381	30,314	31,075	30,101	29,263	28,978	32.2	22.0
Other ¹	1,955	2,151	2,174	NA	NA	NA	NA	NA	1.8	--
Transportation.....	NA	NA	NA	NA	NA	*	*	*	--	*
All Sectors	109,050	119,027	122,686	121,335	125,657	128,335	126,699	131,881	100.0	100.0
Retail Revenue (million dollars).....										
Residential	3,263	3,750	4,085	4,106	4,369	4,680	4,818	5,271	46.2	51.0
Commercial	2,018	2,423	2,559	2,770	2,871	3,028	3,195	3,477	28.6	33.7
Industrial	1,655	1,518	1,474	1,453	1,516	1,516	1,531	1,584	23.4	15.3
Other ¹	133	144	146	NA	NA	NA	NA	NA	1.9	--
Transportation.....	NA	NA	NA	NA	NA	*	*	*	--	*
All Sectors	7,068	7,835	8,263	8,329	8,756	9,224	9,544	10,332	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	8.03	8.12	8.19	8.32	8.45	8.65	9.12	9.40	--	--
Commercial	6.43	6.42	6.51	6.65	6.70	6.86	7.17	7.43	--	--
Industrial	4.71	4.61	4.70	4.79	4.88	5.04	5.23	5.47	--	--
Other ¹	6.78	6.68	6.70	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	NA	NA	8.33	3.23	9.09	--	--
All Sectors	6.48	6.58	6.74	6.86	6.97	7.19	7.53	7.83	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
North Carolina								
Number of Entities.....	3	72	1	32	NA	NA	NA	108
Number of Retail Customers	3,171,027	580,644	5	989,574	NA	NA	NA	4,741,250
Retail Sales (thousand megawatthours).....	99,004	15,966	6	16,905	NA	NA	NA	131,881
Percentage of Retail Sales	75.07	12.11	*	12.82	--	--	--	100.00
Revenue from Retail Sales (million dollars)	7,182	1,431	*	1,718	NA	NA	NA	10,332
Percentage of Revenue	69.51	13.85	*	16.63	--	--	--	100.00
Average Retail Price (cents/kWh).....	7.25	8.96	7.06	10.17	NA	NA	NA	7.83

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
North Carolina								
Supply								
Generation								
Electric Utilities	107,371	109,807	115,598	118,433	118,329	121,675	117,797	123,216
Independent Power Producers	1,793	810	1,914	1,943	1,699	1,863	1,815	1,686
Combined Heat and Power, Electric	1,467	3,343	3,272	3,575	3,207	3,064	2,854	3,034
Electric Power Sector Generation Subtotal	110,631	113,961	120,784	123,951	123,234	126,602	122,467	127,936
Combined Heat and Power, Commercial	105	95	106	102	119	131	101	76
Combined Heat and Power, Industrial	4,758	3,440	3,578	3,529	2,977	3,015	2,648	2,103
Industrial and Commercial Generation Subtotal	4,863	3,535	3,684	3,631	3,096	3,147	2,748	2,180
Total Net Generation	115,495	117,496	124,468	127,582	126,330	129,749	125,215	130,115
Total Supply	115,495	117,496	124,468	127,582	126,330	129,749	125,215	130,115
Disposition								
Retail Sales								
Full Service Providers	109,050	119,027	122,686	121,304	125,657	128,335	126,699	131,881
Facility Direct Retail Sales	-	-	-	31	-	-	-	-
Total Electric Industry Retail Sales	109,050	119,027	122,686	121,335	125,657	128,335	126,699	131,881
Direct Use	4,643	3,954	4,040	4,091	4,096	2,932	2,350	2,743
Estimated Losses	7,779	5,574	7,820	7,339^R	8,907	12,997	13,398	9,667
Total Disposition	121,471	128,555	134,547	132,765^R	138,660	144,265	142,448	144,291
Net Interstate Trade	-5,977	-11,059	-10,079	-5,183^R	-12,330	-14,516	-17,233	-14,176
Net Trade Index (ratio)	0.95	0.91	0.93	0.96	0.91	0.90	0.88	0.90

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
North Dakota		
NERC Region(s).....		MRO
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	5,091	41
Electric Utilities.....	4,668	34
Independent Power Producers & Combined Heat and Power.....	424	46
Net Generation (megawatthours).....	31,224,105	40
Electric Utilities.....	30,402,807	33
Independent Power Producers & Combined Heat and Power.....	821,298	47
Emissions (thousand metric tons)		
Sulfur Dioxide	125	20
Nitrogen Oxide.....	66	23
Carbon Dioxide.....	31,985	29
Sulfur Dioxide (lbs/MWh)	8.8	5
Nitrogen Oxide (lbs/MWh)	4.7	3
Carbon Dioxide (lbs/MWh).....	2,258	2
Total Retail Sales (megawatthours).....	11,905,695	43
Full Service Provider Sales (megawatthours)	11,905,695	42
Direct Use (megawatthours)	577,988	39
Average Retail Price (cents/kWh).....	6.42	44

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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	697
4. Leland Olds.....	Coal	Basin Electric Power Coop	669
5. Garrison	Hydroelectric	USCE-Missouri River District	486
6. Coyote.....	Coal	Otter Tail Power Co	427
7. Stanton	Coal	Great River Energy	188
8. Langdon Wind LLC.....	Other Renewables	FPL Energy Langdon Wind LLC	159
9. R M Heskett.....	Coal	Montana-Dakota Utilities Co	103
10. FPL Energy North Dakota Wind I/II.....	Other Renewables	FPL Energy North Dakota Wind LLC	62

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Northern States Power Co	Investor-Owned	2,209,458	755,356	1,093,973	360,129	-
2. Otter Tail Power Co.....	Investor-Owned	1,597,012	556,523	957,921	82,568	-
3. Montana-Dakota Utilities Co	Investor-Owned	1,517,297	575,016	790,746	151,535	-
4. Basin Electric Power Coop.....	Cooperative	1,010,806	-	-	1,010,806	-
5. Cass County Electric Coop Inc.....	Cooperative	865,030	477,434	323,220	64,376	-
Total Sales, Top Five Providers		7,199,603	2,364,329	3,165,860	1,669,414	-
Percent of Total State Sales		60	58	75	46	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Electric Utilities.....	4,733	4,677	4,659	4,562	4,673	4,625	4,636	4,668	99.3	91.7
Coal.....	4,062	4,107	4,084	4,107	4,105	4,106	4,106	4,098	85.2	80.5
Petroleum.....	117	64	69	72	71	75	75	72	2.5	1.4
Natural Gas	9	10	10	10	10	10	10	10	0.2	0.2
Hydroelectric	545	497	497	371	485	432	443	486	11.4	9.5
Other Renewables ¹	-	-	-	3	3	3	3	3	-	0.1
Independent Power Producers and Combined Heat and Power	35	40	40	101	101	133	203	424	0.7	8.3
Coal.....	18	21	21	21	21	21	21	21	0.4	0.4
Petroleum.....	-	-	-	-	-	-	2	4	-	0.1
Other Gases ²	7	8	8	8	8	8	8	8	0.2	0.2
Other Renewables ¹	9	10	10	72	71	103	171	390	0.2	7.7
Total Electric Industry.....	4,767	4,717	4,699	4,663	4,774	4,758	4,839	5,091	100.0	100.0
Coal.....	4,080	4,128	4,105	4,129	4,126	4,127	4,127	4,119	85.6	80.9
Petroleum.....	117	64	69	72	71	75	77	75	2.5	1.5
Natural Gas	9	10	10	10	10	10	10	10	0.2	0.2
Other Gases ²	7	8	8	8	8	8	8	8	0.2	0.2
Hydroelectric	545	497	497	371	485	432	443	486	11.4	9.5
Other Renewables ¹	9	10	10	74	74	105	174	393	0.2	7.7

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
North Dakota										
Electric Utilities.....	29,719,764	30,135,733	31,147,221	31,075,012	29,526,814	31,512,768	30,328,375	30,402,807	99.6	97.4
Coal.....	26,314,471	28,769,721	29,518,865	29,298,347	27,938,264	30,133,242	28,761,820	29,041,826	88.1	93.0
Petroleum.....	85,698	33,850	35,728	45,648	36,565	32,480	39,269	47,332	0.3	0.2
Natural Gas.....	18	86	12	-47	265	-29	49	59	*	*
Hydroelectric.....	3,319,577	1,332,076	1,592,616	1,723,904	1,545,864	1,341,824	1,521,034	1,305,393	11.1	4.2
Other Renewables ¹	-	-	-	7,160	5,856	5,251	6,203	7,224	-	*
Other ²	-	-	-	-	-	-	-	973	-	*
Independent Power Producers and Combined Heat and Power.....	132,839	196,339	159,091	247,117	409,292	419,847	552,762	821,298	0.4	2.6
Coal.....	75,481	107,454	92,659	128,964	125,960	125,517	117,171	121,727	0.3	0.4
Petroleum.....	8,529	14,036	2,848	6,244	1,866 ^R	1,785 ^R	2,810 ^R	3,486	*	*
Natural Gas.....	373	2,450	8,030	9,493	8,779 ^R	8,041 ^R	7,016 ^R	16,516	*	0.1
Other Gases ³	44,317	64,734	55,144	50,096	58,417 ^R	59,422 ^R	58,939 ^R	52,515	0.1	0.2
Other Renewables ¹	4,139	7,665	410	52,320	214,270	225,083	366,826	627,055	*	2.0
Total Electric Industry.....	29,852,603	30,332,072	31,306,312	31,322,129	29,936,106	31,932,615	30,881,137	31,224,105	100.0	100.0
Coal.....	26,389,952	28,877,175	29,611,524	29,427,311	28,064,224	30,258,759	28,878,991	29,163,553	88.4	93.4
Petroleum.....	94,227	47,886	38,576	51,892	38,431 ^R	34,265 ^R	42,079 ^R	50,818	0.3	0.2
Natural Gas.....	391	2,536	8,042	9,446	9,044 ^R	8,012 ^R	7,065 ^R	16,574	*	0.1
Other Gases ³	44,317	64,734	55,144	50,096	58,417 ^R	59,422 ^R	58,939 ^R	52,515	0.1	0.2
Hydroelectric.....	3,319,577	1,332,076	1,592,616	1,723,904	1,545,864	1,341,824	1,521,034	1,305,393	11.1	4.2
Other Renewables ¹	4,139	7,665	410	59,480	220,126	230,334	373,029	634,279	*	2.0
Other ²	-	-	-	-	-	-	-	973	-	*

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

³ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	78	74	74	74	77	82	88	98
Average heat value (Btu per pound).....	6,559	6,560	6,564	6,549	6,602	6,686	6,651	6,621
Average sulfur Content (percent)	0.77	0.73	0.72	0.69	0.70	0.69	0.71	0.74
Petroleum (cents per million Btu).....	459	639	573	676	863	1,244	1,486	1,783
Average heat value (Btu per gallon).....	139,090	141,905	138,955	138,995	138,410	139,014	138,976	139,186
Average sulfur Content (percent).....	0.38	0.36	0.37	0.37	0.36	0.37	0.37	0.34
Natural Gas (cents per million Btu).....	322	687	248	744	778	954	1,013	599
Average heat value (Btu per cubic foot).....	1,066	1,030	1,023	1,030	1,034	1,073	1,079	1,071

Btu = British thermal unit.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
North Dakota								
Sulfur Dioxide								
Coal.....	162 ^R	142	128	128	137	125	119	125
Petroleum.....	*	*	*	*	*	*	*	*
Other Gases.....	* ^R	-	* ^R	*				
Other Renewables ¹	*	* ^R	*	* ^R	* ^R	-	* ^R	*
Other ²	-	-	-	-	* ^R	-	-	-
Total.....	163 ^R	142 ^R	129 ^R	128 ^R	137 ^R	126 ^R	119 ^R	125
Nitrogen Oxide								
Coal.....	86	73	69	70	72	70	68	66
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas	*	-	*	*	*	*	*	*
Other Gases.....	*	-	*	*	*	*	*	*
Other Renewables ¹	*	*	1 ^R	*	*	* ^R	*	*
Total.....	86 ^R	73 ^R	70 ^R	71 ^R	73 ^R	70 ^R	68 ^R	66
Carbon Dioxide								
Coal.....	29,306	31,729	32,087	31,669	30,322	32,775	31,203	31,888
Petroleum.....	109	75	43	63	39	37	45	53
Natural Gas	1	6	27	23	29	22	18	43
Other ²	-	-	-	-	-	-	-	1
Total.....	29,416 ^R	31,810 ^R	32,156 ^R	31,754 ^R	30,390 ^R	32,833 ^R	31,267 ^R	31,985

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
North Dakota										
Retail Sales (thousand megawatthours)										
Residential	3,437	3,480	3,664	3,707	3,663	3,796	3,853	4,067	41.5	34.2
Commercial	2,300	3,071	3,404	3,800	3,843	3,994	4,127	4,215	27.8	35.4
Industrial	2,076	2,753	2,636	2,954	3,010	3,050	3,266	3,624	25.1	30.4
Other ¹	469	506	516	NA	NA	NA	NA	NA	5.7	--
All Sectors	8,282	9,810	10,219	10,461	10,516	10,840	11,245	11,906	100.0	100.0
Retail Revenue (million dollars)										
Residential	216	225	234	241	249	265	275	297	46.1	38.9
Commercial	141	184	199	214	225	244	260	278	30.2	36.3
Industrial	91	110	105	117	124	132	163	190	19.4	24.8
Other ¹	20	19	19	NA	NA	NA	NA	NA	4.3	--
All Sectors	468	538	557	572	599	641	698	764	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	6.27	6.47	6.39	6.49	6.79	6.99	7.14	7.30	--	--
Commercial	6.15	5.99	5.85	5.64	5.86	6.11	6.30	6.58	--	--
Industrial	4.38	3.98	3.98	3.96	4.13	4.32	5.00	5.24	--	--
Other ¹	4.27	3.79	3.68	NA	NA	NA	NA	NA	--	--
All Sectors	5.65	5.48	5.45	5.47	5.69	5.92	6.21	6.42	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
North Dakota								
Number of Entities	3	12	1	22	NA	NA	NA	38
Number of Retail Customers	215,898	10,978	30	144,835	NA	NA	NA	371,741
Retail Sales (thousand megawatthours)	5,324	279	194	6,109	NA	NA	NA	11,906
Percentage of Retail Sales	44.72	2.34	1.63	51.31	--	--	--	100.00
Revenue from Retail Sales (million dollars)	369	16	4	376	NA	NA	NA	764
Percentage of Revenue	48.22	2.08	0.48	49.21	--	--	--	100.00
Average Retail Price (cents/kWh)	6.92	5.70	1.90	6.16	NA	NA	NA	6.42

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
North Dakota								
Supply								
Generation								
Electric Utilities.....	29,720	30,136	31,147	31,075	29,527	31,513	30,328	30,403
Independent Power Producers	-	-	-	52	209	215	363	614
Electric Power Sector Generation Subtotal	29,720	30,136	31,147	31,127	29,735	31,728	30,692	31,016
Combined Heat and Power, Commercial	-	-	-	-	-	-	-	*
Combined Heat and Power, Industrial.....	133	196	159	195	201	205	189	207
Industrial and Commercial Generation Subtotal	133	196	159	195	201	205	189	208
Total Net Generation	29,853	30,332	31,306	31,322	29,936	31,933	30,881	31,224
Total International Imports	270	1,510	1,414	1,251	1,513	2,151	2,008^R	1,657
Total Supply	30,123	31,842	32,720	32,573	31,449	34,084	32,889^R	32,881
Disposition								
Retail Sales								
Full Service Providers	8,282	9,810	10,219	10,461	10,516	10,840	11,245	11,906
Total Electric Industry Retail Sales	8,282	9,810	10,219	10,461	10,516	10,840	11,245	11,906
Direct Use	133	161	164	167	167	212	195	578
Total International Exports	152	940	1,238	1,664	1,409	457	1,251^R	328
Estimated Losses	591	1,404	1,996	2,137	2,132	1,581^R	1,567	1,488
Total Disposition	9,158	12,315	13,618	14,429	14,223	13,090	14,259^R	14,299
Net Interstate Trade	20,965	19,528	19,102	18,144	17,226	20,994	18,630^R	18,582
Net Trade Index (ratio)	3.29	2.59	2.40	2.26	2.21	2.60	2.31	2.30

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Ohio		
NERC Region(s).....		RFC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	33,755	8
Electric Utilities.....	20,012	11
Independent Power Producers & Combined Heat and Power.....	13,743	7
Net Generation (megawatthours).....	155,155,545	6
Electric Utilities.....	100,536,445	6
Independent Power Producers & Combined Heat and Power.....	54,619,100	7
Emissions (thousand metric tons)		
Sulfur Dioxide	958	1
Nitrogen Oxide.....	227	2
Carbon Dioxide.....	130,407	2
Sulfur Dioxide (lbs/MWh)	13.6	1
Nitrogen Oxide (lbs/MWh)	3.2	14
Carbon Dioxide (lbs/MWh).....	1,853	12
Total Retail Sales (megawatthours).....	161,770,827	4
Full Service Provider Sales (megawatthours)	148,928,185	4
Deregulated Sales (megawatthours).....	12,842,642	7
Direct Use (megawatthours).....	1,090,935	28
Average Retail Price (cents/kWh).....	7.91	25

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Ohio			
1. General James M Gavin	Coal	Ohio Power Co	2,640
2. J M Stuart.....	Coal	Dayton Power & Light Co	2,397
3. W H Sammis.....	Coal	FirstEnergy Generation Corp	2,233
4. Cardinal	Coal	Cardinal Operating Co	1,800
5. Conesville	Coal	Columbus Southern Power Co	1,695
6. Muskingum River.....	Coal	Ohio Power Co	1,375
7. Walter C Beckjord.....	Coal	Duke Energy Ohio Inc	1,304
8. W H Zimmer.....	Coal	Duke Energy Ohio Inc	1,300
9. Miami Fort.....	Coal	Duke Energy Ohio Inc	1,300
10. Hanging Rock Energy Facility	Gas	Duke Energy Ohio Inc	1,288

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Ohio Power Co	Investor-Owned	27,727,742	7,674,434	6,101,774	13,951,534	-
2. Columbus Southern Power Co	Investor-Owned	21,844,714	7,740,902	8,821,158	5,282,654	-
3. Ohio Edison Co	Investor-Owned	21,354,818	7,922,306	5,761,235	7,671,277	-
4. Duke Energy Ohio Inc.....	Investor-Owned	21,150,180	7,637,773	7,768,442	5,743,965	-
5. Cleveland Electric Illum Co	Investor-Owned	17,403,753	5,179,758	4,309,604	7,871,696	42,695
Total Sales, Top Five Providers		109,481,207	36,155,173	32,762,213	40,521,126	42,695
Percent of Total State Sales		68	66	68	68	90

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Electric Utilities.....	26,630	27,081	27,885	27,694	27,684	19,312	20,147	20,012	98.8	59.3
Coal.....	22,415	21,675	21,599	21,258	21,366	16,272	16,296	16,204	83.2	48.0
Petroleum.....	805	1,381	1,000	1,017	1,008	588	588	596	3.0	1.8
Natural Gas	1,154	1,661	2,921	3,056	3,074	2,346	3,156	3,105	4.3	9.2
Nuclear.....	2,042	2,111	2,111	2,108	2,108	-	-	-	7.6	-
Hydroelectric	123	163	164	162	122	101	101	101	0.5	0.3
Other Renewables ¹	90	90	90	94	7	7	7	7	0.3	*
Independent Power Producers and Combined Heat and Power	322	2,472	3,592	6,366	6,366	14,558	13,731	13,743	1.2	40.7
Coal.....	198	1,099	1,099	1,094	1,047	6,042	5,969	5,871	0.7	17.4
Petroleum.....	6	49	49	49	49	469	469	479	*	1.4
Natural Gas	18	1,223	2,345	5,124	5,113	5,812	5,006	5,064	0.1	15.0
Other Gases ²	63	84	81	81	100	100	100	100	0.2	0.3
Nuclear.....	-	-	-	-	-	2,108	2,120	2,124	-	6.3
Other Renewables ¹	37	17	17	17	57	27	67	105	0.1	0.3
Total Electric Industry.....	26,951	29,553	31,477	34,060	34,050	33,870	33,877	33,755	100.0	100.0
Coal.....	22,613	22,774	22,698	22,352	22,412	22,313	22,264	22,074	83.9	65.4
Petroleum.....	811	1,430	1,049	1,066	1,057	1,057	1,057	1,075	3.0	3.2
Natural Gas	1,173	2,884	5,266	8,180	8,187	8,157	8,161	8,169	4.4	24.2
Other Gases ²	63	84	81	81	100	100	100	100	0.2	0.3
Nuclear.....	2,042	2,111	2,111	2,108	2,108	2,108	2,120	2,124	7.6	6.3
Hydroelectric	123	163	164	162	122	101	101	101	0.5	0.3
Other Renewables ¹	127	107	107	111	65	35	75	112	0.5	0.3

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Ohio										
Electric Utilities.....	141,248,874	135,484,174	139,904,106	139,086,083	142,305,499	102,750,838	98,159,139	100,536,445	98.9	64.8
Coal.....	124,909,642	118,766,821	127,373,404	129,255,272	124,004,082	101,302,047	96,674,346	98,791,919	87.5	63.7
Petroleum.....	272,780	406,434	380,710	387,257	1,354,023	253,906	245,951	240,791	0.2	0.2
Natural Gas.....	228,254	336,372	796,761	456,255	266,954	665,873	592,505	1,078,551	0.2	0.7
Nuclear.....	15,330,830	15,463,762	10,864,902	8,475,016	15,950,121	-	-	-	10.7	-
Hydroelectric.....	507,368	510,785	488,329	510,835	729,876	515,744	631,936	410,436	0.4	0.3
Other Renewables ¹	-	-	-	1,448	443	13,268	14,401	14,748	-	*
Independent Power Producers and Combined Heat and Power.....	1,562,374	6,777,633	7,164,743	7,552,045	6,040,406	54,225,485	57,274,936	54,619,100	1.1	35.2
Coal.....	525,777	5,446,415	5,579,661	5,513,865	4,152,700 ^R	35,523,551 ^R	36,725,810 ^R	34,338,760	0.4	22.1
Petroleum.....	21,128	10,264	8,409	22,897	34,258 ^R	1,136,487 ^R	1,108,604 ^R	906,954	*	0.6
Natural Gas.....	240,680	588,044	969,893	1,337,328	1,124,041 ^R	2,029,755 ^R	1,786,557 ^R	2,896,346	0.2	1.9
Other Gases ²	189,767	301,949	206,565	212,523	302,063 ^R	298,339 ^R	360,007 ^R	289,273	0.1	0.2
Nuclear.....	-	-	-	-	-	14,802,733	16,846,939	15,764,049	-	10.2
Other Renewables ¹	585,022	430,961	151,311	439,269	427,334 ^R	432,320 ^R	444,214 ^R	420,395	0.4	0.3
Other ³	-	-	248,904	26,163	11 ^R	2,299 ^R	2,805 ^R	3,322	-	*
Total Electric Industry.....	142,811,248	142,261,807	147,068,849	146,638,128	148,345,905	156,976,323	155,434,075	155,155,545	100.0	100.0
Coal.....	125,435,419	124,213,236	132,953,065	134,769,137	128,156,782 ^R	136,825,598 ^R	133,400,156 ^R	133,130,679	87.8	85.8
Petroleum.....	293,908	416,698	389,119	410,154	1,388,281 ^R	1,390,393 ^R	1,354,555 ^R	1,147,746	0.2	0.7
Natural Gas.....	468,934	924,416	1,766,654	1,793,583	1,390,995 ^R	2,695,628 ^R	2,379,062 ^R	3,974,897	0.3	2.6
Other Gases ²	189,767	301,949	206,565	212,523	302,063 ^R	298,339 ^R	360,007 ^R	289,273	0.1	0.2
Nuclear.....	15,330,830	15,463,762	10,864,902	8,475,016	15,950,121	14,802,733	16,846,939	15,764,049	10.7	10.2
Hydroelectric.....	507,368	510,785	488,329	510,835	729,876	515,744	631,936	410,436	0.4	0.3
Other Renewables ¹	585,022	430,961	151,311	440,717	427,777 ^R	445,588 ^R	458,615 ^R	435,143	0.4	0.3
Other ³	-	-	248,904	26,163	11 ^R	2,299 ^R	2,805 ^R	3,322	-	*

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	132	131	W	121	133	154	170	171
Average heat value (Btu per pound).....	11,891	11,550	12,143	12,160	12,098	12,097	11,525	11,495
Average sulfur Content (percent)	2.01	2.07	1.98	2.14	2.25	2.16	1.68	1.70
Petroleum (cents per million Btu).....	426	601	W	731	W	1,291	1,224	1,619
Average heat value (Btu per gallon).....	135,936	142,143	125,426	137,810	137,986	138,193	138,150	138,026
Average sulfur Content (percent).....	0.31	0.23	0.13	0.23	0.19	0.09	0.07	0.06
Natural Gas (cents per million Btu).....	363	797	375	598	648	924	771	764
Average heat value (Btu per cubic foot).....	1,024	1,010	1,028	1,037	1,034	1,030	1,033	1,033

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Ohio								
Sulfur Dioxide								
Coal.....	1,327 ^R	1,081	1,082	1,135	1,044	1,050	941	928
Petroleum.....	17 ^R	10	11	4	4	5	27	28
Natural Gas	*	*	*	*	*	*	*	*
Other Gases.....	*	*	*	*	*	*	*	*
Other Renewables ¹	10 ^R	2 ^R	2 ^R	2 ^R	2 ^R	2 ^R	2 ^R	2
Other ²	* ^R	-	-	-	*	*	-	*
Total.....	1,353 ^R	1,093 ^R	1,096 ^R	1,141 ^R	1,050 ^R	1,057 ^R	970 ^R	958
Nitrogen Oxide								
Coal.....	494 ^R	309	340	326	247	234	220	220
Petroleum.....	3 ^R	4	4	2	1	1	1	4
Natural Gas	2	1	1	1	2	1	1	2
Other Gases.....	1 ^R	1 ^R	1 ^R	*	*	*	*	*
Other Renewables ¹	3 ^R	2 ^R	2 ^R	1				
Other ²	* ^R	-	*	*	*	*	-	*
Total.....	503 ^R	316 ^R	347 ^R	331 ^R	251 ^R	238 ^R	224 ^R	227
Carbon Dioxide								
Coal.....	118,291	116,704	121,296	125,944	120,669	128,847	125,454	126,182
Petroleum.....	967	424	308	410	1,416	1,372	2,198	2,082
Natural Gas	751	1,163	1,364	1,224	1,181	1,603	1,351	2,121
Other ²	*	-	-	-	14 ^R	9 ^R	8 ^R	23
Total.....	120,009 ^R	118,291 ^R	122,968 ^R	127,577 ^R	123,281 ^R	131,831 ^R	129,010 ^R	130,407

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Ohio										
Retail Sales (thousand megawatthours)										
Residential	43,635	47,346	50,864	49,621	50,300	53,904	51,375	54,376	27.5	33.6
Commercial	36,373	39,372	39,924	44,737	45,313	46,870	46,141	48,129	22.9	29.8
Industrial	73,888	65,099	58,472	57,828	58,558	59,354	55,869	59,219	46.6	36.6
Other ¹	4,612	3,981	4,148	NA	NA	NA	NA	NA	2.9	--
Transportation.....	NA	NA	NA	5	49	48	44	48	--	*
All Sectors	158,508	155,798	153,407	152,189	154,221	160,176	153,429	161,771	100.0	100.0
Retail Revenue (million dollars).....										
Residential	3,765	3,963	4,193	4,100	4,251	4,586	4,801	5,204	38.0	40.7
Commercial	2,789	3,333	3,119	3,377	3,510	3,716	3,893	4,175	28.1	32.6
Industrial	3,076	2,780	2,845	2,768	2,864	3,029	3,133	3,413	31.0	26.7
Other ¹	282	233	225	NA	NA	NA	NA	NA	2.8	--
Transportation.....	NA	NA	NA	*	5	4	4	5	--	*
All Sectors	9,911	10,309	10,383	10,246	10,629	11,336	11,831	12,797	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	8.63	8.37	8.24	8.26	8.45	8.51	9.34	9.57	--	--
Commercial	7.67	8.46	7.81	7.55	7.75	7.93	8.44	8.67	--	--
Industrial	4.16	4.27	4.87	4.79	4.89	5.10	5.61	5.76	--	--
Other ¹	6.12	5.86	5.42	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	6.17	9.21	9.03	10.13	9.98	--	--
All Sectors	6.25	6.62	6.77	6.73	6.89	7.08	7.71	7.91	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities.....	8	85	NA	25	NA	6	6	130
Number of Retail Customers	4,462,454	377,766	NA	377,548	NA	307,465	NA	5,525,233
Retail Sales (thousand megawatthours).....	130,744	10,300	NA	7,884	NA	12,843	NA	161,771
Percentage of Retail Sales	80.82	6.37	--	4.87	--	7.94	--	100.00
Revenue from Retail Sales (million dollars)	10,245	862	NA	641	NA	605	444	12,797
Percentage of Revenue	80.06	6.74	--	5.01	--	4.73	3.47	100.00
Average Retail Price (cents/kWh).....	7.84	8.37	NA	8.14	NA	4.71	3.46	7.91

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Ohio								
Supply								
Generation								
Electric Utilities.....	141,249	135,484	139,904	139,086	142,305	102,751	98,159	100,536
Independent Power Producers	-	5,242	6,421	6,124	4,699	52,817	55,836	53,366
Combined Heat and Power, Electric	44	268	302	382	319	328	322	350
Electric Power Sector Generation Subtotal	141,293	140,995	146,627	145,591	147,324	155,896	154,317	154,252
Combined Heat and Power, Commercial	53	20	7	6	*	*	-	-
Combined Heat and Power, Industrial.....	1,465	1,247	434	1,041	1,022	1,080	1,117	903
Industrial and Commercial Generation Subtotal	1,518	1,267	442	1,047	1,022	1,080	1,117	903
Total Net Generation	142,811	142,262	147,069	146,638	148,346	156,976	155,434	155,156
Total International Imports	-	-	*	2	3	49	844	361
Total Supply	142,811	142,262	147,069	146,640	148,349	157,025	156,278	155,517
Disposition								
Retail Sales								
Full Service Providers	158,508	144,438	132,971	127,119	126,207	133,461	140,259	148,928
Energy-Only Providers.....	-	11,360	20,436	24,940	27,882	26,716	13,170	12,843
Facility Direct Retail Sales.....	-	-	-	130	132	-	-	-
Total Electric Industry Retail Sales	158,508	155,798	153,407	152,189	154,221	160,176	153,429	161,771
Direct Use	1,523	1,436	1,468	1,486	1,488	1,265	1,296	1,091
Total International Exports	-	-	4	14	68	397	225	55
Estimated Losses	11,307	8,469	9,788	8,981^R	12,719	10,529	11,075	10,899
Total Disposition	171,338	165,704	164,667	162,670^R	168,496	172,367	166,025	173,816
Net Interstate Trade	-28,527	-23,442	-17,598	-16,030^R	-20,147	-15,342	-9,746	-18,300
Net Trade Index (ratio)	0.83	0.86	0.89	0.90	0.88	0.91	0.94	0.89

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Oklahoma		
NERC Region(s).....		SPP
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	19,962	21
Electric Utilities.....	14,495	18
Independent Power Producers & Combined Heat and Power.....	5,467	18
Net Generation (megawatthours).....	72,819,095	22
Electric Utilities.....	54,177,692	18
Independent Power Producers & Combined Heat and Power.....	18,641,403	19
Emissions (thousand metric tons)		
Sulfur Dioxide	104	24
Nitrogen Oxide.....	78	18
Carbon Dioxide.....	51,389	19
Sulfur Dioxide (lbs/MWh)	3.2	30
Nitrogen Oxide (lbs/MWh)	2.4	23
Carbon Dioxide (lbs/MWh).....	1,556	17
Total Retail Sales (megawatthours).....	55,193,200	26
Full Service Provider Sales (megawatthours)	55,193,200	24
Direct Use (megawatthours)	1,413,839	25
Average Retail Price (cents/kWh).....	7.29	32

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Oklahoma			
1. Northeastern.....	Coal	Public Service Co of Oklahoma	1,811
2. Muskogee.....	Coal	Oklahoma Gas & Electric Co	1,713
3. Seminole	Gas	Oklahoma Gas & Electric Co	1,543
4. Kiamichi Energy Facility	Gas	Kiowa Power Partners LLC	1,178
5. Redbud Power Plant	Gas	Oklahoma Gas & Electric Co	1,144
6. Oneta Energy Center	Gas	Calpine Central L P	1,086
7. Sooner.....	Coal	Oklahoma Gas & Electric Co	1,052
8. GRDA.....	Coal	Grand River Dam Authority	1,010
9. Riverside.....	Gas	Public Service Co of Oklahoma	912
10. Horseshoe Lake	Gas	Oklahoma Gas & Electric Co	876

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Oklahoma						
1. Oklahoma Gas & Electric Co	Investor-Owned	22,155,927	7,942,592	8,380,283	5,833,052	-
2. Public Service Co of Oklahoma	Investor-Owned	17,910,740	5,962,343	6,296,149	5,652,248	-
3. Oklahoma Electric Coop Inc	Cooperative	982,217	663,311	204,216	114,690	-
4. City of Edmond	Public	781,951	444,092	322,490	15,369	-
5. Grand River Dam Authority	Public	668,840	-	5,698	663,142	-
Total Sales, Top Five Providers		42,499,675	15,012,338	15,208,836	12,278,501	-
Percent of Total State Sales		77	70	82	81	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Oklahoma										
Electric Utilities.....	12,931	13,436	13,387	13,463	13,550	13,992	14,648	14,495	94.4	72.6
Coal.....	4,848	4,856	4,896	4,941	4,949	4,964	4,981	4,975	35.4	24.9
Petroleum.....	62	60	60	62	68	68	72	68	0.4	0.3
Natural Gas	6,934	7,410	7,314	7,340	7,427	7,899	8,364	8,221	50.6	41.2
Other Gases ¹	52	57	61	61	58	-	-	-	0.4	-
Hydroelectric	775	793	796	800	788	800	851	851	5.7	4.3
Other Renewables ²	-	-	-	-	-	-	120	120	-	0.6
Pumped Storage.....	260	260	260	260	260	260	260	260	1.9	1.3
Independent Power Producers and Combined Heat and Power	772	1,505	2,845	4,776	5,847	5,782	5,437	5,467	5.6	27.4
Coal.....	434	391	391	391	391	391	391	390	3.2	2.0
Petroleum.....	-	2	2	2	2	2	2	2	-	*
Natural Gas	244	1,020	2,360	4,111	5,182	4,836	4,491	4,427	1.8	22.2
Other Gases ¹	17	17	17	17	17	-	-	-	0.1	-
Other Renewables ²	76	75	76	255	255	553	553	647	0.6	3.2
Total Electric Industry.....	13,702	14,941	16,232	18,238	19,397	19,773	20,085	19,962	100.0	100.0
Coal.....	5,282	5,247	5,287	5,332	5,340	5,355	5,372	5,364	38.5	26.9
Petroleum.....	62	62	62	64	70	71	75	70	0.4	0.4
Natural Gas	7,178	8,430	9,673	11,451	12,609	12,735	12,854	12,649	52.4	63.4
Other Gases ¹	69	74	78	78	75	-	-	-	0.5	-
Hydroelectric	775	793	796	800	788	800	851	851	5.7	4.3
Other Renewables ²	76	75	76	255	255	553	673	767	0.6	3.8
Pumped Storage.....	260	260	260	260	260	260	260	260	1.9	1.3

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Oklahoma										
Electric Utilities.....	48,380,102	50,413,729	51,218,320	49,776,514	48,298,390	54,250,814	51,917,155	54,177,692	91.5	74.4
Coal.....	33,036,688	32,164,601	33,444,114	34,200,128	31,240,478	33,604,628	32,324,391	31,610,751	62.5	43.4
Petroleum.....	12,568	146,375	10,311	111,555	21,008	13,181	24,187	139,391	*	0.2
Natural Gas.....	12,506,748	15,886,542	15,953,919	13,872,606	14,294,108	18,156,469	19,058,314	19,169,706	23.7	26.3
Hydroelectric.....	2,921,206	2,344,690	1,987,844	1,798,412	2,976,676	2,630,361	623,579	3,065,862	5.5	4.2
Other Renewables ¹	-	-	-	-	-	-	3,157	357,826	-	0.5
Pumped Storage.....	-97,108	-128,479	-177,868	-206,187	-233,879	-153,825	-116,473	-165,844	-0.2	-0.2
Independent Power Producers and Combined Heat and Power.....	4,483,875	4,835,721	7,965,099	10,850,342	12,431,170	14,357,013	18,697,725	18,641,403	8.5	25.6
Coal.....	2,996,141	2,451,167	2,520,664	2,476,198	2,560,908 ^R	2,703,928 ^R	2,707,632 ^R	2,827,186	5.7	3.9
Petroleum.....	14,224	28,800	39,560	49,655	47,305 ^R	57,161 ^R	39,563 ^R	21,097	*	*
Natural Gas.....	1,175,581	2,057,266	5,095,120	7,950,090	8,991,471 ^R	10,433,751 ^R	13,922,376 ^R	13,974,205	2.2	19.2
Other Gases ²	66,790	67,792	70,710	45,408	-	18,838	16,143	22,474	0.1	*
Other Renewables ¹	231,139	230,696	239,045	321,593	822,619 ^R	1,137,021 ^R	2,006,567 ^R	1,771,172	0.4	2.4
Other ³	-	-	-	7,398	8,867	6,314	5,445	25,269	-	*
Total Electric Industry.....	52,863,977	55,249,450	59,183,419	60,626,856	60,729,560	68,607,827	70,614,880	72,819,095	100.0	100.0
Coal.....	36,032,829	34,615,768	35,964,778	36,676,326	33,801,386 ^R	36,308,556 ^R	35,032,023 ^R	34,437,937	68.2	47.3
Petroleum.....	26,792	175,175	49,871	161,210	68,312 ^R	70,342 ^R	63,750 ^R	160,488	0.1	0.2
Natural Gas.....	13,682,329	17,943,808	21,049,039	21,822,696	23,285,579 ^R	28,590,220 ^R	32,980,690 ^R	33,143,911	25.9	45.5
Other Gases ²	66,790	67,792	70,710	45,408	-	18,838	16,143	22,474	0.1	*
Hydroelectric.....	2,921,206	2,344,690	1,987,844	1,798,412	2,976,676	2,630,361	623,579	3,065,862	5.5	4.2
Other Renewables ¹	231,139	230,696	239,045	321,593	822,619 ^R	1,137,021 ^R	2,009,724 ^R	2,128,998	0.4	2.9
Pumped Storage.....	-97,108	-128,479	-177,868	-206,187	-233,879	-153,825	-116,473	-165,844	-0.2	-0.2
Other ³	-	-	-	7,398	8,867	6,314	5,445	25,269	-	*

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	92	91	W	W	W	W	W	W
Average heat value (Btu per pound).....	8,641	8,910	8,836	8,872	8,854	8,765	8,747	8,735
Average sulfur Content (percent)	0.30	0.30	0.39	0.41	0.40	0.41	0.42	0.41
Petroleum (cents per million Btu).....	409	633	484	548	609	1,199	1,331	624
Average heat value (Btu per gallon).....	140,095	147,381	142,181	142,205	145,071	140,674	151,336	146,952
Average sulfur Content (percent).....	0.30	0.04	0.05	0.45	0.56	0.30	0.42	1.49
Natural Gas (cents per million Btu).....	288	448	344	542	594	802	640	650
Average heat value (Btu per cubic foot).....	1,032	1,020	1,030	1,031	1,031	1,030	1,028	1,029

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Oklahoma								
Sulfur Dioxide								
Coal.....	106 ^R	100	105	107	99	102	104	98
Petroleum.....	*	1	1	1	2	2	2	2
Natural Gas	*	*	*	*	*	*	*	1
Other Gases.....	* ^R	* ^R	* ^R	-	-	-	* ^R	*
Other Renewables ¹	2 ^R	2 ^R	3					
Other ²	* ^R	*	*	* ^R	*	*	*	*
Total.....	109 ^R	103 ^R	109 ^R	111 ^R	103 ^R	106 ^R	110 ^R	104
Nitrogen Oxide								
Coal.....	75 ^R	57	61	65	60	64	61	56
Petroleum.....	1 ^R	*	*	1	*	*	1	1
Natural Gas	19 ^R	27	24	19	16	19	21	20
Other Gases.....	*	*	*	*	*	*	*	*
Other Renewables ¹	1 ^R	1						
Other ²	*	*	*	*	*	*	*	*
Total.....	96 ^R	86 ^R	86 ^R	86 ^R	77 ^R	84 ^R	84 ^R	78
Carbon Dioxide								
Coal.....	36,352	35,688	36,835	36,928	34,918	37,292	36,102	35,088
Petroleum.....	77	237	164	265	237	240	184	214
Natural Gas	8,127	10,104	11,193	11,357	11,705	13,805	15,827	16,016
Other ²	1 ^R	-	-	-	127 ^R	114 ^R	128 ^R	71
Total.....	44,557 ^R	46,030 ^R	48,192 ^R	48,549 ^R	46,987 ^R	51,451 ^R	52,242 ^R	51,389

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Oklahoma										
Retail Sales (thousand megawatthours)										
Residential	17,376	19,796	19,927	20,162	19,699	21,309	21,690	21,361	39.1	38.7
Commercial	11,754	13,552	13,097	16,958	17,020	17,477	18,197	18,634	26.4	33.8
Industrial	12,802	13,356	12,898	13,308	14,223	14,920	15,018	15,198	28.8	27.5
Other ¹	2,521	2,963	3,564	NA	NA	NA	NA	NA	5.7	--
All Sectors	44,453	49,667	49,485	50,428	50,942	53,707	54,905	55,193	100.0	100.0
Retail Revenue (million dollars)										
Residential	1,152	1,439	1,341	1,507	1,520	1,695	1,854	1,834	47.8	45.6
Commercial	673	861	753	1,083	1,116	1,223	1,336	1,367	27.9	34.0
Industrial	465	573	491	611	677	762	819	823	19.3	20.5
Other ¹	120	160	180	NA	NA	NA	NA	NA	5.0	--
All Sectors	2,410	3,032	2,765	3,201	3,313	3,680	4,010	4,023	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	6.63	7.27	6.73	7.47	7.72	7.95	8.55	8.58	--	--
Commercial	5.73	6.35	5.75	6.38	6.55	7.00	7.34	7.33	--	--
Industrial	3.63	4.29	3.81	4.59	4.76	5.11	5.46	5.41	--	--
Other ¹	4.76	5.39	5.06	NA	NA	NA	NA	NA	--	--
All Sectors	5.42	6.10	5.59	6.35	6.50	6.85	7.30	7.29	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Oklahoma								
Number of Entities	3	62	1	31	1	NA	NA	98
Number of Retail Customers	1,223,689	192,906	1	477,499	1	NA	NA	1,894,096
Retail Sales (thousand megawatthours)	40,208	4,858	8	9,985	133	NA	NA	55,193
Percentage of Retail Sales	72.85	8.80	0.02	18.09	0.24	--	--	100.00
Revenue from Retail Sales (million dollars)	2,777	361	*	875	10	NA	NA	4,023
Percentage of Revenue	69.02	8.97	0.01	21.75	0.25	--	--	100.00
Average Retail Price (cents/kWh)	6.91	7.42	4.48	8.76	7.62	NA	NA	7.29

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Oklahoma								
Supply								
Generation								
Electric Utilities.....	48,380	50,414	51,218	49,777	48,298	54,251	51,917	54,178
Independent Power Producers	-	844	3,970	4,247	8,913	10,282	14,784	14,871
Combined Heat and Power, Electric	3,173	2,731	2,622	5,217	2,256	2,822	2,642	2,854
Electric Power Sector Generation Subtotal	51,553	53,988	57,810	59,240	59,467	67,355	69,344	71,902
Combined Heat and Power, Commercial	33	26	27	28	18	19	25	26
Combined Heat and Power, Industrial.....	1,278	1,236	1,346	1,358	1,245	1,234	1,246	891
Industrial and Commercial Generation Subtotal	1,310	1,261	1,373	1,387	1,262	1,253	1,271	917
Total Net Generation	52,864	55,249	59,183	60,627	60,730	68,608	70,615	72,819
Total Supply	52,864	55,249	59,183	60,627	60,730	68,608	70,615	72,819
Disposition								
Retail Sales								
Full Service Providers	44,453	49,667	49,485	50,288	50,811	53,571	54,771	55,061
Facility Direct Retail Sales.....	-	-	-	140	131	136	134	133
Total Electric Industry Retail Sales	44,453	49,667	49,485	50,428	50,942	53,707	54,905	55,193
Direct Use	1,225	1,114	1,138	1,153	1,154	953	987	1,414
Total International Exports	-	-	-	-	*	*	-	-
Estimated Losses	3,171	1,779	4,609	3,527^R	3,431	4,220^R	4,715	5,054
Total Disposition	48,848	52,560	55,233	55,108^R	55,528	58,880	60,607	61,661
Net Interstate Trade	4,016	2,689	3,951	5,519^R	5,202	9,727^R	10,007	11,158
Net Trade Index (ratio)	1.08	1.05	1.07	1.10	1.09	1.17	1.17	1.18

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Oregon		
NERC Region(s).....		WECC
Primary Energy Source.....		Hydroelectric
Net Summer Capacity (megawatts)	13,209	28
Electric Utilities.....	10,502	26
Independent Power Producers & Combined Heat and Power.....	2,707	32
Net Generation (megawatthours).....	55,077,794	25
Electric Utilities.....	43,202,516	25
Independent Power Producers & Combined Heat and Power.....	11,875,278	28
Emissions (thousand metric tons)		
Sulfur Dioxide	16	42
Nitrogen Oxide.....	17	41
Carbon Dioxide.....	10,559	40
Sulfur Dioxide (lbs/MWh)	0.6	45
Nitrogen Oxide (lbs/MWh)	0.7	47
Carbon Dioxide (lbs/MWh).....	423	48
Total Retail Sales (megawatthours).....	48,696,965	28
Full Service Provider Sales (megawatthours)	46,428,423	28
Deregulated Sales (megawatthours)	2,268,542	15
Direct Use (megawatthours)	1,531,081	24
Average Retail Price (cents/kWh).....	7.02	37

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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	493
8. Klamath Cogeneration Plant.....	Gas	Pacific Klamath Energy Inc	470
9. Hermiston Generating Plant	Gas	Hermiston Generating Co LP	464
10. Port Westward	Gas	Portland General Electric Co	382

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Oregon						
1. Portland General Electric Co.....	Investor-Owned	17,461,742	7,688,285	7,199,896	2,568,165	5,396
2. PacifiCorp.....	Investor-Owned	14,077,355	5,643,854	4,967,332	3,453,086	13,083
3. Eugene City of.....	Public	2,728,684	1,026,245	928,826	773,613	-
4. Sempra Energy Solutions.....	Other Provider	1,968,678	-	1,873,081	95,597	-
5. Central Lincoln People's Ut Dt.....	Public	1,207,402	436,772	205,946	564,684	-
Total Sales, Top Five Providers.....		37,443,861	14,795,156	15,175,081	7,455,145	18,479
Percent of Total State Sales.....		77	76	94	57	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Oregon										
Electric Utilities.....	10,537	10,354	10,348	10,338	9,555	9,839	9,971	10,502	92.4	79.5
Coal.....	508	557	557	556	556	585	585	585	4.5	4.4
Petroleum.....	103	-	-	-	-	-	-	-	0.9	-
Natural Gas.....	849	729	753	725	725	967	962	1,354	7.4	10.2
Hydroelectric.....	9,037	9,063	9,033	9,020	8,239	8,281	8,319	8,329	79.2	63.1
Other Renewables ¹	40	6	6	37	35	5	106	235	0.3	1.8
Independent Power Producers and Combined Heat and Power.....	872	1,415	2,137	2,545	2,538	2,360	2,362	2,707	7.6	20.5
Coal.....	13	10	10	10	10	-	-	-	0.1	-
Natural Gas.....	584	1,021	1,720	2,053	2,047	1,803	1,803	1,747	5.1	13.2
Hydroelectric.....	96	55	55	92	91	55	55	57	0.8	0.4
Other Renewables ¹	179	329	352	390	390	502	504	903	1.6	6.8
Total Electric Industry.....	11,409	11,769	12,485	12,883	12,093	12,198	12,333	13,209	100.0	100.0
Coal.....	521	567	567	566	566	585	585	585	4.6	4.4
Petroleum.....	103	-	-	-	-	-	-	-	0.9	-
Natural Gas.....	1,433	1,750	2,472	2,778	2,771	2,770	2,764	3,101	12.6	23.5
Hydroelectric.....	9,133	9,118	9,089	9,112	8,330	8,336	8,374	8,385	80.0	63.5
Other Renewables ¹	219	335	357	427	426	508	610	1,138	1.9	8.6

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Oregon										
Electric Utilities.....	49,068,279	38,059,649	39,731,986	38,577,937	39,092,958	37,407,039	43,068,822	43,202,516	93.6	78.4
Coal.....	1,500,879	4,423,843	3,768,531	4,285,697	3,535,764	3,463,644	2,370,628	4,351,624	2.9	7.9
Petroleum.....	10,942	92,767	5,893	44,035	20,305	47,427	4,323	5,044	*	*
Natural Gas.....	1,273,183	5,183,521	1,799,217	1,232,518	2,605,531	3,097,591	2,988,707	5,137,296	2.4	9.3
Hydroelectric.....	46,283,275	28,359,518	34,158,327	32,980,206	32,896,035	30,765,882	37,603,801	33,367,317	88.3	60.6
Other Renewables ¹	-	-	18	35,481	35,323	32,495	101,363	341,235	-	0.6
Independent Power Producers and Combined Heat and Power.....	3,344,575	6,992,257	7,367,382	10,388,202	12,288,320	11,917,964	10,271,873	11,875,278	6.4	21.6
Coal.....	18,788	21,210	11,153	19,151	19,897	2,842 ^R	-	-	*	-
Petroleum.....	2,435	9,456	811	61	42,628 ^R	30,760 ^R	7,497 ^R	9,243	*	*
Natural Gas.....	2,324,286	5,799,444	6,013,676	9,011,178	10,919,652 ^R	10,093,405 ^R	8,249,935 ^R	9,720,371	4.4	17.6
Hydroelectric.....	420,425	285,034	254,840	270,126	184,784	182,463	246,496	220,122	0.8	0.4
Other Renewables ¹	578,641	839,528	1,048,773	1,047,116	1,079,781 ^R	1,568,017 ^R	1,727,625 ^R	1,887,058	1.1	3.4
Other ²	-	37,585	38,129	40,569	41,579 ^R	40,477	40,320	38,483	-	0.1
Total Electric Industry.....	52,412,854	45,051,906	47,099,368	48,966,139	51,381,278	49,325,003	53,340,695	55,077,794	100.0	100.0
Coal.....	1,519,667	4,445,053	3,779,684	4,304,848	3,555,661	3,466,486 ^R	2,370,628	4,351,624	2.9	7.9
Petroleum.....	13,377	102,223	6,704	44,096	62,933 ^R	78,187 ^R	11,820 ^R	14,287	*	*
Natural Gas.....	3,597,469	10,982,965	7,812,893	10,243,696	13,525,183 ^R	13,190,996 ^R	11,238,642 ^R	14,857,668	6.9	27.0
Hydroelectric.....	46,703,700	28,644,552	34,413,167	33,250,332	33,080,819	30,948,345	37,850,297	33,587,439	89.1	61.0
Other Renewables ¹	578,641	839,528	1,048,791	1,082,597	1,115,104 ^R	1,600,512 ^R	1,828,988 ^R	2,228,293	1.1	4.0
Other ²	-	37,585	38,129	40,569	41,579 ^R	40,477	40,320	38,483	-	0.1

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	114	111	133	125	118	128	130	138
Average heat value (Btu per pound).....	8,757	8,710	8,695	8,516	8,402	8,356	8,321	8,360
Average sulfur Content (percent)	0.33	0.38	0.31	0.29	0.33	0.32	0.37	0.31
Petroleum (cents per million Btu).....	490	636	572	787	870	1,217	1,406	1,619
Average heat value (Btu per gallon).....	140,000	143,095	140,000	138,490	141,074	139,760	139,205	143,000
Average sulfur Content (percent)	-	0.07	0.05	0.20	0.14	0.08	0.17	0.10
Natural Gas (cents per million Btu).....	148	375	328	437	500	662	600	607
Average heat value (Btu per cubic foot).....	1,011	1,020	1,019	1,022	1,021	1,021	1,021	1,023

Btu = British thermal unit.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Oregon								
Sulfur Dioxide								
Coal.....	7 ^R	16	11	12	12	11	8	13
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas	*	*	*	*	*	*	*	*
Other Renewables ¹	2 ^R	3						
Other ²	*	* ^R	*					
Total.....	9 ^R	19 ^R	14 ^R	15 ^R	14 ^R	14 ^R	11 ^R	16
Nitrogen Oxide								
Coal.....	3 ^R	10	8	9	7	8	5	10
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas	2	6	2	3	4	4	5	6
Other Renewables ¹	1 ^R	1 ^R	1 ^R	2				
Other ²	*	*	*	*	*	*	*	*
Total.....	7 ^R	18 ^R	11 ^R	14 ^R	13 ^R	14 ^R	12 ^R	17
Carbon Dioxide								
Coal.....	1,497	4,229	3,580	4,247	3,458	3,399	2,314	4,120
Petroleum.....	21	115	9	42	71	87	16	20
Natural Gas	1,760	4,867	3,475	4,413	5,568	5,447	4,690	6,351
Other ²	71 ^R	68 ^R	67 ^R	69 ^R	67 ^R	33 ^R	68 ^R	68
Total.....	3,350 ^R	9,279 ^R	7,132 ^R	8,771 ^R	9,163 ^R	8,966 ^R	7,088 ^R	10,559

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Oregon										
Retail Sales (thousand megawatthours)										
Residential	17,185	17,503	17,554	17,736	18,001	18,339	18,978	19,374	35.4	39.8
Commercial	14,047	14,816	14,902	15,483	15,667	15,380	16,083	16,187	28.9	33.2
Industrial	16,880	13,084	12,296	11,961	11,954	12,684	12,991	13,117	34.8	26.9
Other ¹	440	481	503	NA	NA	NA	NA	NA	0.9	--
Transportation.....	NA	NA	NA	15	16	17	18	18	--	*
All Sectors	48,552	45,885	45,255	45,195	45,636	46,419	48,069	48,697	100.0	100.0
Retail Revenue (million dollars).....										
Residential	956	1,100	1,249	1,252	1,293	1,330	1,419	1,586	42.7	46.4
Commercial	698	808	982	988	1,010	1,001	1,088	1,165	31.2	34.1
Industrial	557	551	581	554	529	613	630	664	24.9	19.4
Other ¹	28	35	48	NA	NA	NA	NA	NA	1.3	--
Transportation.....	NA	NA	NA	1	1	1	1	1	--	*
All Sectors	2,240	2,494	2,859	2,795	2,833	2,945	3,139	3,416	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	5.56	6.29	7.12	7.06	7.18	7.25	7.48	8.19	--	--
Commercial	4.97	5.45	6.59	6.38	6.45	6.51	6.77	7.20	--	--
Industrial	3.23	4.21	4.72	4.63	4.43	4.83	4.85	5.06	--	--
Other ¹	6.44	7.33	9.44	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	6.68	6.50	6.36	6.40	6.71	--	--
All Sectors	4.61	5.44	6.32	6.18	6.21	6.34	6.53	7.02	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities.....	3	18	2	19	NA	2	2	46
Number of Retail Customers	1,366,851	289,371	2	196,441	NA	363	NA	1,853,028
Retail Sales (thousand megawatthours).....	32,233	9,511	4	4,682	NA	2,269	NA	48,697
Percentage of Retail Sales	66.19	19.53	0.01	9.61	--	4.66	--	100.00
Revenue from Retail Sales (million dollars)	2,412	534	*	314	NA	139	18	3,416
Percentage of Revenue	70.59	15.62	*	9.19	--	4.06	0.53	100.00
Average Retail Price (cents/kWh).....	7.48	5.61	3.43	6.70	NA	6.12	0.80	7.02

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Oregon								
Supply								
Generation								
Electric Utilities	49,068	38,060	39,732	38,578	39,093	37,407	43,069	43,203
Independent Power Producers	511	467	718	4,003	4,801	4,493	4,055	4,269
Combined Heat and Power, Electric	2,166	5,675	5,842	5,358	5,891	5,947	4,831	6,181
Electric Power Sector Generation Subtotal	51,746	44,201	46,292	47,939	49,785	47,847	51,955	53,653
Combined Heat and Power, Commercial	7	13	6	9	6	5	4	17
Combined Heat and Power, Industrial	660	837	802	1,018	1,591	1,473	1,382	1,408
Industrial and Commercial Generation Subtotal	667	851	808	1,027	1,596	1,478	1,386	1,425
Total Net Generation	52,413	45,052	47,099	48,966	51,381	49,325	53,341	55,078
Total International Imports	773	151	1,477	284^R	2,523	521^R	456	1,441
Total Supply	53,185	45,203	48,576	49,251^R	53,904	49,846^R	53,797	56,519
Disposition								
Retail Sales								
Full Service Providers	47,603	45,885	45,255	45,195	44,791	44,865	46,962	46,428
Energy-Only Providers	949	-	-	-	845	1,555	1,107	2,269
Total Electric Industry Retail Sales	48,552	45,885	45,255	45,195	45,636	46,419	48,069	48,697
Direct Use	684	668	682	691	691	1,266	1,419	1,531
Total International Exports	-	11	9	6	77	445	470	207
Estimated Losses	3,463	2,594	2,857	2,595^R	2,882	3,226	3,570	3,356
Total Disposition	52,699	49,158	48,803	48,486^R	49,288	51,357	53,528	53,791
Net Interstate Trade	486	-3,955	-226	764^R	4,616	-1,510^R	269	2,728
Net Trade Index (ratio)	1.01	0.92	1.00	1.02^R	1.09	0.97^R	1.01	1.05

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Pennsylvania		
NERC Region(s).....		RFC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	45,106	4
Electric Utilities.....	455	44
Independent Power Producers & Combined Heat and Power.....	44,651	2
Net Generation (megawatthours).....	226,088,340	2
Electric Utilities.....	1,077,389	42
Independent Power Producers & Combined Heat and Power.....	225,010,951	2
Emissions (thousand metric tons)		
Sulfur Dioxide	889	2
Nitrogen Oxide.....	183	5
Carbon Dioxide.....	127,888	3
Sulfur Dioxide (lbs/MWh)	8.7	7
Nitrogen Oxide (lbs/MWh)	1.8	33
Carbon Dioxide (lbs/MWh).....	1,247	32
Total Retail Sales (megawatthours).....	151,572,950	5
Full Service Provider Sales (megawatthours)	140,610,065	5
Deregulated Sales (megawatthours).....	10,962,885	9
Direct Use (megawatthours)	2,352,282	16
Average Retail Price (cents/kWh).....	9.08	18

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Pennsylvania			
1. Bruce Mansfield	Coal	FirstEnergy Generation Corp	2,510
2. PPL Susquehanna	Nuclear	PPL Susquehanna LLC	2,289
3. Limerick.....	Nuclear	Exelon Nuclear	2,268
4. Peach Bottom.....	Nuclear	Exelon Nuclear	2,224
5. Homer City Station.....	Coal	Midwest Generations EME LLC	1,884
6. PPL Martins Creek	Coal	PPL Martins Creek LLC	1,742
7. Beaver Valley.....	Nuclear	FirstEnergy Nuclear Operating Company	1,738
8. Keystone	Coal	Reliant Engy NE Management Co	1,712
8. Conemaugh	Coal	Reliant Engy NE Management Co	1,712
10. Hatfields Ferry Power Station	Coal	Allegheny Energy Supply Co LLC	1,590

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. PECO Energy Co.....	Investor-Owned	39,272,808	13,444,915	8,466,713	16,609,632	751,548
2. PPL Electric Utilities Corp.....	Investor-Owned	38,234,677	14,568,456	13,952,545	9,617,876	95,800
3. West Penn Power Co.....	Investor-Owned	20,547,854	7,301,824	5,054,897	8,179,593	11,540
4. Metropolitan Edison Co.....	Investor-Owned	14,337,188	5,595,279	4,749,626	3,992,283	-
5. Pennsylvania Electric Co.....	Investor-Owned	13,820,149	4,466,026	5,163,308	4,190,815	-
Total Sales, Top Five Providers.....		126,212,676	45,376,500	37,387,089	42,590,199	858,888
Percent of Total State Sales.....		83	83	79	88	98

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Pennsylvania										
Electric Utilities.....	33,825	4,978	4,887	4,921	4,968	455	455	455	92.3	1.0
Coal.....	17,386	2,407	2,360	2,360	2,407	-	-	-	47.4	-
Petroleum.....	3,208	3	3	-	-	-	-	-	8.8	-
Natural Gas.....	2,283	48	4	30	30	30	30	30	6.2	0.1
Nuclear.....	9,006	1,641	1,641	1,652	1,652	-	-	-	24.6	-
Hydroelectric.....	623	444	444	444	444	425	425	425	1.7	0.9
Pumped Storage.....	1,319	435	435	435	435	-	-	-	3.6	-
Independent Power Producers and Combined Heat and Power.....	2,825	32,699	34,896	37,448	40,168	44,442	44,551	44,651	7.7	99.0
Coal.....	1,568	16,171	16,024	15,777	16,255	18,659	18,771	18,581	4.3	41.2
Petroleum.....	20	4,807	3,368	5,030	4,918	4,604	4,664	4,660	0.1	10.3
Natural Gas.....	676	2,466	6,218	7,053	9,354	9,371	9,319	9,380	1.8	20.8
Other Gases ¹	189	106	105	110	110	110	110	100	0.5	0.2
Nuclear.....	-	7,489	7,486	7,523	7,577	9,195	9,234	9,305	-	20.6
Hydroelectric.....	84	292	307	307	307	322	322	323	0.2	0.7
Other Renewables ²	286	458	477	575	578	675	618	781	0.8	1.7
Pumped Storage.....	-	910	910	1,072	1,070	1,505	1,513	1,521	-	3.4
Other ³	2	-	-	-	-	-	-	-	*	-
Total Electric Industry.....	36,650	37,678	39,783	42,368	45,136	44,897	45,005	45,106	100.0	100.0
Coal.....	18,954	18,578	18,384	18,137	18,662	18,659	18,771	18,581	51.7	41.2
Petroleum.....	3,228	4,811	3,372	5,030	4,918	4,604	4,664	4,660	8.8	10.3
Natural Gas.....	2,960	2,515	6,223	7,083	9,384	9,400	9,349	9,410	8.1	20.9
Other Gases ¹	189	106	105	110	110	110	110	100	0.5	0.2
Nuclear.....	9,006	9,130	9,127	9,175	9,229	9,195	9,234	9,305	24.6	20.6
Hydroelectric.....	707	736	751	751	751	748	748	748	1.9	1.7
Other Renewables ²	286	458	477	575	578	675	618	781	0.8	1.7
Pumped Storage.....	1,319	1,345	1,345	1,507	1,505	1,505	1,513	1,521	3.6	3.4
Other ³	2	-	-	-	-	-	-	-	*	-

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Pennsylvania										
Electric Utilities.....	177,166,516	27,633,966	30,537,243	30,099,444	33,900,004	1,058,313	1,311,434	1,077,389	91.6	0.5
Coal.....	105,445,514	13,863,092	15,935,860	15,944,113	18,396,944	-	-	-	54.5	-
Petroleum.....	2,307,411	21,609	39,420	34,944	32,129	7,717	2,942	-	1.2	-
Natural Gas.....	611,049	1,138	1,934	2,857	25,316	34,394	13,923	-	0.3	-
Nuclear.....	67,654,588	13,179,236	13,594,705	12,619,098	13,993,379	-	-	-	35.0	-
Hydroelectric.....	1,778,998	776,727	1,166,959	1,745,193	1,666,727	1,016,202	1,294,569	1,077,389	0.9	0.5
Pumped Storage.....	-631,044	-207,836	-201,635	-246,761	-214,491	-	-	-	-0.3	-
Independent Power Producers and Combined Heat and Power.....	16,296,682	168,942,625	173,785,635	176,250,070	180,758,497^R	217,032,812	217,500,161	225,010,951	8.4	99.5
Coal.....	10,058,988	98,037,356	97,970,580	100,065,761	98,778,839 ^R	120,933,254 ^R	122,557,903 ^R	122,693,094	5.2	54.3
Petroleum.....	397,698	3,540,978	2,693,525	4,500,393	4,109,684 ^R	4,931,845 ^R	1,515,515 ^R	1,484,074	0.2	0.7
Natural Gas.....	2,043,855	3,035,159	6,713,603	5,515,680	9,788,331 ^R	10,773,356 ^R	13,527,805 ^R	19,197,600	1.1	8.5
Other Gases ¹	756,189	613,137	568,725	508,176	583,772 ^R	540,065 ^R	554,432 ^R	533,986	0.4	0.2
Nuclear.....	-	60,551,561	62,494,225	61,741,764	63,465,253	76,289,432	75,297,632	77,376,316	-	34.2
Hydroelectric.....	470,117	873,277	1,043,604	1,601,074	1,488,611	1,215,977	1,549,573	1,158,593	0.2	0.5
Other Renewables ²	2,540,880	1,896,196	2,062,494	2,097,618	2,275,653 ^R	2,329,308 ^R	2,472,946 ^R	2,546,196	1.3	1.1
Pumped Storage.....	-	-407,614	-456,119	-492,233	-471,393	-711,041	-698,177	-722,855	-	-0.3
Other ³	28,955	802,575	694,998	711,838	739,746 ^R	730,615	722,532 ^R	743,948	*	0.3
Total Electric Industry.....	193,463,198	196,576,591	204,322,878	206,349,514	214,658,501^R	218,091,125	218,811,595	226,088,340	100.0	100.0
Coal.....	115,504,502	111,900,448	113,906,440	116,009,874	117,175,783 ^R	120,933,254 ^R	122,557,903 ^R	122,693,094	59.7	54.3
Petroleum.....	2,705,109	3,562,587	2,732,945	4,535,337	4,141,813 ^R	4,939,562 ^R	1,518,457 ^R	1,484,074	1.4	0.7
Natural Gas.....	2,654,904	3,036,297	6,715,537	5,518,537	9,813,647 ^R	10,807,750 ^R	13,541,728 ^R	19,197,600	1.4	8.5
Other Gases ¹	756,189	613,137	568,725	508,176	583,772 ^R	540,065 ^R	554,432 ^R	533,986	0.4	0.2
Nuclear.....	67,654,588	73,730,797	76,088,930	74,360,862	77,458,632	76,289,432	75,297,632	77,376,316	35.0	34.2
Hydroelectric.....	2,249,115	1,650,004	2,210,563	3,346,267	3,155,338	2,232,179	2,844,142	2,235,982	1.2	1.0
Other Renewables ²	2,540,880	1,896,196	2,062,494	2,097,618	2,275,653 ^R	2,329,308 ^R	2,472,946 ^R	2,546,196	1.3	1.1
Pumped Storage.....	-631,044	-615,450	-657,754	-738,994	-685,884	-711,041	-698,177	-722,855	-0.3	-0.3
Other ³	28,955	802,575	694,998	711,838	739,746 ^R	730,615	722,532 ^R	743,948	*	0.3

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Pennsylvania								
Coal (cents per million Btu)	136	121	125	122	137	159	172	175
Average heat value (Btu per pound).....	12,279	11,240	12,111	11,733	11,615	11,741	11,459	11,400
Average sulfur Content (percent)	2.13	2.12	1.95	1.95	2.00	1.94	2.09	2.08
Petroleum (cents per million Btu).....	225	373	464	467	451	746	762	916
Average heat value (Btu per gallon).....	126,590	146,429	145,976	144,660	144,343	146,174	139,310	139,290
Average sulfur Content (percent)	2.10	0.46	0.50	1.35	1.42	1.07	1.87	1.73
Natural Gas (cents per million Btu).....	293	851	390	625	723	990	772	780
Average heat value (Btu per cubic foot).....	1,034	1,020	1,036	1,038	1,033	1,033	1,033	1,035

Btu = British thermal unit.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Pennsylvania								
Sulfur Dioxide								
Coal.....	1,052 ^R	945	861	888	904	994	819	870
Petroleum.....	49 ^R	32	15	18	21	20	17	16
Natural Gas.....	*	*	*	*	*	*	*	*
Other Gases.....	*	*	*	*	*	*	*	*
Other Renewables ¹	4 ^R	3 ^R	4 ^R	3 ^R	3 ^R	4 ^R	3 ^R	3
Other ²	3 ^R	*	1 ^R	*	*	*	*	*
Total.....	1,108 ^R	980 ^R	880 ^R	910 ^R	929 ^R	1,019 ^R	839 ^R	889
Nitrogen Oxide								
Coal.....	244 ^R	200	203	161	160	161	156	163
Petroleum.....	13 ^R	14	6	7	9	10	7	8
Natural Gas.....	10 ^R	5	6	5	4	4	4	4
Other Gases.....	1 ^R	2 ^R	1 ^R	*	1 ^R	1 ^R	*	*
Other Renewables ¹	3 ^R	7 ^R	5 ^R	6 ^R	6 ^R	7 ^R	6 ^R	6
Other ²	7 ^R	2 ^R	2 ^R	2 ^R	2 ^R	3 ^R	2 ^R	2
Total.....	277 ^R	230 ^R	224 ^R	182 ^R	182 ^R	186 ^R	176 ^R	183
Carbon Dioxide								
Coal.....	109,868	105,098	110,970	110,392	111,398	115,163	116,964	116,547
Petroleum.....	3,385	3,634	2,956	4,442	4,117	5,194	1,401	1,624
Natural Gas.....	1,769	2,018	3,572	3,026	4,964	5,183	6,270	8,439
Other ²	1,207 ^R	1,296 ^R	1,162 ^R	1,212 ^R	1,178 ^R	1,172 ^R	1,228 ^R	1,279
Total.....	116,229 ^R	112,046 ^R	118,660 ^R	119,072 ^R	121,657 ^R	126,713 ^R	125,864 ^R	127,888

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Pennsylvania										
Retail Sales (thousand megawatthours)										
Residential	42,785	46,030	48,730	49,651	50,663	53,661	51,790	54,587	33.4	36.0
Commercial	35,925	40,553	42,632	43,218	44,355	45,782	45,624	47,531	28.0	31.4
Industrial	48,063	47,383	47,090	46,773	47,659	47,950	47,920	48,579	37.5	32.1
Other ¹	1,304	1,306	1,368	NA	NA	NA	NA	NA	1.0	--
Transportation.....	NA	NA	NA	727	823	880	816	876	--	0.6
All Sectors	128,076	135,272	139,820	140,369	143,501	148,273	146,150	151,573	100.0	100.0
Retail Revenue (million dollars).....										
Residential	4,233	4,454	4,747	4,760	4,853	5,289	5,359	5,977	41.4	43.4
Commercial	3,021	3,497	3,623	3,724	3,774	3,890	4,081	4,375	29.5	31.8
Industrial	2,827	2,731	2,747	2,715	2,799	3,018	3,179	3,338	27.6	24.3
Other ¹	153	150	159	NA	NA	NA	NA	NA	1.5	--
Transportation.....	NA	NA	NA	57	60	64	61	68	--	0.5
All Sectors	10,233	10,832	11,276	11,256	11,486	12,261	12,680	13,757	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	9.90	9.68	9.74	9.59	9.58	9.86	10.35	10.95	--	--
Commercial	8.41	8.62	8.50	8.62	8.51	8.50	8.94	9.20	--	--
Industrial	5.89	5.76	5.83	5.80	5.87	6.29	6.63	6.87	--	--
Other ¹	11.71	11.46	11.59	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	7.78	7.32	7.22	7.45	7.72	--	--
All Sectors	7.99	8.01	8.06	8.02	8.00	8.27	8.68	9.08	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Pennsylvania								
Number of Entities.....	11	35	NA	13	NA	15	6	80
Number of Retail Customers	5,453,416	83,455	NA	215,275	NA	150,514	NA	5,902,660
Retail Sales (thousand megawatthours).....	136,504	1,493	NA	2,613	NA	10,963	NA	151,573
Percentage of Retail Sales	90.06	0.98	--	1.72	--	7.23	--	100.00
Revenue from Retail Sales (million dollars)	12,400	150	NA	273	NA	735	198	13,757
Percentage of Revenue	90.14	1.09	--	1.99	--	5.35	1.44	100.00
Average Retail Price (cents/kWh).....	9.08	10.02	NA	10.46	NA	6.71	1.81	9.08

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Pennsylvania								
Supply								
Generation								
Electric Utilities.....	177,167	27,634	30,537	30,099	33,900	1,058	1,311	1,077
Independent Power Producers	4,742	158,605	164,018	165,678	170,336	205,816	205,075	212,668
Combined Heat and Power, Electric	7,239	6,171	5,718	6,774	6,676	7,629	8,854	9,033
Electric Power Sector Generation Subtotal	189,147	192,410	200,274	202,551	210,912	214,503	215,240	222,778
Combined Heat and Power, Commercial	411	405	443	399	414	408	400	385
Combined Heat and Power, Industrial.....	3,905	3,762	3,606	3,399	3,332	3,181	3,172	2,925
Industrial and Commercial Generation Subtotal.....	4,316	4,167	4,049	3,798	3,746	3,589	3,571	3,310
Total Net Generation.....	193,463	196,577	204,323	206,350	214,659	218,091	218,812	226,088
Total International Imports.....	114	-	*	18	86	30	32	158
Total Supply	193,577	196,577	204,323	206,367	214,745	218,122	218,843	226,246
Disposition								
Retail Sales								
Full Service Providers	127,875	115,913	128,688	127,964	130,848	137,221	137,244	140,610
Energy-Only Providers.....	201	19,359	11,132	12,405	12,653	11,052	8,906	10,963
Total Electric Industry Retail Sales.....	128,076	135,272	139,820	140,369	143,501	148,273	146,150	151,573
Direct Use	4,490	4,328	4,422	4,478	4,483	3,287	2,872	2,352
Total International Exports.....	1	-	96	103^R	263	317	127	96
Estimated Losses.....	9,136	9,237	10,474	9,127^R	11,007	11,661^R	11,264	10,789
Total Disposition.....	141,703	148,837	154,813	154,078^R	159,254	163,537	160,413	164,810
Net Interstate Trade.....	51,874	47,740	49,511	52,290^R	55,491	54,584	58,430	61,436
Net Trade Index (ratio)	1.37	1.32	1.32	1.34	1.35	1.33	1.36	1.37

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Rhode Island		
NERC Region(s).....		NPCC
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	1,782	49
Electric Utilities.....	8	50
Independent Power Producers & Combined Heat and Power.....	1,774	36
Net Generation (megawatthours).....	7,049,844	47
Electric Utilities.....	11,075	48
Independent Power Producers & Combined Heat and Power.....	7,038,769	34
Emissions (thousand metric tons)		
Sulfur Dioxide	1	49
Nitrogen Oxide.....	3	49
Carbon Dioxide.....	2,946	48
Sulfur Dioxide (lbs/MWh)	0.2	49
Nitrogen Oxide (lbs/MWh)	0.9	43
Carbon Dioxide (lbs/MWh).....	921	40
Total Retail Sales (megawatthours).....	8,013,022	49
Full Service Provider Sales (megawatthours)	6,871,049	47
Deregulated Sales (megawatthours).....	1,141,973	19
Direct Use (megawatthours).....	57,705	47
Average Retail Price (cents/kWh).....	13.12	8

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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	528
2. Manchester Street	Gas	Dominion Energy New England, LLC	447
3. Tiverton Power Plant.....	Gas	Tiverton Power Associates LP	250
4. Ocean State Power II	Gas	Ocean State Power II	219
4. Ocean State Power.....	Gas	Ocean State Power Co	219
6. Pawtucket Power Associates	Gas	Pawtucket Power Associates LP	63
7. Ridgewood Providence Power	Other Renewables	Ridgewood Power Management LLC	24
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	7

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Rhode Island						
1. The Narragansett Electric Co	Investor-Owned	6,808,288	3,094,857	2,948,836	764,595	-
2. Constellation NewEnergy, Inc.....	Other Provider	635,543	-	470,590	164,953	-
3. TransCanada Power Mktg Ltd.....	Other Provider	225,128	-	-	225,128	-
4. Hess Retail Natural Gas and Elec. Acctg.....	Other Provider	103,558	-	103,558	-	-
5. Integrys Energy Services, Inc.....	Other Provider	101,280	-	101,280	-	-
Total Sales, Top Five Providers		7,873,797	3,094,857	3,624,264	1,154,676	-
Percent of Total State Sales		98	99	98	99	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Rhode Island										
Electric Utilities.....	441	7	9	9	9	6	8	8	45.0	0.5
Petroleum.....	20	6	7	7	7	5	7	7	2.0	0.4
Natural Gas	420	-	-	-	-	-	-	-	42.8	-
Hydroelectric	1	1	1	1	1	1	1	1	0.1	0.1
Independent Power Producers and Combined Heat and Power	540	1,214	1,715	1,726	1,734	1,742	1,763	1,774	55.0	99.5
Petroleum.....	3	7	10	10	24	24	24	22	0.3	1.2
Natural Gas	519	1,189	1,687	1,698	1,692	1,691	1,712	1,725	52.9	96.8
Hydroelectric	3	3	3	3	3	3	3	3	0.3	0.2
Other Renewables ¹	15	15	15	15	15	24	24	24	1.5	1.3
Total Electric Industry.....	981	1,221	1,723	1,734	1,743	1,748	1,771	1,782	100.0	100.0
Petroleum.....	23	13	17	17	31	29	31	29	2.3	1.6
Natural Gas	939	1,189	1,687	1,698	1,692	1,691	1,712	1,725	95.7	96.8
Hydroelectric	4	4	4	4	4	4	4	4	0.4	0.2
Other Renewables ¹	15	15	15	15	15	24	24	24	1.5	1.3

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Rhode Island										
Electric Utilities.....	3,562,833	-	11,836	11,771	12,402	10,805	11,008	11,075	46.2	0.2
Petroleum.....	16,609	-	11,836	11,771	12,402	10,805	11,008	11,075	0.2	0.2
Natural Gas.....	3,546,224	-	-	-	-	-	-	-	46.0	-
Independent Power Producers and Combined Heat and Power.....	4,146,720	7,501,892	7,044,929	5,609,373	4,927,018	6,042,489	5,956,717	7,038,769	53.8	99.8
Petroleum.....	72,441	70,003	45,697	46,588	36,123 ^R	46,365 ^R	21,668 ^R	22,876	0.9	0.3
Natural Gas.....	3,962,180	7,325,130	6,310,417	5,454,996	4,783,907 ^R	5,989,390 ^R	5,780,227 ^R	6,856,772	51.4	97.3
Hydroelectric.....	7,509	3,143	3,685	6,021	5,461	6,734	5,909	4,364	0.1	0.1
Other Renewables ¹	104,590	103,616	97,752	101,768	101,526	-	148,913	154,757	1.4	2.2
Other ²	-	-	587,378	-	-	-	-	-	-	-
Total Electric Industry.....	7,709,553	7,501,892	7,056,765	5,621,144	4,939,420	6,053,294	5,967,725	7,049,844	100.0	100.0
Petroleum.....	89,050	70,003	57,533	58,359	48,525 ^R	57,170 ^R	32,676 ^R	33,951	1.2	0.5
Natural Gas.....	7,508,404	7,325,130	6,310,417	5,454,996	4,783,907 ^R	5,989,390 ^R	5,780,227 ^R	6,856,772	97.4	97.3
Hydroelectric.....	7,509	3,143	3,685	6,021	5,461	6,734	5,909	4,364	0.1	0.1
Other Renewables ¹	104,590	103,616	97,752	101,768	101,526	-	148,913	154,757	1.4	2.2
Other ²	-	-	587,378	-	-	-	-	-	-	-

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Rhode Island								
Petroleum (cents per million Btu)	-	-	-	W	W	W	-	1,931
Average heat value (Btu per gallon).....	-	-	-	140,564	140,562	135,160	-	138,571
Average sulfur Content (percent)	-	-	-	0.14	0.09	0.03	-	0.15
Natural Gas (cents per million Btu).....	326	-	455	650	680	951	734	781
Average heat value (Btu per cubic foot).....	1,027	-	1,032	1,033	1,036	1,018	1,032	1,031

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Rhode Island								
Sulfur Dioxide								
Petroleum.....	1	1	1	1	1	1	1	1
Natural Gas.....	*	*	*	*	*	*	*	*
Other Renewables ¹	* ^R	*						
Total.....	1 ^R	1						
Nitrogen Oxide								
Petroleum.....	1 ^R	*	*	*	*	*	1	*
Natural Gas.....	5 ^R	1	1	*	*	*	*	1
Other Renewables ¹	1 ^R	2 ^R	2					
Other ²	-	-	*	-	-	-	-	-
Total.....	7 ^R	2 ^R	3 ^R	3				
Carbon Dioxide								
Petroleum.....	216	234	165	128	165	193	117	101
Natural Gas.....	3,343	3,194	2,917	2,272	1,942	2,409	2,395	2,845
Total.....	3,559 ^R	3,428 ^R	3,082 ^R	2,400 ^R	2,106 ^R	2,602 ^R	2,513 ^R	2,946

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Rhode Island										
Retail Sales (thousand megawatthours)										
Residential	2,486	2,699	2,829	2,998	3,000	3,171	3,008	3,132	36.9	39.1
Commercial	2,697	3,240	3,316	3,490	3,542	3,628	3,599	3,710	40.0	46.3
Industrial	1,386	1,386	1,331	1,309	1,345	1,250	1,191	1,171	20.6	14.6
Other ¹	174	68	85	NA	NA	NA	NA	NA	2.6	--
All Sectors	6,745	7,393	7,561	7,797	7,888	8,049	7,799	8,013	100.0	100.0
Retail Revenue (million dollars)										
Residential	301	327	289	348	366	413	455	440	41.8	41.9
Commercial	279	374	287	352	373	425	486	470	38.8	44.7
Industrial	118	130	106	116	126	125	149	141	16.4	13.4
Other ¹	22	16	14	NA	NA	NA	NA	NA	3.0	--
All Sectors	720	847	696	816	865	963	1,090	1,051	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	12.12	12.13	10.20	11.61	12.19	13.04	15.12	14.05	--	--
Commercial	10.40	11.54	8.65	10.09	10.53	11.71	13.51	12.67	--	--
Industrial	8.52	9.36	7.96	8.88	9.37	10.01	12.51	12.04	--	--
Other ¹	12.35	22.86	16.46	NA	NA	NA	NA	NA	--	--
All Sectors	10.70	11.45	9.20	10.47	10.96	11.97	13.98	13.12	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

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	5	1	9
Number of Retail Customers	479,470	4,507	NA	NA	NA	3,439	NA	487,416
Retail Sales (thousand megawatthours)	6,819	52	NA	NA	NA	1,142	NA	8,013
Percentage of Retail Sales	85.10	0.65	--	--	--	14.25	--	100.00
Revenue from Retail Sales (million dollars)	901	7	NA	NA	NA	100	44	1,051
Percentage of Revenue	85.71	0.66	--	--	--	9.48	4.15	100.00
Average Retail Price (cents/kWh)	13.21	13.44	NA	NA	NA	8.72	3.82	13.12

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Rhode Island								
Supply								
Generation								
Electric Utilities.....	3,563	-	12	12	12	11	11	11
Independent Power Producers	3,552	6,990	6,927	5,557	4,891	5,957	5,875	6,989
Combined Heat and Power, Electric	539	459	71	9	-	18	18	-
Electric Power Sector Generation Subtotal	7,654	7,449	7,010	5,578	4,904	5,987	5,904	7,000
Combined Heat and Power, Commercial	51	50	47	43	33	65	62	49
Combined Heat and Power, Industrial.....	5	2	*	*	2	2	1	1
Industrial and Commercial Generation Subtotal	56	52	47	43	36	67	64	50
Total Net Generation	7,710	7,502	7,057	5,621	4,939	6,053	5,968	7,050
Total International Imports	1,699	766	326	144	322	407	409^R	556
Total Supply	9,409	8,268	7,382	5,765	5,261	6,460	6,376^R	7,606
Disposition								
Retail Sales								
Full Service Providers	6,693	6,448	6,633	7,097	7,043	7,160	6,771	6,871
Energy-Only Providers.....	51	945	928	700	844	889	1,029	1,142
Total Electric Industry Retail Sales	6,745	7,393	7,561	7,797	7,888	8,049	7,799	8,013
Direct Use	60	63	64	65	65	69	66	58
Total International Exports	-	-	-	38	20	60	89	138
Estimated Losses	481	399	502	452^R	494^R	537^R	526	549
Total Disposition	7,286	7,854	8,127	8,352^R	8,466^R	8,715^R	8,480^R	8,758
Net Interstate Trade	2,123	413	-744	-2,587^R	-3,205^R	-2,255^R	-2,104^R	-1,152
Net Trade Index (ratio)	1.29	1.05	0.91	0.69	0.62	0.74	0.75	0.87

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
South Carolina		
NERC Region(s).....		SERC
Primary Energy Source.....		Nuclear
Net Summer Capacity (megawatts)	23,566	16
Electric Utilities.....	21,730	10
Independent Power Producers & Combined Heat and Power.....	1,836	35
Net Generation (megawatthours).....	103,402,142	15
Electric Utilities.....	99,997,011	7
Independent Power Producers & Combined Heat and Power.....	3,405,130	39
Emissions (thousand metric tons)		
Sulfur Dioxide	173	18
Nitrogen Oxide.....	46	32
Carbon Dioxide.....	42,107	25
Sulfur Dioxide (lbs/MWh)	3.7	24
Nitrogen Oxide (lbs/MWh)	1.0	40
Carbon Dioxide (lbs/MWh).....	898	41
Total Retail Sales (megawatthours).....	81,948,158	18
Full Service Provider Sales (megawatthours)	81,948,158	18
Direct Use (megawatthours)	1,769,634	20
Average Retail Price (cents/kWh).....	7.18	33

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
South Carolina			
1. Oconee	Nuclear	Duke Energy Carolinas, LLC	2,538
2. Catawba	Nuclear	Duke Energy Carolinas, LLC	2,258
3. Cross	Coal	South Carolina Pub Serv Auth	1,714
4. Bad Creek	Pumped Storage	Duke Energy Carolinas, LLC	1,360
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	905
9. Jocassee	Pumped Storage	Duke Energy Carolinas, LLC	890
10. Jasper	Gas	South Carolina Electric&Gas Co	852

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. South Carolina Electric&Gas Co.....	Investor-Owned	22,116,532	7,814,159	8,035,472	6,266,901	-
2. Duke Energy Carolinas, LLC.....	Investor-Owned	21,991,466	6,446,301	5,851,534	9,693,631	-
3. South Carolina Pub Serv Auth.....	Public	11,592,271	1,676,912	2,043,657	7,871,702	-
4. Progress Energy Carolinas Inc.....	Investor-Owned	6,781,871	2,182,809	1,889,986	2,709,076	-
5. Berkeley Electric Coop Inc.....	Cooperative	1,551,499	1,151,117	214,580	185,802	-
Total Sales, Top Five Providers.....		64,033,639	19,271,298	18,035,229	26,727,112	-
Percent of Total State Sales.....		78	65	83	87	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Electric Utilities.....	17,431	18,246	19,101	19,402	20,406	20,787	21,019	21,730	97.7	92.2
Coal.....	5,794	6,077	5,925	5,925	5,968	5,968	5,984	6,460	32.5	27.4
Petroleum.....	1,192	955	955	970	684	689	682	682	6.7	2.9
Natural Gas.....	585	1,279	2,150	2,437	3,712	3,708	3,923	3,956	3.3	16.8
Nuclear.....	6,421	6,445	6,492	6,472	6,472	6,472	6,472	6,472	36.0	27.5
Hydroelectric.....	1,252	1,271	1,360	1,360	1,316	1,324	1,321	1,315	7.0	5.6
Other Renewables ¹	-	-	-	3	3	9	20	20	-	0.1
Pumped Storage.....	2,187	2,219	2,219	2,235	2,251	2,616	2,616	2,826	12.3	12.0
Independent Power Producers and Combined Heat and Power.....	405	1,181	1,262	1,257	1,790	1,765	1,764	1,836	2.3	7.8
Coal.....	131	103	103	103	103	103	103	182	0.7	0.8
Petroleum.....	1	3	3	3	3	3	3	3	*	*
Natural Gas.....	5	819	901	895	1,430	1,408	1,404	1,400	*	5.9
Hydroelectric.....	18	24	24	24	24	24	24	23	0.1	0.1
Other Renewables ¹	250	232	232	232	230	227	230	230	1.4	1.0
Total Electric Industry.....	17,836	19,427	20,363	20,659	22,196	22,551	22,782	23,566	100.0	100.0
Coal.....	5,925	6,180	6,028	6,028	6,072	6,072	6,088	6,641	33.2	28.2
Petroleum.....	1,193	958	958	972	686	692	685	685	6.7	2.9
Natural Gas.....	589	2,098	3,051	3,332	5,143	5,116	5,327	5,355	3.3	22.7
Nuclear.....	6,421	6,445	6,492	6,472	6,472	6,472	6,472	6,472	36.0	27.5
Hydroelectric.....	1,271	1,295	1,384	1,384	1,340	1,348	1,345	1,337	7.1	5.7
Other Renewables ¹	250	232	232	235	233	236	250	250	1.4	1.1
Pumped Storage.....	2,187	2,219	2,219	2,235	2,251	2,616	2,616	2,826	12.3	12.0

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
South Carolina										
Electric Utilities.....	78,374,450	86,734,778	93,689,257	91,544,429	94,406,828	99,104,373	95,872,763	99,997,011	97.0	96.7
Coal.....	31,042,658	36,302,690	36,490,769	37,065,509	38,516,633	39,352,428	39,140,908	41,270,230	38.4	39.9
Petroleum.....	188,326	225,008	205,664	289,474	690,071	484,181	135,522	174,663	0.2	0.2
Natural Gas.....	181,202	193,612	3,466,140	1,365,534	2,527,103	4,153,040	4,742,493	4,599,720	0.2	4.4
Nuclear.....	44,915,514	49,869,998	53,325,854	50,417,690	51,200,640	53,137,554	50,797,372	53,199,914	55.6	51.4
Hydroelectric.....	2,901,794	1,179,192	1,328,524	3,590,944	2,382,225	2,858,778	1,766,438	1,523,502	3.6	1.5
Other Renewables ¹	-	-	15,522	22,091	239,246	317,067	409,929	439,597	-	0.4
Pumped Storage.....	-855,044	-1,035,722	-1,143,216	-1,206,813	-1,149,090	-1,198,675	-1,119,899	-1,210,614	-1.1	-1.2
Independent Power Producers and Combined Heat and Power.....	2,453,608	2,424,209	2,874,241	2,228,249	3,533,101	3,410,292	3,394,843	3,405,130	3.0	3.3
Coal.....	531,716	396,314	456,953	366,514	405,587 ^R	339,631 ^R	331,938 ^R	312,439	0.7	0.3
Petroleum.....	175,679	83,097	94,673	167,397	181,220 ^R	134,253 ^R	101,395 ^R	42,625	0.2	*
Natural Gas.....	109,509	982,502	1,032,179	297,248	1,270,755 ^R	1,261,143 ^R	1,325,568 ^R	1,364,839	0.1	1.3
Other Gases ²	1,141	198	314	73	10 ^R	5,642 ^R	16 ^R	15	*	*
Hydroelectric.....	56,359	46,251	61,227	74,482	64,684	79,369	40,510	32,410	0.1	*
Other Renewables ¹	1,574,159	894,154	1,228,895	1,273,858	1,523,933 ^R	1,496,573 ^R	1,500,508 ^R	1,556,437	1.9	1.5
Other ³	5,045	21,693	-	48,677	86,912 ^R	93,680 ^R	94,908 ^R	96,366	*	0.1
Total Electric Industry.....	80,828,058	89,158,987	96,563,498	93,772,678	97,939,929	102,514,665	99,267,606	103,402,142	100.0	100.0
Coal.....	31,574,374	36,699,004	36,947,722	37,432,023	38,922,220 ^R	39,692,059 ^R	39,472,846 ^R	41,582,670	39.1	40.2
Petroleum.....	364,005	308,105	300,337	456,871	871,291 ^R	618,434 ^R	236,917 ^R	217,287	0.5	0.2
Natural Gas.....	290,711	1,176,114	4,498,319	1,662,782	3,797,858 ^R	5,414,183 ^R	6,068,061 ^R	5,964,558	0.4	5.8
Other Gases ²	1,141	198	314	73	10 ^R	5,642 ^R	16 ^R	15	*	*
Nuclear.....	44,915,514	49,869,998	53,325,854	50,417,690	51,200,640	53,137,554	50,797,372	53,199,914	55.6	51.4
Hydroelectric.....	2,958,153	1,225,443	1,389,751	3,665,426	2,446,909	2,938,147	1,806,948	1,555,912	3.7	1.5
Other Renewables ¹	1,574,159	894,154	1,244,417	1,295,949	1,763,179 ^R	1,813,640 ^R	1,910,437 ^R	1,996,034	1.9	1.9
Pumped Storage.....	-855,044	-1,035,722	-1,143,216	-1,206,813	-1,149,090	-1,198,675	-1,119,899	-1,210,614	-1.1	-1.2
Other ³	5,045	21,693	-	48,677	86,912 ^R	93,680 ^R	94,908 ^R	96,366	*	0.1

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	145	157	W	W	W	W	W	W
Average heat value (Btu per pound).....	12,855	12,570	12,698	12,669	12,565	12,617	12,584	12,539
Average sulfur Content (percent)	1.20	1.15	1.16	1.10	1.24	1.24	1.29	1.25
Petroleum (cents per million Btu).....	454	585	W	W	W	W	W	W
Average heat value (Btu per gallon).....	138,067	143,095	145,331	144,988	138,905	143,257	138,717	143,581
Average sulfur Content (percent)	0.22	0.21	1.23	1.69	3.67	2.42	2.89	1.05
Natural Gas (cents per million Btu).....	398	257	W	W	W	W	787	792
Average heat value (Btu per cubic foot).....	1,024	1,030	1,034	1,031	1,035	1,033	1,033	1,030

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
South Carolina								
Sulfur Dioxide								
Coal.....	189 ^R	197	191	197	207	206	206	161
Petroleum.....	4 ^R	3	3	3	5	4	4	3
Natural Gas	* ^R	*	*	*	*	*	*	*
Other Renewables ¹	12 ^R	7 ^R	7 ^R	7 ^R	7 ^R	7 ^R	7 ^R	7
Other ²	*	* ^R	-	1 ^R	2 ^R	2 ^R	2 ^R	2
Total.....	205 ^R	206 ^R	201 ^R	208 ^R	221 ^R	218 ^R	219 ^R	173
Nitrogen Oxide								
Coal.....	98 ^R	78	77	72	60	47	44	41
Petroleum.....	1	1	1	1	1	1	1	1
Natural Gas	1	*	1	1	1	1	1	1
Other Gases.....	* ^R	-	-	-	-	-	-	-
Other Renewables ¹	5 ^R	4 ^R	4 ^R	2 ^R	2 ^R	2 ^R	3 ^R	3
Other ²	1 ^R	*	-	*	*	*	*	*
Total.....	105 ^R	83 ^R	84 ^R	76 ^R	65 ^R	51 ^R	49 ^R	46
Carbon Dioxide								
Coal.....	30,113	34,395	33,993	35,033	36,930	37,313	37,365	38,723
Petroleum.....	586	423	486	656	1,066	795	407	284
Natural Gas	318	647	2,074	754	1,729	2,477	2,779	2,793
Other ²	92 ^R	91 ^R	-	179 ^R	249 ^R	283 ^R	296 ^R	308
Total.....	31,109 ^R	35,556 ^R	36,553 ^R	36,622 ^R	39,975 ^R	40,867 ^R	40,847 ^R	42,107

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
South Carolina										
Retail Sales (thousand megawatthours)										
Residential	21,611	24,875	26,787	26,422	27,910	28,676	28,539	29,569	31.5	36.1
Commercial	14,806	17,484	18,157	19,336	20,113	20,498	20,923	21,746	21.6	26.5
Industrial	31,278	31,528	31,926	31,296	31,886	32,080	31,416	30,632	45.6	37.4
Other ¹	840	946	950	NA	NA	NA	NA	NA	1.2	--
All Sectors	68,534	74,832	77,819	77,054	79,908	81,254	80,877	81,948	100.0	100.0
Retail Revenue (million dollars)										
Residential	1,623	1,912	2,069	2,117	2,267	2,487	2,576	2,716	43.0	46.2
Commercial	937	1,127	1,177	1,316	1,390	1,515	1,591	1,684	24.8	28.6
Industrial	1,160	1,218	1,229	1,251	1,315	1,460	1,481	1,479	30.8	25.2
Other ¹	51	60	61	NA	NA	NA	NA	NA	1.3	--
All Sectors	3,771	4,317	4,537	4,684	4,972	5,462	5,648	5,880	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.51	7.69	7.72	8.01	8.12	8.67	9.03	9.19	--	--
Commercial	6.33	6.45	6.48	6.81	6.91	7.39	7.60	7.74	--	--
Industrial	3.71	3.86	3.85	4.00	4.13	4.55	4.71	4.83	--	--
Other ¹	6.04	6.39	6.44	NA	NA	NA	NA	NA	--	--
All Sectors	5.50	5.77	5.83	6.08	6.22	6.72	6.98	7.18	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
South Carolina								
Number of Entities	4	22	NA	21	NA	NA	NA	47
Number of Retail Customers	1,340,555	336,470	NA	700,931	NA	NA	NA	2,377,956
Retail Sales (thousand megawatthours)	51,107	15,773	NA	15,068	NA	NA	NA	81,948
Percentage of Retail Sales	62.37	19.25	--	18.39	--	--	--	100.00
Revenue from Retail Sales (million dollars)	3,586	976	NA	1,318	NA	NA	NA	5,880
Percentage of Revenue	60.99	16.60	--	22.41	--	--	--	100.00
Average Retail Price (cents/kWh)	7.02	6.19	NA	8.75	NA	NA	NA	7.18

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
South Carolina								
Supply								
Generation								
Electric Utilities.....	78,374	86,735	93,689	91,544	94,407	99,104	95,873	99,997
Independent Power Producers	55	497	633	278	486	735	730	771
Combined Heat and Power, Electric	-	509	416	100	855	595	623	619
Electric Power Sector Generation Subtotal	78,429	87,741	94,738	91,923	95,747	100,435	97,225	101,387
Combined Heat and Power, Commercial	68	54	2	56	87	82	84	69
Combined Heat and Power, Industrial.....	2,331	1,364	1,823	1,794	2,106	1,998	1,958	1,946
Industrial and Commercial Generation Subtotal.....	2,399	1,418	1,826	1,850	2,193	2,080	2,042	2,015
Total Net Generation.....	80,828	89,159	96,563	93,773	97,940	102,515	99,268	103,402
Total Supply	80,828	89,159	96,563	93,773	97,940	102,515	99,268	103,402
Disposition								
Retail Sales								
Full Service Providers	68,534	74,832	77,819	77,054	79,908	81,254	80,877	81,948
Total Electric Industry Retail Sales	68,534	74,832	77,819	77,054	79,908	81,254	80,877	81,948
Direct Use	2,117	1,973	2,016	2,042	2,044	1,599	1,620	1,770
Estimated Losses.....	4,889	2,976	4,675	4,201 ^R	4,889	5,659	5,469	5,598
Total Disposition	75,540	79,782	84,511	83,297^R	86,842	88,512	87,966	89,316
Net Interstate Trade.....	5,288	9,377	12,053	10,475 ^R	11,098	14,003	11,302	14,086
Net Trade Index (ratio).....	1.07	1.12	1.14	1.13	1.13	1.16	1.13	1.16

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
South Dakota		
NERC Region(s).....		MRO/WECC
Primary Energy Source.....		Hydroelectric
Net Summer Capacity (megawatts)	2,870	46
Electric Utilities.....	2,826	36
Independent Power Producers & Combined Heat and Power.....	44	50
Net Generation (megawatthours).....	6,136,605	49
Electric Utilities.....	5,991,253	40
Independent Power Producers & Combined Heat and Power.....	145,352	49
Emissions (thousand metric tons)		
Sulfur Dioxide	9	44
Nitrogen Oxide.....	10	45
Carbon Dioxide.....	3,020	47
Sulfur Dioxide (lbs/MWh)	3.2	29
Nitrogen Oxide (lbs/MWh)	3.5	8
Carbon Dioxide (lbs/MWh).....	1,085	39
Total Retail Sales (megawatthours).....	10,603,301	47
Full Service Provider Sales (megawatthours)	10,603,301	43
Direct Use (megawatthours)	-	50
Average Retail Price (cents/kWh).....	6.89	39

MWh = Megawatthours.

kWh = Kilowatthours.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
South Dakota			
1. Oahe.....	Hydroelectric	USCE-Missouri River District	684
2. Big Stone	Coal	Otter Tail Power Co	471
3. Big Bend.....	Hydroelectric	USCE-Missouri River District	467
4. Angus Anson	Gas	Northern States Power Co	384
5. Fort Randall	Hydroelectric	USCE-Missouri River District	312
6. Spirit Mound.....	Petroleum	Basin Electric Power Coop	100
7. Ben French.....	Coal	Black Hills Power Inc	100
8. Groton Generating Station.....	Gas	Basin Electric Power Coop	92
9. Huron	Gas	NorthWestern Energy	55
10. Watertown Power Plant.....	Petroleum	Missouri Basin Muni Power Agny	48

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
South Dakota						
1. Northern States Power Co	Investor-Owned	1,942,445	643,336	931,046	368,063	-
2. Black Hills Power Inc.....	Investor-Owned	1,485,977	497,171	699,876	288,930	-
3. NorthWestern Energy.....	Investor-Owned	1,351,987	504,817	636,556	210,614	-
4. Sioux Valley Energy.....	Cooperative	494,351	244,438	36,034	213,879	-
5. Otter Tail Power Co.....	Investor-Owned	395,644	113,336	255,060	27,248	-
Total Sales, Top Five Providers		5,670,404	2,003,098	2,558,572	1,108,734	-
Percent of Total State Sales		53	47	61	51	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
South Dakota										
Electric Utilities.....	2,927	2,814	2,854	2,650	2,618	2,759	2,889	2,826	100.0	98.5
Coal.....	467	477	477	476	477	482	492	492	16.0	17.1
Petroleum.....	276	296	238	237	228	221	229	223	9.4	7.8
Natural Gas.....	363	360	459	385	385	553	649	645	12.4	22.5
Hydroelectric.....	1,820	1,678	1,678	1,549	1,526	1,500	1,516	1,463	62.2	51.0
Other Renewables ¹	-	3	3	3	3	3	3	3	-	0.1
Independent Power Producers and Combined Heat and Power	-	-	-	41	41	44	44	44	-	1.5
Petroleum.....	-	-	-	-	-	3	3	3	-	0.1
Other Renewables ¹	-	-	-	41	41	41	41	41	-	1.4
Total Electric Industry.....	2,927	2,814	2,854	2,690	2,659	2,802	2,933	2,870	100.0	100.0
Coal.....	467	477	477	476	477	482	492	492	16.0	17.1
Petroleum.....	276	296	238	237	228	224	232	226	9.4	7.9
Natural Gas.....	363	360	459	385	385	553	649	645	12.4	22.5
Hydroelectric.....	1,820	1,678	1,678	1,549	1,526	1,500	1,516	1,463	62.2	51.0
Other Renewables ¹	-	3	3	43	43	43	43	43	-	1.5

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
South Dakota										
Electric Utilities.....	12,449,501	7,400,743	7,721,958	7,904,755	7,357,617	6,368,442	6,989,062	5,991,253	100.0	97.6
Coal.....	3,314,068	3,611,680	3,271,523	3,431,203	3,620,001	2,996,347	3,315,911	2,655,334	26.6	43.3
Petroleum.....	6,536	51,524	4,961	16,058	22,771	20,785	4,660	62,347	0.1	1.0
Natural Gas.....	116,637	304,803	85,778	176,024	112,255	270,946	265,817	351,042	0.9	5.7
Hydroelectric.....	9,012,260	3,431,865	4,353,653	4,276,303	3,597,509	3,074,566	3,396,833	2,917,283	72.4	47.5
Other Renewables ¹	-	871	6,043	5,167	5,081	5,777	5,784	5,221	-	0.1
Other ²	-	-	-	-	-	21	57	26	-	*
Independent Power Producers and Combined Heat and Power.....	-	-	-	39,082	152,597	152,327	143,181	145,352	-	2.4
Petroleum.....	-	-	-	-	-	-	-	555	-	*
Other Renewables ¹	-	-	-	39,082	152,597	152,327	143,181	144,797	-	2.4
Total Electric Industry.....	12,449,501	7,400,743	7,721,958	7,943,837	7,510,214	6,520,769	7,132,243	6,136,605	100.0	100.0
Coal.....	3,314,068	3,611,680	3,271,523	3,431,203	3,620,001	2,996,347	3,315,911	2,655,334	26.6	43.3
Petroleum.....	6,536	51,524	4,961	16,058	22,771	20,785	4,660	62,902	0.1	1.0
Natural Gas.....	116,637	304,803	85,778	176,024	112,255	270,946	265,817	351,042	0.9	5.7
Hydroelectric.....	9,012,260	3,431,865	4,353,653	4,276,303	3,597,509	3,074,566	3,396,833	2,917,283	72.4	47.5
Other Renewables ¹	-	871	6,043	44,249	157,678	158,104	148,965	150,018	-	2.4
Other ²	-	-	-	-	-	21	57	26	-	*

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	92	103	130	134	139	142	151	156
Average heat value (Btu per pound).....	8,687	8,540	8,550	8,560	8,523	8,711	8,534	8,530
Average sulfur Content (percent)	0.63	0.33	0.37	0.33	0.34	0.31	0.32	0.30
Petroleum (cents per million Btu).....	-	-	-	804	822	1,245	1,546	-
Average heat value (Btu per gallon).....	-	-	-	138,210	138,536	139,083	138,988	-
Average sulfur Content (percent)	-	-	-	0.22	0.18	0.22	0.25	-

Btu = British thermal unit.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
South Dakota								
Sulfur Dioxide								
Coal.....	24 ^R	13	23	11	13	10	11	8
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas	^R	*	-	*	-	-	* ^R	-
Other Renewables ¹	-	-	-	* ^R	-	-	-	-
Other ²	*	-	1 ^R	*	1 ^R	1 ^R	1 ^R	1
Total.....	24 ^R	13 ^R	24 ^R	12 ^R	14 ^R	10 ^R	12 ^R	9
Nitrogen Oxide								
Coal.....	21 ^R	15	24	15	16	13	13	9
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas	*	*	*	*	*	*	*	*
Other Renewables ¹	-	-	*	*	* ^R	* ^R	* ^R	*
Other ²	*	-	*	*	*	*	*	*
Total.....	21 ^R	16 ^R	25 ^R	15 ^R	16 ^R	13 ^R	14 ^R	10
Carbon Dioxide								
Coal.....	3,399	3,608	3,321	3,518	3,770	3,088	3,340	2,735
Petroleum.....	10	45	8	18	24	22	8	59
Natural Gas	94	244	66	115	87	190	178	226
Other ²	-	-	-	-	-	*	*	*
Total.....	3,503 ^R	3,898 ^R	3,394 ^R	3,651 ^R	3,881 ^R	3,300 ^R	3,526 ^R	3,020

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
South Dakota										
Retail Sales (thousand megawatthours)										
Residential	3,376	3,580	3,733	3,740	3,696	3,973	4,051	4,261	43.4	40.2
Commercial	2,207	2,915	3,062	3,713	3,627	3,998	4,054	4,181	28.4	39.4
Industrial	1,841	1,666	1,604	1,627	1,891	1,840	1,952	2,161	23.7	20.4
Other ¹	349	465	538	NA	NA	NA	NA	NA	4.5	--
All Sectors	7,773	8,627	8,937	9,080	9,214	9,811	10,056	10,603	100.0	100.0
Retail Revenue (million dollars)										
Residential	239	266	276	280	283	309	317	344	49.5	47.1
Commercial	146	191	191	224	224	248	262	276	30.3	37.8
Industrial	81	74	73	73	87	91	94	110	16.8	15.1
Other ¹	16	17	20	NA	NA	NA	NA	NA	3.4	--
All Sectors	483	548	560	577	594	648	674	730	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.08	7.42	7.40	7.47	7.65	7.77	7.83	8.07	--	--
Commercial	6.63	6.55	6.24	6.04	6.18	6.20	6.47	6.61	--	--
Industrial	4.42	4.46	4.54	4.51	4.59	4.95	4.84	5.09	--	--
Other ¹	4.72	3.71	3.63	NA	NA	NA	NA	NA	--	--
All Sectors	6.22	6.35	6.26	6.35	6.44	6.60	6.70	6.89	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
South Dakota								
Number of Entities	6	35	1	30	NA	NA	NA	72
Number of Retail Customers	224,901	58,008	45	143,165	NA	NA	NA	426,119
Retail Sales (thousand megawatthours)	5,517	1,459	319	3,308	NA	NA	NA	10,603
Percentage of Retail Sales	52.03	13.76	3.01	31.20	--	--	--	100.00
Revenue from Retail Sales (million dollars)	408	85	6	231	NA	NA	NA	730
Percentage of Revenue	55.88	11.69	0.86	31.57	--	--	--	100.00
Average Retail Price (cents/kWh)	7.40	5.85	1.98	6.97	NA	NA	NA	6.89

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
South Dakota								
Supply								
Generation								
Electric Utilities.....	12,450	7,401	7,722	7,905	7,358	6,368	6,989	5,991
Independent Power Producers	-	-	-	39	153	152	143	145
Electric Power Sector Generation Subtotal	12,450	7,401	7,722	7,944	7,510	6,521	7,132	6,137
Industrial and Commercial Generation Subtotal.....	-							
Total Net Generation.....	12,450	7,401	7,722	7,944	7,510	6,521	7,132	6,137
Total International Imports.....	78	*	*	-	-	-	-	-
Total Supply	12,528	7,401	7,722	7,944	7,510	6,521	7,132	6,137
Disposition								
Retail Sales								
Full Service Providers	7,773	8,627	8,937	9,080	9,214	9,811	10,056	10,603
Total Electric Industry Retail Sales.....	7,773	8,627	8,937	9,080	9,214	9,811	10,056	10,603
Total International Exports.....	*	-	-	-	1	*	-	*
Estimated Losses.....	554	553	858	947	1,094	908	872	923
Total Disposition	8,327	9,180	9,795	10,027	10,308	10,719	10,928	11,527
Net Interstate Trade.....	4,201	-1,779	-2,073	-2,083	-2,798	-4,198	-3,796	-5,390
Net Trade Index (ratio).....	1.50	0.81	0.79	0.79	0.73	0.61	0.65	0.53

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Tennessee		
NERC Region(s).....		RFC/SERC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	20,861	18
Electric Utilities.....	19,977	12
Independent Power Producers & Combined Heat and Power.....	885	39
Net Generation (megawatthours).....	95,113,409	17
Electric Utilities.....	92,474,664	10
Independent Power Producers & Combined Heat and Power.....	2,638,745	41
Emissions (thousand metric tons)		
Sulfur Dioxide	247	15
Nitrogen Oxide.....	98	13
Carbon Dioxide.....	60,837	15
Sulfur Dioxide (lbs/MWh)	5.7	16
Nitrogen Oxide (lbs/MWh)	2.3	24
Carbon Dioxide (lbs/MWh).....	1,410	22
Total Retail Sales (megawatthours).....	106,716,934	13
Full Service Provider Sales (megawatthours)	106,716,934	10
Direct Use (megawatthours).....	3,028,217	12
Average Retail Price (cents/kWh).....	7.07	36

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Tennessee			
1. Cumberland	Coal	Tennessee Valley Authority	2,478
2. Johnsonville	Coal	Tennessee Valley Authority	2,335
3. Sequoyah	Nuclear	Tennessee Valley Authority	2,274
4. Raccoon Mountain.....	Pumped Storage	Tennessee Valley Authority	1,653
5. Gallatin	Coal	Tennessee Valley Authority	1,561
6. Kingston.....	Coal	Tennessee Valley Authority	1,411
7. Allen Steam Plant	Coal	Tennessee Valley Authority	1,197
8. Watts Bar Nuclear Plant	Nuclear	Tennessee Valley Authority	1,123
9. Lagoon Creek	Gas	Tennessee Valley Authority	941
10. Bull Run.....	Coal	Tennessee Valley Authority	885

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Tennessee						
1. Memphis City of.....	Public	15,256,102	5,873,050	5,111,813	4,269,706	1,533
2. Nashville Electric Service	Public	12,831,473	4,979,377	4,635,623	3,216,473	-
3. Tennessee Valley Authority	Federal	9,076,115	-	-	9,076,115	-
4. Knoxville Utilities Board.....	Public	5,975,985	2,565,074	1,944,744	1,466,167	-
5. Chattanooga City of.....	Public	5,800,474	2,166,820	1,949,672	1,683,982	-
Total Sales, Top Five Providers		48,940,149	15,584,321	13,641,852	19,712,443	1,533
Percent of Total State Sales		46	36	45	58	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Tennessee										
Electric Utilities.....	17,361	18,600	19,137	19,235	19,239	19,120	19,768	19,977	96.6	95.8
Coal.....	8,604	8,618	8,602	8,609	8,623	8,618	8,585	8,599	47.9	41.2
Petroleum.....	1,135	836	56	56	56	58	58	58	6.3	0.3
Natural Gas.....	514	1,960	3,116	3,128	3,137	3,032	3,659	3,632	2.9	17.4
Nuclear.....	3,357	3,367	3,389	3,398	3,398	3,398	3,398	3,397	18.7	16.3
Hydroelectric.....	2,219	2,239	2,348	2,389	2,429	2,415	2,429	2,635	12.4	12.6
Other Renewables ¹	-	2	2	2	-	2	4	4	-	*
Pumped Storage.....	1,532	1,578	1,624	1,652	1,597	1,597	1,635	1,653	8.5	7.9
Independent Power Producers and Combined Heat and Power	604	1,559	1,587	1,659	1,702	1,629	1,137	885	3.4	4.2
Coal.....	309	295	276	276	276	256	256	217	1.7	1.0
Natural Gas.....	32	1,026	1,034	1,106	1,106	1,034	494	469	0.2	2.2
Other Gases ²	5	-	-	-	-	-	-	-	*	-
Hydroelectric.....	170	165	165	165	179	193	209	-	0.9	-
Other Renewables ¹	50	74	112	112	141	146	179	199	0.3	1.0
Other ³	38	-	-	-	-	-	-	-	0.2	-
Total Electric Industry.....	17,965	20,160	20,723	20,893	20,941	20,749	20,905	20,861	100.0	100.0
Coal.....	8,913	8,913	8,878	8,885	8,899	8,874	8,841	8,816	49.6	42.3
Petroleum.....	1,135	836	56	56	56	58	58	58	6.3	0.3
Natural Gas.....	546	2,986	4,150	4,234	4,243	4,066	4,153	4,101	3.0	19.7
Other Gases ²	5	-	-	-	-	-	-	-	*	-
Nuclear.....	3,357	3,367	3,389	3,398	3,398	3,398	3,398	3,397	18.7	16.3
Hydroelectric.....	2,389	2,404	2,513	2,554	2,608	2,608	2,638	2,635	13.3	12.6
Other Renewables ¹	50	76	114	114	141	148	182	203	0.3	1.0
Pumped Storage.....	1,532	1,578	1,624	1,652	1,597	1,597	1,635	1,653	8.5	7.9
Other ³	38	-	-	-	-	-	-	-	0.2	-

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Tennessee										
Electric Utilities.....	93,293,232	92,937,315	92,570,929	88,678,127	94,371,964	93,942,273	90,960,035	92,474,664	96.4	97.2
Coal.....	58,899,058	58,166,973	58,080,553	53,376,149	56,583,558	57,560,600	59,146,323	58,849,255	60.8	61.9
Petroleum.....	192,880	379,703	250,325	379,007	166,943	201,121	137,187	155,646	0.2	0.2
Natural Gas.....	152,081	5,316	40,414	408,059	173,999	434,043	494,104	531,954	0.2	0.6
Nuclear.....	24,647,994	28,576,431	27,573,925	24,152,580	28,612,271	27,803,108	24,678,777	28,700,371	25.5	30.2
Hydroelectric.....	10,073,313	6,542,616	7,317,487	11,087,048	9,649,206	8,537,997	7,167,342	4,939,601	10.4	5.2
Other Renewables ¹	-	-	4,068	3,933	3,813	3,339	3,842	2,201	-	*
Pumped Storage.....	-672,094	-733,724	-695,843	-728,649	-817,826	-597,935	-667,540	-704,364	-0.7	-0.7
Independent Power Producers and Combined Heat and Power.....	3,520,841	3,284,661	3,543,333	3,543,663	3,222,578	3,174,892	2,951,067	2,638,745	3.6	2.8
Coal.....	1,618,639	1,563,059	1,625,128	1,545,148	1,476,074 ^R	1,490,876 ^R	1,351,523 ^R	1,388,075	1.7	1.5
Petroleum.....	4,730	20,361	19,288	26,803	23,871 ^R	29,406	23,037 ^R	76,452	*	0.1
Natural Gas.....	204,506	450,187	429,159	218,927	118,487 ^R	97,122 ^R	170,170 ^R	189,884	0.2	0.2
Other Gases ²	17,555	18,496	11,873	2,834	13,325 ^R	14,598 ^R	13,635 ^R	13,488	*	*
Hydroelectric.....	964,685	403,913	656,175	916,598	758,906	771,544	581,308	-	1.0	-
Other Renewables ¹	595,286	822,025	796,160	825,903	826,116 ^R	762,746 ^R	806,757 ^R	968,325	0.6	1.0
Other ³	115,440	6,620	5,550	7,451	5,799 ^R	8,600 ^R	4,637 ^R	2,520	0.1	*
Total Electric Industry.....	96,814,073	96,221,976	96,114,262	92,221,790	97,594,542	97,117,165	93,911,102	95,113,409	100.0	100.0
Coal.....	60,517,697	59,730,032	59,705,681	54,921,297	58,059,632 ^R	59,051,476 ^R	60,497,846 ^R	60,237,330	62.5	63.3
Petroleum.....	197,610	400,064	269,613	405,810	190,814 ^R	230,527	160,224 ^R	232,098	0.2	0.2
Natural Gas.....	356,587	455,503	469,573	626,986	292,486 ^R	531,165 ^R	664,274 ^R	721,838	0.4	0.8
Other Gases ²	17,555	18,496	11,873	2,834	13,325 ^R	14,598 ^R	13,635 ^R	13,488	*	*
Nuclear.....	24,647,994	28,576,431	27,573,925	24,152,580	28,612,271	27,803,108	24,678,777	28,700,371	25.5	30.2
Hydroelectric.....	11,037,998	6,946,529	7,973,662	12,003,646	10,408,112	9,309,541	7,748,650	4,939,601	11.4	5.2
Other Renewables ¹	595,286	822,025	800,228	829,836	829,929 ^R	766,085 ^R	810,599 ^R	970,526	0.6	1.0
Pumped Storage.....	-672,094	-733,724	-695,843	-728,649	-817,826	-597,935	-667,540	-704,364	-0.7	-0.7
Other ³	115,440	6,620	5,550	7,451	5,799 ^R	8,600 ^R	4,637 ^R	2,520	0.1	*

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	112	122	W	W	W	W	W	W
Average heat value (Btu per pound).....	11,855	12,155	11,615	11,465	11,457	10,993	10,819	11,255
Average sulfur Content (percent)	1.90	1.36	1.32	1.19	1.27	1.09	1.11	1.16
Petroleum (cents per million Btu).....	439	554	536	619	842	1,262	1,400	1,611
Average heat value (Btu per gallon).....	139,900	145,952	139,900	139,902	139,357	137,160	136,379	135,000
Average sulfur Content (percent).....	0.50	0.50	0.50	0.50	0.50	0.42	0.40	0.50
Natural Gas (cents per million Btu).....	-	-	323	620	W	870	W	W
Average heat value (Btu per cubic foot).....	-	-	1,024	1,025	1,035	1,032	1,030	1,032

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Tennessee								
Sulfur Dioxide								
Coal.....	557 ^R	360	339	336	310	270	263	240
Petroleum.....	*	1	1	1	1	1	*	*
Natural Gas.....	*	*	*	*	* ^R	* ^R	* ^R	*
Other Gases.....	* ^R	-	-	-	-	-	-	-
Other Renewables ¹	3 ^R	7 ^R	6 ^R	6				
Other ²	*	*	*	*	*	*	*	*
Total.....	561 ^R	368 ^R	347 ^R	345 ^R	318 ^R	278 ^R	270 ^R	247
Nitrogen Oxide								
Coal.....	264 ^R	149	147	124	103	95	98	96
Petroleum.....	1 ^R	2	1	2	*	*	*	*
Natural Gas.....	1	1	1	2	*	1	1	1
Other Gases.....	*	*	*	*	*	*	*	*
Other Renewables ¹	2 ^R	4 ^R	4 ^R	1				
Other ²	1 ^R	*	* ^R	*	*	* ^R	* ^R	*
Total.....	269 ^R	157 ^R	153 ^R	129 ^R	105 ^R	97 ^R	100 ^R	98
Carbon Dioxide								
Coal.....	60,572	60,232	58,261	54,739	57,995	59,126	60,597	59,931
Petroleum.....	172	434	268	460	242	286	209	341
Natural Gas.....	466	565	506	571 ^R	320	445	564	562
Other ²	173 ^R	94 ^R	30 ^R	8 ^R	16 ^R	25 ^R	9 ^R	3
Total.....	61,383 ^R	61,325 ^R	59,065 ^R	55,778 ^R	58,573 ^R	59,882 ^R	61,380 ^R	60,837

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Tennessee										
Retail Sales (thousand megawatthours)										
Residential	33,367	36,932	38,752	37,697	38,526	41,132	40,816	42,880	38.4	40.2
Commercial	24,745	25,974	26,523	27,481	28,249	29,146	29,033	29,985	28.5	28.1
Industrial	27,710	32,149	31,845	32,278	32,885	33,625	34,081	33,850	31.9	31.7
Other ¹	1,095	1,077	1,113	NA	NA	NA	NA	NA	1.3	--
Transportation.....	NA	NA	NA	NA	1	1	1	2	--	*
All Sectors	86,917	96,131	98,233	97,456	99,661	103,905	103,932	106,717	100.0	100.0
Retail Revenue (million dollars).....										
Residential	2,011	2,335	2,483	2,467	2,657	2,872	3,164	3,363	43.6	44.6
Commercial	1,462	1,639	1,712	1,836	1,992	2,090	2,323	2,426	31.7	32.1
Industrial	1,056	1,301	1,322	1,384	1,466	1,591	1,761	1,758	22.9	23.3
Other ¹	86	95	99	NA	NA	NA	NA	NA	1.9	--
Transportation.....	NA	NA	NA	NA	*	*	*	*	--	*
All Sectors	4,615	5,370	5,616	5,687	6,115	6,553	7,248	7,547	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	6.03	6.32	6.41	6.55	6.90	6.98	7.75	7.84	--	--
Commercial	5.91	6.31	6.45	6.68	7.05	7.17	8.00	8.09	--	--
Industrial	3.81	4.05	4.15	4.29	4.46	4.73	5.17	5.19	--	--
Other ¹	7.88	8.83	8.92	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	NA	11.75	11.46	11.18	10.31	--	--
All Sectors	5.31	5.59	5.72	5.84	6.14	6.31	6.97	7.07	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Tennessee								
Number of Entities.....	3	62	1	25	4	NA	NA	95
Number of Retail Customers	47,648	2,144,584	36	924,762	4	NA	NA	3,117,034
Retail Sales (thousand megawatthours).....	2,186	72,462	9,076	22,276	716	NA	NA	106,717
Percentage of Retail Sales	2.05	67.90	8.50	20.87	0.67	--	--	100.00
Revenue from Retail Sales (million dollars)	99	5,315	361	1,750	22	NA	NA	7,547
Percentage of Revenue	1.31	70.43	4.78	23.19	0.29	--	--	100.00
Average Retail Price (cents/kWh).....	4.51	7.34	3.97	7.86	3.09	NA	NA	7.07

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Tennessee								
Supply								
Generation								
Electric Utilities.....	93,293	92,937	92,571	88,678	94,372	93,942	90,960	92,475
Independent Power Producers	23	247	208	55	29	39	119	123
Combined Heat and Power, Electric	*	*	*	-	-	-	-	-
Electric Power Sector Generation Subtotal	93,316	93,185	92,779	88,734	94,401	93,981	91,079	92,597
Combined Heat and Power, Commercial	115	107	86	112	111	101	108	121
Combined Heat and Power, Industrial.....	3,383	2,931	3,249	3,376	3,083	3,035	2,724	2,395
Industrial and Commercial Generation Subtotal	3,498	3,037	3,336	3,488	3,194	3,136	2,832	2,516
Total Net Generation	96,814	96,222	96,114	92,222	97,595	97,117	93,911	95,113
Total International Imports	-	-	-	*	*	-	-	-
Total Supply	96,814	96,222	96,114	92,222	97,595	97,117	93,911	95,113
Disposition								
Retail Sales								
Full Service Providers	86,917	96,131	98,233	96,384	99,661	102,292	102,737	106,001
Facility Direct Retail Sales.....	-	-	-	1,072	-	1,614	1,194	716
Total Electric Industry Retail Sales	86,917	96,131	98,233	97,456	99,661	103,905	103,932	106,717
Direct Use	3,469	3,276	3,347	3,389	3,393	1,809	2,376	3,028
Estimated Losses	6,200	3,080	4,954	3,988^R	4,881	6,025^R	5,415	5,794
Total Disposition	96,586	102,486	106,534	104,833^R	107,935	111,739^R	111,723	115,539
Net Interstate Trade	228	-6,264	-10,420	-12,612^R	-10,340	-14,621	-17,812	-20,426
Net Trade Index (ratio)	1.00	0.94	0.90	0.88	0.90	0.87	0.84	0.82

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Texas		
NERC Region(s).....		SERC/SPP/TRE/WECC
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	101,938	1
Electric Utilities.....	24,569	5
Independent Power Producers & Combined Heat and Power.....	77,369	1
Net Generation (megawatthours).....	405,492,296	1
Electric Utilities.....	97,259,636	8
Independent Power Producers & Combined Heat and Power.....	308,232,660	1
Emissions (thousand metric tons)		
Sulfur Dioxide	468	5
Nitrogen Oxide.....	247	1
Carbon Dioxide.....	255,092	1
Sulfur Dioxide (lbs/MWh)	2.5	33
Nitrogen Oxide (lbs/MWh)	1.3	37
Carbon Dioxide (lbs/MWh).....	1,387	25
Total Retail Sales (megawatthours).....	343,828,582	1
Full Service Provider Sales (megawatthours)	343,828,582	1
Direct Use (megawatthours)	34,602,270	1
Average Retail Price (cents/kWh).....	10.11	16

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Texas			
1. W A Parish.....	Coal	NRG Texas LLC	3,651
2. South Texas Project.....	Nuclear	STP Nuclear Operating Co	2,560
3. Comanche Peak	Nuclear	TXU Generation Co LP	2,300
4. Martin Lake	Coal	TXU Generation Co LP	2,250
5. P H Robinson.....	Petroleum	NRG Texas LLC	2,211
6. Monticello.....	Coal	TXU Generation Co LP	1,880
7. Sabine	Gas	Entergy Texas Inc.	1,814
8. Limestone	Coal	NRG Texas LLC	1,689
9. Fayette Power Project.....	Coal	Lower Colorado River Authority	1,641
10. Forney Energy Center.....	Gas	FPLE Forney LP	1,640

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Texas						
1. Reliant Energy Retail Services LLC	Other Provider	56,660,552	21,895,312	4,487,937	30,277,303	-
2. TXU Energy Retail Co LP	Other Provider	48,391,448	26,589,947	7,302,347	14,499,154	-
3. San Antonio City of	Public	18,891,665	8,246,172	9,329,236	1,316,257	-
4. Constellation NewEnergy, Inc.....	Other Provider	17,259,234	-	8,314,322	8,944,912	-
5. Entergy Gulf States Inc.....	Investor-Owned	15,522,096	5,280,546	4,330,528	5,911,022	-
Total Sales, Top Five Providers		156,724,995	62,011,977	33,764,370	60,948,648	-
Percent of Total State Sales		46	50	31	56	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Texas										
Electric Utilities.....	64,857	38,940	38,903	22,629	22,897	24,033	24,991	24,569	88.3	24.1
Coal.....	19,587	12,471	12,398	8,189	8,320	8,984	8,889	8,904	26.7	8.7
Petroleum.....	37	5	5	5	13	13	13	13	0.1	*
Natural Gas.....	39,733	23,230	23,274	13,729	13,889	14,329	15,271	14,841	54.1	14.6
Other Gases ¹	-	-	-	-	-	-	104	104	-	0.1
Nuclear.....	4,800	2,529	2,529	-	-	-	-	-	6.5	-
Hydroelectric.....	686	690	690	692	661	666	674	666	0.9	0.7
Other Renewables ²	1	3	7	1	1	1	1	1	*	*
Other ³	13	13	-	13	13	39	39	39	*	*
Independent Power Producers and Combined Heat and Power	8,597	49,015	55,585	76,964	78,207	77,013	75,763	77,369	11.7	75.9
Coal.....	340	7,442	7,798	11,864	11,881	11,204	10,954	10,913	0.5	10.7
Petroleum.....	241	1,695	779	785	217	209	207	203	0.3	0.2
Natural Gas.....	7,548	36,298	43,179	57,730	59,327	58,397	56,467	56,311	10.3	55.2
Other Gases ¹	156	155	295	289	359	237	183	204	0.2	0.2
Nuclear.....	-	2,208	2,208	4,768	4,860	4,860	4,860	4,860	-	4.8
Hydroelectric.....	2	7	7	7	7	7	7	7	*	*
Other Renewables ²	242	1,032	1,200	1,432	1,431	1,940	2,924	4,710	0.3	4.6
Other ³	70	178	118	89	123	160	161	160	0.1	0.2
Total Electric Industry.....	73,454	87,956	94,488	99,594	101,104	101,046	100,754	101,938	100.0	100.0
Coal.....	19,927	19,913	20,196	20,053	20,201	20,188	19,843	19,817	27.1	19.4
Petroleum.....	278	1,700	784	790	231	222	220	216	0.4	0.2
Natural Gas.....	47,281	59,528	66,453	71,459	73,216	72,726	71,737	71,152	64.4	69.8
Other Gases ¹	156	155	295	289	359	237	287	308	0.2	0.3
Nuclear.....	4,800	4,737	4,737	4,768	4,860	4,860	4,860	4,860	6.5	4.8
Hydroelectric.....	687	697	697	699	668	673	681	673	0.9	0.7
Other Renewables ²	243	1,035	1,208	1,434	1,433	1,941	2,925	4,712	0.3	4.6
Other ³	83	191	118	102	136	199	200	199	0.1	0.2

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Texas										
Electric Utilities.....	277,190,347	265,012,955	149,587,269	86,882,044	92,054,150	95,187,030	94,637,956	97,259,636	82.4	24.0
Coal.....	135,696,240	132,296,611	90,259,574	60,288,940	63,893,450	61,275,542	59,478,349	61,656,860	40.3	15.2
Petroleum.....	187,844	1,741,052	25,987	257,818	67,624	68,365	72,613	62,424	0.1	*
Natural Gas.....	102,163,775	91,617,908	39,173,483	25,473,500	26,726,978	32,324,018	34,131,142	33,699,541	30.4	8.3
Nuclear.....	37,357,647	38,162,863	19,049,602	-	-	-	-	-	11.1	-
Hydroelectric.....	1,784,629	1,194,526	1,076,338	858,933	1,266,098	1,288,469	611,491	1,593,542	0.5	0.4
Other Renewables ¹	212	-5	2,285	2,852	2,454	1,056	393	736	*	*
Other ²	-	-	-	-	97,546	229,580	343,968	246,533	-	0.1
Independent Power Producers and Combined Heat and Power.....	59,129,163	107,567,047	236,041,272	292,317,641	298,244,982	301,481,692	305,944,922	308,232,660	17.6	76.0
Coal.....	2,794,862	2,803,310	51,587,666	86,700,570	84,991,205	87,082,481	86,912,992	85,622,029	0.8	21.1
Petroleum.....	1,335,992	1,062,351	1,594,977	2,257,437	1,661,282 ^R	1,514,330 ^R	1,716,570 ^R	1,246,479	0.4	0.3
Natural Gas.....	49,340,993	98,493,073	157,259,926	159,437,850	162,027,685 ^R	165,341,240 ^R	163,739,091 ^R	165,831,740	14.7	40.9
Other Gases ³	3,705,248	1,574,325	3,052,992	5,999,489	4,203,684 ^R	3,271,768 ^R	3,798,403 ^R	3,601,211	1.1	0.9
Nuclear.....	-	-	16,568,402	33,437,484	40,435,372	38,232,493	41,264,278	40,955,030	-	10.1
Hydroelectric.....	6,121	5,806	47,154	37,606	34,511	44,091	50,480	50,895	*	*
Other Renewables ¹	1,541,710	2,180,950	3,972,969	3,962,885	4,244,234 ^R	5,334,556 ^R	7,817,867 ^R	10,286,876	0.5	2.5
Other ²	404,237	1,447,232	1,957,186	484,320	647,010 ^R	660,733 ^R	645,240 ^R	638,399	0.1	0.2
Total Electric Industry.....	336,319,510	372,580,002	385,628,541	379,199,685	390,299,132	396,668,722	400,582,878	405,492,296	100.0	100.0
Coal.....	138,491,102	135,099,921	141,847,240	146,989,510	148,884,655	148,358,023	146,391,341	147,278,889	41.2	36.3
Petroleum.....	1,523,836	2,803,403	1,620,964	2,515,255	1,728,906 ^R	1,582,695 ^R	1,789,183 ^R	1,308,904	0.5	0.3
Natural Gas.....	151,504,768	190,110,981	196,433,409	184,911,350	188,754,663 ^R	197,665,258 ^R	197,870,233 ^R	199,531,281	45.0	49.2
Other Gases ³	3,705,248	1,574,325	3,052,992	5,999,489	4,203,684 ^R	3,271,768 ^R	3,798,403 ^R	3,601,211	1.1	0.9
Nuclear.....	37,357,647	38,162,863	35,618,004	33,437,484	40,435,372	38,232,493	41,264,278	40,955,030	11.1	10.1
Hydroelectric.....	1,790,750	1,200,332	1,123,492	896,539	1,300,609	1,332,560	661,971	1,644,437	0.5	0.4
Other Renewables ¹	1,541,922	2,180,945	3,975,254	3,965,737	4,246,688 ^R	5,335,612 ^R	7,818,260 ^R	10,287,612	0.5	2.5
Other ²	404,237	1,447,232	1,957,186	484,320	744,556 ^R	890,313 ^R	989,208 ^R	884,932	0.1	0.2

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

³ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Texas								
Coal (cents per million Btu)	126	133	126	125	131	129	W	W
Average heat value (Btu per pound).....	7,423	7,635	7,677	7,605	7,641	7,611	7,665	7,681
Average sulfur Content (percent)	0.75	0.67	0.68	0.78	0.77	0.74	0.67	0.60
Petroleum (cents per million Btu).....	342	556	200	423	171	248	W	W
Average heat value (Btu per gallon).....	114,810	141,905	140,340	139,979	137,700	137,955	137,876	136,814
Average sulfur Content (percent)	1.24	0.45	3.91	1.40	3.32	3.64	3.64	3.68
Natural Gas (cents per million Btu).....	263	421	332	528	577	783	645	664
Average heat value (Btu per cubic foot).....	1,023	1,020	1,023	1,029	1,026	1,029	1,025	1,023

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Texas								
Sulfur Dioxide								
Coal.....	652 ^R	528	555	573	531	537	523	449
Petroleum.....	108 ^R	81	83	22	21	6	29	13
Natural Gas	*	1	* ^R	1	1	1	1	1
Other Gases.....	*	*	*	*	*	*	*	*
Other Renewables ¹	17 ^R	6 ^R	5 ^R	18 ^R	21 ^R	5 ^R	6 ^R	6
Other ²	1 ^R	*	*	* ^R	* ^R	* ^R	*	*
Total.....	777 ^R	615 ^R	644 ^R	614 ^R	574 ^R	549 ^R	558 ^R	468
Nitrogen Oxide								
Coal.....	236 ^R	184	163	146	132	126	120	113
Petroleum.....	37 ^R	12	12	5	7	5	8	3
Natural Gas	206 ^R	191	131	131	117	104	109	105
Other Gases.....	6 ^R	11 ^R	18 ^R	18 ^R	9 ^R	7 ^R	14 ^R	14
Other Renewables ¹	6 ^R	3 ^R	6 ^R	8 ^R	9 ^R	5 ^R	6 ^R	8
Other ²	2 ^R	2 ^R	3 ^R	*	*	*	3 ^R	4
Total.....	493 ^R	403 ^R	333 ^R	308 ^R	273 ^R	247 ^R	260 ^R	247
Carbon Dioxide								
Coal.....	142,233	139,376	144,222	149,738	152,246	152,353	150,589	150,495
Petroleum.....	3,970	3,367	2,324	2,889	2,704	2,175	2,869	1,797
Natural Gas	90,962	110,449	109,297	102,445	101,775	104,133	104,094	102,800
Other ²	16 ^R	35 ^R	47 ^R	-	-	-	-	-
Total.....	237,181 ^R	253,227 ^R	255,890 ^R	255,073 ^R	256,725 ^R	258,661 ^R	257,552 ^R	255,092

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Texas										
Retail Sales (thousand megawatthours)										
Residential	101,094	117,343	121,435	121,355	120,330	126,562	126,843	124,921	35.3	36.3
Commercial	72,042	87,912	87,746	96,694	99,616	110,784	111,130	110,540	25.1	32.1
Industrial	100,429	98,208	102,251	104,547	100,588	96,841	104,689	108,300	35.0	31.5
Other ¹	13,138	14,581	9,414	NA	NA	NA	NA	NA	4.6	--
Transportation.....	NA	NA	NA	90	81	71	62	67	--	*
All Sectors	286,704	318,044	320,846	322,686	320,615	334,258	342,724	343,829	100.0	100.0
Retail Revenue (million dollars).....										
Residential	7,905	10,399	9,778	11,111	11,707	13,832	16,307	15,419	44.7	44.3
Commercial	4,852	6,807	6,095	7,581	7,867	9,810	10,951	10,910	27.5	31.4
Industrial	4,071	5,174	4,761	5,512	5,902	6,916	8,185	8,439	23.0	24.3
Other ¹	848	1,103	616	NA	NA	NA	NA	NA	4.8	--
Transportation.....	NA	NA	NA	6	6	6	5	6	--	*
All Sectors	17,676	23,484	21,251	24,211	25,482	30,564	35,448	34,773	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.82	8.86	8.05	9.16	9.73	10.93	12.86	12.34	--	--
Commercial	6.74	7.74	6.95	7.84	7.90	8.85	9.85	9.87	--	--
Industrial	4.05	5.27	4.66	5.27	5.87	7.14	7.82	7.79	--	--
Other ¹	6.45	7.56	6.55	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	6.62	7.02	8.45	8.42	8.40	--	--
All Sectors	6.17	7.38	6.62	7.50	7.95	9.14	10.34	10.11	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Texas								
Number of Entities.....	60	72	NA	69	13	NA	NA	214
Number of Retail Customers	7,295,640	1,621,709	NA	1,831,472	13	NA	NA	10,748,834
Retail Sales (thousand megawatthours).....	253,294	44,884	NA	37,261	8,389	NA	NA	343,829
Percentage of Retail Sales	73.67	13.05	--	10.84	2.44	--	--	100.00
Revenue from Retail Sales (million dollars)	26,830	3,601	NA	3,768	574	NA	NA	34,773
Percentage of Revenue	77.16	10.36	--	10.84	1.65	--	--	100.00
Average Retail Price (cents/kWh).....	10.59	8.02	NA	10.11	6.84	NA	NA	10.11

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Texas								
Supply								
Generation								
Electric Utilities.....	277,190	265,013	149,587	86,882	92,054	95,187	94,638	97,260
Independent Power Producers	151	30,779	138,777	197,114	205,978	216,933	224,749	224,719
Combined Heat and Power, Electric	19,891	35,618	56,862	55,432	49,841	44,759	41,286	46,010
Electric Power Sector Generation Subtotal	297,232	331,410	345,226	339,428	347,872	356,879	360,674	367,989
Combined Heat and Power, Commercial	415	483	471	495	476	508	521	476
Combined Heat and Power, Industrial.....	38,672	40,688	39,932	39,277	41,951	39,282	39,388	37,028
Industrial and Commercial Generation Subtotal.....	39,088	41,170	40,402	39,772	42,427	39,790	39,909	37,503
Total Net Generation.....	336,320	372,580	385,629	379,200	390,299	396,669	400,583	405,492
Total International Imports.....	526	4	80	80	79	78	80	160
Total Supply	336,846	372,584	385,709	379,279	390,378	396,747	400,662	405,653
Disposition								
Retail Sales								
Full Service Providers	286,704	317,048	320,846	312,902	318,116	330,118	338,259	335,439
Energy-Only Providers.....	-	997	-	-	-	-	-	-
Facility Direct Retail Sales.....	-	-	-	9,784	2,499	4,141	4,465	8,389
Total Electric Industry Retail Sales.....	286,704	318,044	320,846	322,686	320,615	334,258	342,724	343,829
Direct Use	38,167	40,307	41,183	41,706	41,749	45,497	33,122	34,602
Total International Exports.....	1,104	3	299	297	295	298	292	402
Estimated Losses.....	20,451	15,785	17,661	15,311^R	20,128^R	14,492^R	17,368	18,231
Total Disposition	346,425	374,139	379,989	380,000^R	382,787^R	394,545	393,506	397,064
Net Interstate Trade	-9,579	-1,555	5,720	-721^R	7,591^R	2,202	7,157	8,589
Net Trade Index (ratio)	0.97	1.00	1.02	1.00	1.02	1.01	1.02	1.02

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Utah		
NERC Region(s).....		WECC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	7,122	37
Electric Utilities.....	6,710	31
Independent Power Producers & Combined Heat and Power.....	412	47
Net Generation (megawatthours).....	45,372,575	35
Electric Utilities.....	43,319,965	24
Independent Power Producers & Combined Heat and Power.....	2,052,610	43
Emissions (thousand metric tons)		
Sulfur Dioxide	25	36
Nitrogen Oxide.....	70	21
Carbon Dioxide.....	38,486	27
Sulfur Dioxide (lbs/MWh)	1.2	43
Nitrogen Oxide (lbs/MWh)	3.4	10
Carbon Dioxide (lbs/MWh).....	1,870	9
Total Retail Sales (megawatthours).....	27,785,447	37
Full Service Provider Sales (megawatthours)	27,785,447	36
Direct Use (megawatthours).....	1,001,187	31
Average Retail Price (cents/kWh).....	6.41	45

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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. Carrant Creek	Gas	PacifiCorp	527
5. Lake Side Power Plant.....	Gas	PacifiCorp	489
6. Bonanza	Coal	Deseret Generation & Tran Coop	458
7. Gadsby	Gas	PacifiCorp	352
8. KUCC	Coal	Kennecott Utah Copper Corporation	207
9. West Valley Generation Project	Gas	CER Generation LLC	202
10. Carbon	Coal	PacifiCorp	172

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. PacifiCorp.....	Investor-Owned	22,352,159	6,560,977	7,938,502	7,818,723	33,957
2. Provo City Corp.....	Public	793,540	249,108	406,250	138,182	-
3. City of St George.....	Public	620,654	279,084	111,702	229,868	-
4. City of Logan.....	Public	429,124	91,640	242,341	95,143	-
5. City of Murray.....	Public	371,964	120,436	234,986	16,542	-
Total Sales, Top Five Providers		24,567,441	7,301,245	8,933,781	8,298,458	33,957
Percent of Total State Sales		88	83	87	95	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Electric Utilities.....	4,945	5,129	5,573	5,574	5,754	6,053	6,212	6,710	97.4	94.2
Coal.....	4,318	4,464	4,461	4,461	4,645	4,645	4,645	4,645	85.1	65.2
Petroleum.....	33	50	45	46	38	35	35	25	0.7	0.3
Natural Gas.....	296	332	782	782	796	1,098	1,257	1,755	5.8	24.6
Hydroelectric.....	263	251	252	252	252	253	253	253	5.2	3.5
Other Renewables ¹	35	33	33	33	23	23	23	33	0.7	0.5
Pumped Storage.....	*	-	-	-	-	-	-	-	*	-
Independent Power Producers and Combined Heat and Power	130	179	179	223	436	475	500	412	2.6	5.8
Coal.....	54	101	101	144	181	246	246	226	1.1	3.2
Petroleum.....	13	3	3	3	-	-	-	-	0.2	-
Natural Gas.....	11	72	72	72	195	225	215	179	0.2	2.5
Other Gases ²	48	-	-	-	-	-	-	-	0.9	-
Hydroelectric.....	4	2	2	2	2	2	2	2	0.1	*
Other Renewables ¹	-	1	1	1	1	1	4	5	-	0.1
Other ³	-	-	-	-	57	-	32	-	-	-
Total Electric Industry.....	5,075	5,308	5,752	5,797	6,190	6,528	6,712	7,122	100.0	100.0
Coal.....	4,372	4,565	4,562	4,606	4,826	4,891	4,891	4,871	86.2	68.4
Petroleum.....	46	53	48	49	38	35	35	25	0.9	0.3
Natural Gas.....	306	404	854	854	991	1,323	1,473	1,934	6.0	27.2
Other Gases ²	48	-	-	-	-	-	-	-	0.9	-
Hydroelectric.....	267	253	254	254	254	255	255	255	5.3	3.6
Other Renewables ¹	35	34	34	34	24	24	27	38	0.7	0.5
Pumped Storage.....	*	-	-	-	-	-	-	-	*	-
Other ³	-	-	-	-	57	-	32	-	-	-

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Utah										
Electric Utilities.....	33,969,325	35,138,801	36,071,946	37,544,892	37,165,917	36,695,193	39,590,509	43,319,965	97.9	95.5
Coal.....	32,143,936	33,204,340	34,080,979	35,579,158	35,634,374	34,824,862	35,667,551	35,910,192	92.6	79.1
Petroleum.....	28,836	57,538	53,469	31,386	32,567	40,245	29,619	38,828	0.1	0.1
Natural Gas.....	297,457	1,223,978	1,268,326	1,322,984	864,181	874,505	2,965,072	6,673,998	0.9	14.7
Hydroelectric.....	1,330,578	500,203	451,521	412,899	439,919	770,779	737,659	533,021	3.8	1.2
Other Renewables ¹	168,518	152,742	217,651	198,465	194,876	184,802	190,608	163,925	0.5	0.4
Independent Power Producers and Combined Heat and Power.....	742,887	714,949	536,057	478,774	1,046,060	1,469,938	1,672,815	2,052,610	2.1	4.5
Coal.....	400,067	474,968	406,744	399,490	983,480	1,145,543	1,187,999	1,260,602	1.2	2.8
Petroleum.....	18,111	38	50	1,480	34 ^R	664	32,507 ^R	319	0.1	*
Natural Gas.....	30,109	222,099	111,855	60,123	45,669	302,996	423,478	750,220	0.1	1.7
Other Gases ²	281,017	-	-	-	-	-	-	-	0.8	-
Hydroelectric.....	13,583	8,202	6,211	8,440	9,929	13,684	9,124	5,761	*	*
Other Renewables ¹	-	5,496	6,270	5,083	3,821 ^R	3,948	14,868 ^R	31,030	-	0.1
Other ³	-	4,146	4,927	4,158	3,126 ^R	3,102	4,838 ^R	4,679	-	*
Total Electric Industry.....	34,712,212	35,853,750	36,608,003	38,023,666	38,211,977	38,165,131	41,263,324	45,372,575	100.0	100.0
Coal.....	32,544,003	33,679,308	34,487,723	35,978,648	36,617,854	35,970,405	36,855,550	37,170,794	93.8	81.9
Petroleum.....	46,947	57,576	53,519	32,866	32,601 ^R	40,909	62,126 ^R	39,147	0.1	0.1
Natural Gas.....	327,566	1,446,077	1,380,181	1,383,107	909,850	1,177,501	3,388,550	7,424,218	0.9	16.4
Other Gases ²	281,017	-	-	-	-	-	-	-	0.8	-
Hydroelectric.....	1,344,161	508,405	457,732	421,339	449,848	784,463	746,783	538,782	3.9	1.2
Other Renewables ¹	168,518	158,238	223,921	203,548	198,697 ^R	188,750	205,476 ^R	194,955	0.5	0.4
Other ³	-	4,146	4,927	4,158	3,126 ^R	3,102	4,838 ^R	4,679	-	*

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	111	112	W	W	W	W	W	W
Average heat value (Btu per pound).....	11,330	11,375	11,223	11,025	10,718	10,786	10,981	11,156
Average sulfur Content (percent)	0.48	0.49	0.55	0.55	0.52	0.52	0.58	0.58
Petroleum (cents per million Btu).....	584	635	556	722	924	1,291	1,525	1,753
Average heat value (Btu per gallon).....	139,819	139,286	139,821	139,493	139,512	139,752	139,660	139,376
Average sulfur Content (percent).....	0.27	0.26	0.28	0.23	0.23	0.26	0.25	0.25
Natural Gas (cents per million Btu).....	203	464	W	W	W	W	W	W
Average heat value (Btu per cubic foot).....	1,032	1,030	1,056	1,062	1,049	1,047	1,052	1,051

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Utah								
Sulfur Dioxide								
Coal.....	30 ^R	32	30	32	34	31	34	25
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas	*	*	*	*	*	*	*	*
Other Gases.....	*	*	-	-	-	-	-	-
Other Renewables ¹	-	*	1 ^R	*	*	*	-	*
Other ²	-	*	1 ^R	*	*	*	-	*
Total	31 ^R	33 ^R	32 ^R	32 ^R	34 ^R	31 ^R	34 ^R	25
Nitrogen Oxide								
Coal.....	65 ^R	66	65	64	65	62	68	67
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas	1 ^R	3	2	2	1	1	1	3
Other Gases.....	*	*	-	-	-	-	-	-
Other Renewables ¹	-	*	3 ^R	*	*	*	*	*
Other ²	-	*	3 ^R	*	*	*	-	*
Total	67 ^R	70 ^R	74 ^R	66 ^R	66 ^R	64 ^R	69 ^R	70
Carbon Dioxide								
Coal.....	30,316	31,391	32,497	33,520	34,511	35,120	34,707	35,101
Petroleum.....	44	46	41	26	26	31	55	31
Natural Gas	244	1,020	832	780	525	698	1,623	3,304
Geothermal	4 ^R	4 ^R	6 ^R	5 ^R	5 ^R	5 ^R	5 ^R	4
Other ²	-	55 ^R	59 ^R	54 ^R	57 ^R	57 ^R	56 ^R	46
Total	30,609 ^R	32,516 ^R	33,434 ^R	34,385 ^R	35,124 ^R	35,911 ^R	36,445 ^R	38,486

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Utah										
Retail Sales (thousand megawatthours)										
Residential	5,661	6,693	6,938	7,166	7,325	7,567	8,232	8,752	27.8	31.5
Commercial	6,469	8,262	8,463	9,024	9,345	9,417	9,749	10,241	31.8	36.9
Industrial	7,430	7,411	7,019	7,646	7,816	7,989	8,356	8,759	36.5	31.5
Other ¹	815	851	846	NA	NA	NA	NA	NA	4.0	--
Transportation.....	NA	NA	NA	25	25	28	29	34	--	0.1
All Sectors	20,376	23,217	23,267	23,860	24,512	25,000	26,366	27,785	100.0	100.0
Retail Revenue (million dollars).....										
Residential	390	450	471	494	528	569	625	714	37.0	40.1
Commercial	370	461	474	504	551	571	599	669	35.1	37.6
Industrial	259	262	269	290	314	339	352	396	24.6	22.2
Other ¹	35	39	40	NA	NA	NA	NA	NA	3.4	--
Transportation.....	NA	NA	NA	1	2	2	2	3	--	0.1
All Sectors	1,054	1,211	1,255	1,290	1,395	1,481	1,578	1,782	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	6.89	6.72	6.79	6.90	7.21	7.52	7.59	8.15	--	--
Commercial	5.72	5.58	5.60	5.59	5.90	6.07	6.15	6.54	--	--
Industrial	3.49	3.53	3.84	3.79	4.01	4.24	4.21	4.52	--	--
Other ¹	4.34	4.53	4.69	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	6.01	6.57	7.20	7.19	7.44	--	--
All Sectors	5.17	5.21	5.39	5.41	5.69	5.92	5.99	6.41	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities.....	1	40	1	9	NA	NA	NA	51
Number of Retail Customers	767,689	220,992	9	41,740	NA	NA	NA	1,030,430
Retail Sales (thousand megawatthours).....	22,352	4,393	57	984	NA	NA	NA	27,785
Percentage of Retail Sales	80.45	15.81	0.20	3.54	--	--	--	100.00
Revenue from Retail Sales (million dollars)	1,384	332	2	64	NA	NA	NA	1,782
Percentage of Revenue	77.68	18.62	0.10	3.60	--	--	--	100.00
Average Retail Price (cents/kWh).....	6.19	7.55	3.28	6.52	NA	NA	NA	6.41

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Utah								
Supply								
Generation								
Electric Utilities.....	33,969	35,139	36,072	37,545	37,166	36,695	39,591	43,320
Independent Power Producers	402	396	485	447	406	706	829	1,096
Combined Heat and Power, Electric	-	10	11	9	7	7	11	11
Electric Power Sector Generation Subtotal	34,371	35,544	36,568	38,002	37,579	37,408	40,430	44,427
Combined Heat and Power, Commercial	24	21	24	22	21	20	28	45
Combined Heat and Power, Industrial.....	317	289	16	-	612	737	805	901
Industrial and Commercial Generation Subtotal.....	341	310	40	22	633	757	833	946
Total Net Generation.....	34,712	35,854	36,608	38,024	38,212	38,165	41,263	45,373
Total International Imports.....	28	-	9	6	15	41^R	15	22
Total Supply	34,741	35,854	36,617	38,029	38,227	38,206^R	41,279	45,394
Disposition								
Retail Sales								
Full Service Providers	20,376	23,217	23,267	23,860	24,512	25,000	26,366	27,785
Total Electric Industry Retail Sales.....	20,376	23,217	23,267	23,860	24,512	25,000	26,366	27,785
Direct Use	365	348	356	360	361	742	967	1,001
Total International Exports.....	-	-	-	-	-	1	1	38
Estimated Losses.....	1,453	1,671	1,892	1,523^R	1,860	2,134	2,323	2,432
Total Disposition	22,194	25,236	25,515	25,744	26,732	27,877	29,656	31,256
Net Interstate Trade	12,546	10,618	11,102	12,286^R	11,494	10,329^R	11,622	14,138
Net Trade Index (ratio)	1.57	1.42	1.44	1.48	1.43	1.37	1.39	1.45

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Vermont		
NERC Region(s).....		NPCC
Primary Energy Source.....		Nuclear
Net Summer Capacity (megawatts)	1,111	50
Electric Utilities.....	258	45
Independent Power Producers & Combined Heat and Power.....	853	41
Net Generation (megawatthours).....	5,823,582	50
Electric Utilities.....	701,474	43
Independent Power Producers & Combined Heat and Power.....	5,122,108	37
Emissions (thousand metric tons)		
Sulfur Dioxide	*	51
Nitrogen Oxide.....	*	50
Carbon Dioxide.....	10	51
Sulfur Dioxide (lbs/MWh)	*	51
Nitrogen Oxide (lbs/MWh)	0.2	51
Carbon Dioxide (lbs/MWh).....	4	51
Total Retail Sales (megawatthours).....	5,864,006	51
Full Service Provider Sales (megawatthours)	5,864,006	49
Direct Use (megawatthours)	101,009	45
Average Retail Price (cents/kWh).....	12.04	11

MWh = Megawatthours.

kWh = Kilowatthours.

* = 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 *).

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Vermont			
1. Vermont Yankee.....	Nuclear	Entergy Nuclear Vermont Yankee	620
2. J C McNeil.....	Other Renewables	City of Burlington-Electric	52
3. Bellows Falls	Hydroelectric	TransCanada Hydro Northeast Inc.,	48
4. Wilder	Hydroelectric	TransCanada Hydro Northeast Inc.,	41
5. Harriman	Hydroelectric	TransCanada Hydro Northeast Inc.,	41
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. Ryegate Power Station.....	Other Renewables	SUEZ Energy Generation NA Inc	20
10. Burlington GT.....	Petroleum	City of Burlington-Electric	20

MW = Megawatt.

NA = Not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Vermont						
1. Central Vermont Pub Serv Corp.....	Investor-Owned	2,320,374	1,003,055	891,963	425,356	-
2. Green Mountain Power Corp.....	Investor-Owned	1,982,794	580,895	726,420	675,479	-
3. Vermont Electric Cooperative, Inc.....	Cooperative	454,420	227,220	123,631	103,569	-
4. City of Burlington-Electric.....	Public	364,586	90,621	201,990	71,975	-
5. Omya Inc.....	Investor-Owned	228,957	6,411	4,755	217,791	-
Total Sales, Top Five Providers.....		5,351,131	1,908,202	1,948,759	1,494,170	-
Percent of Total State Sales.....		91	88	95	91	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Vermont										
Electric Utilities.....	1,094	262	261	260	251	258	259	258	93.8	23.2
Petroleum.....	119	111	107	107	101	100	101	101	10.2	9.1
Nuclear.....	496	-	-	-	-	-	-	-	42.5	-
Hydroelectric.....	423	99	102	96	93	100	101	99	36.3	8.9
Other Renewables ¹	56	52	53	57	57	57	57	57	4.8	5.1
Independent Power Producers and Combined Heat and Power.....	72	708	733	737	747	745	859	853	6.2	76.8
Petroleum.....	-	-	-	-	7	7	7	-	-	-
Nuclear.....	-	506	506	506	506	506	620	620	-	55.8
Hydroelectric.....	48	178	203	207	211	208	208	209	4.1	18.8
Other Renewables ¹	24	24	24	24	24	24	24	24	2.0	2.1
Total Electric Industry.....	1,167	970	994	997	998	1,002	1,117	1,111	100.0	100.0
Petroleum.....	119	111	107	107	107	107	108	101	10.2	9.1
Nuclear.....	496	506	506	506	506	506	620	620	42.5	55.8
Hydroelectric.....	472	277	305	303	304	309	309	308	40.4	27.8
Other Renewables ¹	80	76	76	81	81	81	81	81	6.9	7.3

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Vermont										
Electric Utilities.....	5,323,432	4,734,002	2,971,224	626,337	643,426	673,607	802,680	701,474	93.7	12.0
Petroleum.....	9,816	31,740	9,406	22,607	17,800	10,179	7,371	7,811	0.2	0.1
Natural Gas.....	93	11,000	3,275	2,029	3,224	2,240	1,875	1,889	*	*
Nuclear.....	4,266,866	4,171,120	2,367,209	-	-	-	-	-	75.1	-
Hydroelectric.....	896,312	330,674	404,227	367,624	395,734	415,691	520,077	399,636	15.8	6.9
Other Renewables ¹	150,345	189,468	187,107	234,077	226,668	245,497	273,357	292,138	2.6	5.0
Independent Power Producers and Combined Heat and Power.....	357,106	746,612	2,484,966	5,401,625	4,826,953^R	5,043,148	6,281,664	5,122,108	6.3	88.0
Petroleum.....	1,390	-	-	-	-	-	-	-	*	-
Nuclear.....	-	-	1,595,407	4,444,152	3,858,020	4,071,547	5,106,523	4,703,728	-	80.8
Hydroelectric.....	171,130	553,539	710,695	786,414	791,522	795,120	998,588	246,969	3.0	4.2
Other Renewables ¹	184,586	193,073	178,864	171,059	177,410	176,480	176,553	171,411	3.2	2.9
Total Electric Industry.....	5,680,538	5,480,614	5,456,190	6,027,962	5,470,379^R	5,716,755	7,084,344	5,823,582	100.0	100.0
Petroleum.....	11,206	31,740	9,406	22,607	17,800	10,179	7,371	7,811	0.2	0.1
Natural Gas.....	93	11,000	3,275	2,029	3,224	2,240	1,875	1,889	*	*
Nuclear.....	4,266,866	4,171,120	3,962,616	4,444,152	3,858,020	4,071,547	5,106,523	4,703,728	75.1	80.8
Hydroelectric.....	1,067,442	884,213	1,114,922	1,154,038	1,187,256	1,210,811	1,518,665	646,605	18.8	11.1
Other Renewables ¹	334,931	382,541	365,971	405,136	404,078	421,977	449,910	463,549	5.9	8.0

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Vermont								
Petroleum (cents per million Btu)	454	-	-	-	-	1,314	-	-
Average heat value (Btu per gallon).....	136,719	-	-	-	-	138,098	-	-
Average sulfur Content (percent)	0.06	-	-	-	-	0.40	-	-
Natural Gas (cents per million Btu).....	312	478	384	-	-	887	781	761
Average heat value (Btu per cubic foot).....	1,012	1,010	1,006	-	-	1,007	1,000	1,014

Btu = British thermal unit.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Vermont								
Sulfur Dioxide								
Petroleum.....	*	*	*	*	*	*	*	*
Other Renewables ¹	*	*	*	*	*	*	*	*
Total	*	*	*	*	*	*	*	*
Nitrogen Oxide								
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas	*	*	-	*	*	*	*	*
Other Renewables ¹	*	*	*	*	*	*	*	*
Total	1 ^R	1 ^R	*	* ^R	* ^R	*	*	*
Carbon Dioxide								
Petroleum.....	15	37	13	24	19	12	9	9
Natural Gas	2	6	2	2	3	2	2	1
Total	17 ^R	43 ^R	15 ^R	25 ^R	22 ^R	14 ^R	10 ^R	10

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Vermont										
Retail Sales (thousand megawatthours)										
Residential	1,992	2,009	2,047	2,011	2,109	2,189	2,142	2,170	37.5	37.0
Commercial	1,675	1,926	1,946	1,881	1,978	2,051	2,027	2,059	31.5	35.1
Industrial	1,561	1,608	1,592	1,460	1,577	1,644	1,626	1,635	29.4	27.9
Other ¹	84	42	45	NA	NA	NA	NA	NA	1.6	--
All Sectors	5,312	5,585	5,629	5,352	5,664	5,883	5,795	5,864	100.0	100.0
Retail Revenue (million dollars)										
Residential	228	255	262	258	273	284	287	307	43.4	43.5
Commercial	173	217	216	212	226	232	237	253	32.9	35.8
Industrial	116	127	126	117	126	128	135	146	22.1	20.7
Other ¹	8	8	9	NA	NA	NA	NA	NA	1.5	--
All Sectors	525	607	612	588	624	644	659	706	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	11.45	12.67	12.78	12.82	12.94	12.96	13.39	14.15	--	--
Commercial	10.33	11.28	11.10	11.29	11.42	11.33	11.67	12.29	--	--
Industrial	7.44	7.89	7.90	8.05	7.96	7.77	8.33	8.92	--	--
Other ¹	9.56	18.85	19.26	NA	NA	NA	NA	NA	--	--
All Sectors	9.89	10.86	10.87	10.98	11.02	10.95	11.37	12.04	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Vermont								
Number of Entities	3	15	NA	2	NA	NA	NA	20
Number of Retail Customers	252,672	54,387	NA	47,612	NA	NA	NA	354,671
Retail Sales (thousand megawatthours)	4,532	808	NA	524	NA	NA	NA	5,864
Percentage of Retail Sales	77.29	13.78	--	8.93	--	--	--	100.00
Revenue from Retail Sales (million dollars)	527	104	NA	74	NA	NA	NA	706
Percentage of Revenue	74.73	14.77	--	10.50	--	--	--	100.00
Average Retail Price (cents/kWh)	11.64	12.90	NA	14.15	NA	NA	NA	12.04

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Vermont								
Supply								
Generation								
Electric Utilities	5,323	4,734	2,971	626	643	674	803	701
Independent Power Producers	314	711	2,465	5,396	4,800	5,013	6,256	5,121
Electric Power Sector Generation Subtotal	5,637	5,445	5,437	6,022	5,444	5,687	7,059	5,822
Combined Heat and Power, Industrial	43	35	20	6	27	30	25	2
Industrial and Commercial Generation Subtotal	43	35	20	6	27	30	25	2
Total Net Generation	5,681	5,481	5,456	6,028	5,470	5,717	7,084	5,824
Total International Imports	4,093	2,999	2,433	1,942	1,952	2,159	2,509^R	2,610
Total Supply	9,774	8,480	7,890	7,969	7,422	7,876	9,593^R	8,434
Disposition								
Retail Sales								
Full Service Providers	5,312	5,585	5,629	5,337	5,664	5,883	5,795	5,864
Facility Direct Retail Sales	-	-	-	16	-	-	-	-
Total Electric Industry Retail Sales	5,312	5,585	5,629	5,352	5,664	5,883	5,795	5,864
Direct Use	44	69	70	71	71	30	26	101
Total International Exports	120	-	-	26	14	43	80	117
Estimated Losses	379	446	599	446	362	402	404	392
Total Disposition	5,855	6,100	6,298	5,895	6,111	6,358	6,304	6,474
Net Interstate Trade	3,919	2,379	1,592	2,075	1,311	1,518	3,289^R	1,960
Net Trade Index (ratio)	1.67	1.39	1.25	1.35	1.21	1.24	1.52	1.30

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Virginia		
NERC Region(s).....		RFC/SERC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	22,992	17
Electric Utilities.....	18,376	15
Independent Power Producers & Combined Heat and Power.....	4,616	20
Net Generation (megawatthours).....	78,360,507	21
Electric Utilities.....	64,316,732	17
Independent Power Producers & Combined Heat and Power.....	14,043,775	24
Emissions (thousand metric tons)		
Sulfur Dioxide	197	16
Nitrogen Oxide.....	64	26
Carbon Dioxide.....	46,722	21
Sulfur Dioxide (lbs/MWh)	5.6	17
Nitrogen Oxide (lbs/MWh)	1.8	32
Carbon Dioxide (lbs/MWh).....	1,314	29
Total Retail Sales (megawatthours).....	111,569,552	10
Full Service Provider Sales (megawatthours)	111,525,729	8
Deregulated Sales (megawatthours).....	43,823	20
Direct Use (megawatthours).....	2,455,363	15
Average Retail Price (cents/kWh).....	7.12	35

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Virginia			
1. Bath County	Pumped Storage	Virginia Electric & Power Co	2,923
2. North Anna	Nuclear	Virginia Electric & Power Co	1,807
3. Possum Point	Gas	Virginia Electric & Power Co	1,702
4. Chesterfield.....	Coal	Virginia Electric & Power Co	1,650
5. Surry	Nuclear	Virginia Electric & Power Co	1,598
6. Yorktown	Coal	Virginia Electric & Power Co	1,141
7. Tenaska Virginia Generating Station	Gas	Tenaska Virginia Partners LP	935
8. Clover	Coal	Virginia Electric & Power Co	865
9. Doswell Energy Center.....	Gas	Doswell Ltd Partnership	820
10. Chesapeake	Coal	Virginia Electric & Power Co	710

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Virginia Electric & Power Co	Investor-Owned	75,631,079	28,873,227	38,215,379	8,349,791	192,682
2. Appalachian Power Co	Investor-Owned	16,376,806	6,537,218	4,129,117	5,710,471	-
3. Northern Virginia Elec Coop.....	Cooperative	3,256,288	1,963,415	867,660	425,213	-
4. The Potomac Edison Co	Investor-Owned	3,122,361	1,336,014	732,558	1,053,789	-
5. Rappahannock Electric Coop	Cooperative	2,524,730	1,447,871	131,086	945,773	-
Total Sales, Top Five Providers		100,911,264	40,157,745	44,075,800	16,485,037	192,682
Percent of Total State Sales		90	88	94	87	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Virginia										
Electric Utilities.....	15,291	15,761	15,818	17,128	17,567	18,091	18,166	18,376	81.6	79.9
Coal.....	5,099	4,784	4,789	4,468	4,468	4,586	4,586	4,605	27.2	20.0
Petroleum.....	2,192	2,180	2,083	2,081	2,098	2,031	2,027	2,041	11.7	8.9
Natural Gas	1,524	2,248	2,097	3,714	4,101	4,395	4,395	4,429	8.1	19.3
Nuclear.....	3,392	3,467	3,467	3,467	3,440	3,432	3,432	3,404	18.1	14.8
Hydroelectric	740	738	738	759	760	650	650	654	3.9	2.8
Other Renewables ¹	*	-	-	-	-	80	80	83	*	0.4
Pumped Storage.....	2,345	2,345	2,645	2,638	2,700	2,917	2,997	3,161	12.5	13.7
Independent Power Producers and Combined Heat and Power	3,439	4,325	4,387	4,130	4,939	4,509	4,482	4,616	18.4	20.1
Coal.....	1,150	1,353	1,328	1,328	1,329	1,197	1,188	1,189	6.1	5.2
Petroleum.....	587	361	361	361	359	359	359	377	3.1	1.6
Natural Gas	1,068	2,021	2,094	1,844	2,654	2,433	2,414	2,440	5.7	10.6
Hydroelectric	21	20	20	21	22	22	21	21	0.1	0.1
Other Renewables ¹	614	570	584	576	575	498	501	589	3.3	2.6
Total Electric Industry.....	18,731	20,086	20,205	21,258	22,506	22,599	22,648	22,992	100.0	100.0
Coal.....	6,249	6,137	6,117	5,796	5,797	5,783	5,774	5,794	33.4	25.2
Petroleum.....	2,779	2,541	2,444	2,442	2,457	2,390	2,386	2,418	14.8	10.5
Natural Gas	2,591	4,268	4,191	5,558	6,754	6,828	6,809	6,869	13.8	29.9
Nuclear.....	3,392	3,467	3,467	3,467	3,440	3,432	3,432	3,404	18.1	14.8
Hydroelectric	761	758	757	780	782	672	671	675	4.1	2.9
Other Renewables ¹	614	570	584	576	575	577	580	672	3.3	2.9
Pumped Storage.....	2,345	2,345	2,645	2,638	2,700	2,917	2,997	3,161	12.5	13.7

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Virginia										
Electric Utilities.....	58,985,991	62,135,492	62,880,125	61,806,347	65,103,653	65,456,080	61,176,351	64,316,732	86.1	82.1
Coal.....	29,676,411	30,657,436	31,099,307	29,145,703	27,772,985	28,803,324	28,553,670	29,425,485	43.3	37.6
Petroleum.....	857,789	4,854,800	3,454,714	4,982,314	4,664,410	3,809,135	662,100	1,653,940	1.3	2.1
Natural Gas.....	1,291,954	2,130,640	2,128,402	2,690,674	3,976,271	4,414,479	3,781,091	5,947,608	1.9	7.6
Nuclear.....	27,084,059	25,759,130	27,346,163	24,816,022	28,315,294	27,918,481	27,593,516	27,268,475	39.5	34.8
Hydroelectric.....	939,569	973,563	840,374	1,669,793	1,490,114	1,391,152	1,270,707	1,182,353	1.4	1.5
Other Renewables ¹	-	-	-	-	50,690	540,332	482,711	459,154	-	0.6
Pumped Storage.....	-863,791	-2,240,077	-1,988,835	-1,498,159	-1,166,111	-1,420,823	-1,167,444	-1,620,283	-1.3	-2.1
Independent Power Producers and Combined Heat and Power.....	9,529,343	11,969,258	12,125,527	13,503,073	13,796,387	13,486,965	11,893,186	14,043,775	13.9	17.9
Coal.....	4,483,520	7,112,475	6,983,074	7,947,628	7,883,021 ^R	6,621,551 ^R	5,734,471 ^R	5,995,261	6.5	7.7
Petroleum.....	1,912,255	606,813	337,891	798,022	489,202 ^R	455,524 ^R	177,112 ^R	443,009	2.8	0.6
Natural Gas.....	588,095	2,065,431	2,258,525	1,928,391	2,461,538 ^R	3,880,291 ^R	3,434,359 ^R	4,956,232	0.9	6.3
Other Gases ²	66	-	-	2,959	-	-	-	-	*	-
Hydroelectric.....	80,707	40,661	27,842	111,776	92,936	93,201	80,487	65,911	0.1	0.1
Other Renewables ¹	2,464,700	1,747,072	2,071,272	2,261,359	2,381,667 ^R	1,957,563 ^R	1,975,739 ^R	2,106,417	3.6	2.7
Other ³	-	396,806	446,923	452,936	488,023 ^R	478,834 ^R	491,019 ^R	476,945	-	0.6
Total Electric Industry.....	68,515,334	74,104,750	75,005,652	75,309,420	78,900,040	78,943,045	73,069,537	78,360,507	100.0	100.0
Coal.....	34,159,931	37,769,911	38,082,381	37,093,331	35,656,006 ^R	35,424,875 ^R	34,288,141 ^R	35,420,746	49.9	45.2
Petroleum.....	2,770,044	5,461,613	3,792,605	5,780,336	5,153,612 ^R	4,264,659 ^R	839,212 ^R	2,096,949	4.0	2.7
Natural Gas.....	1,880,049	4,196,071	4,386,927	4,619,065	6,437,809 ^R	8,294,770 ^R	7,215,450 ^R	10,903,840	2.7	13.9
Other Gases ²	66	-	-	2,959	-	-	-	-	*	-
Nuclear.....	27,084,059	25,759,130	27,346,163	24,816,022	28,315,294	27,918,481	27,593,516	27,268,475	39.5	34.8
Hydroelectric.....	1,020,276	1,014,224	868,216	1,781,569	1,583,050	1,484,353	1,351,194	1,248,264	1.5	1.6
Other Renewables ¹	2,464,700	1,747,072	2,071,272	2,261,359	2,432,357 ^R	2,497,895 ^R	2,458,450 ^R	2,565,571	3.6	3.3
Pumped Storage.....	-863,791	-2,240,077	-1,988,835	-1,498,159	-1,166,111	-1,420,823	-1,167,444	-1,620,283	-1.3	-2.1
Other ³	-	396,806	446,923	452,936	488,023 ^R	478,834 ^R	491,019 ^R	476,945	-	0.6

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Virginia								
Coal (cents per million Btu)	139	159	169	167	195	233	245	249
Average heat value (Btu per pound).....	12,554	12,730	12,845	12,826	12,713	12,650	12,592	12,531
Average sulfur Content (percent)	1.01	1.02	1.16	0.97	0.94	1.00	1.04	0.94
Petroleum (cents per million Btu).....	282	357	380	499	497	761	875	922
Average heat value (Btu per gallon).....	148,219	148,810	149,779	149,367	150,757	149,019	150,090	148,238
Average sulfur Content (percent)	1.06	1.04	0.99	0.64	0.78	0.65	0.48	0.33
Natural Gas (cents per million Btu).....	274	440	413	618	665	934	751	816
Average heat value (Btu per cubic foot).....	1,069	1,020	1,035	1,035	1,032	1,034	1,035	1,035

Btu = British thermal unit.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Virginia								
Sulfur Dioxide								
Coal.....	253 ^R	210	254	200	182	203	173	172
Petroleum.....	11 ^R	23	21	25	23	18	10	12
Natural Gas	*	*	*	*	*	*	*	*
Other Renewables ¹	13 ^R	12 ^R	12 ^R	12 ^R	12 ^R	13 ^R	14 ^R	13
Other ²	2 ^R	2 ^R	5 ^R	*	*	*	*	*
Total.....	278 ^R	247 ^R	292 ^R	237 ^R	217 ^R	233 ^R	197 ^R	197
Nitrogen Oxide								
Coal.....	113 ^R	84	102	63	54	53	48	51
Petroleum.....	6 ^R	8	6	7	5	4	2	3
Natural Gas	4 ^R	5	4	3	3	3	2	3
Other Gases.....	-	*	-	*	-	-	-	-
Other Renewables ¹	6 ^R	8 ^R	9 ^R	5 ^R	5 ^R	5 ^R	5 ^R	6
Other ²	4 ^R	3 ^R	5 ^R	2				
Total.....	134 ^R	108 ^R	125 ^R	79 ^R	68 ^R	66 ^R	59 ^R	64
Carbon Dioxide								
Coal.....	35,216	39,239	39,770	38,177	38,303	37,983	36,422	38,269
Petroleum.....	2,186	4,398	3,044	4,658	4,353	3,680	933	2,268
Natural Gas	1,475	2,260	2,916	2,344	3,138	5,010	3,662	5,227
Other ²	726 ^R	773 ^R	875 ^R	908 ^R	1,008 ^R	1,036 ^R	1,052 ^R	958
Total.....	39,603 ^R	46,670 ^R	46,605 ^R	46,087 ^R	46,802 ^R	47,709 ^R	42,068 ^R	46,722

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Virginia										
Retail Sales (thousand megawatthours)										
Residential	33,923	37,325	40,358	40,877	42,503	44,662	42,906	45,481	38.8	40.8
Commercial	24,905	29,066	29,999	41,179	43,025	44,670	44,654	46,971	28.5	42.1
Industrial	19,249	19,702	19,521	19,282	19,734	19,354	18,998	18,925	22.0	17.0
Other ¹	9,342	10,360	10,740	NA	NA	NA	NA	NA	10.7	--
Transportation.....	NA	NA	NA	172	162	163	163	193	--	0.2
All Sectors	87,420	96,453	100,619	101,510	105,424	108,850	106,721	111,570	100.0	100.0
Retail Revenue (million dollars).....										
Residential	2,628	2,908	3,144	3,174	3,397	3,645	3,642	3,976	49.0	50.1
Commercial	1,487	1,701	1,762	2,365	2,530	2,705	2,775	2,996	27.7	37.7
Industrial	770	820	807	815	843	863	891	959	14.4	12.1
Other ¹	481	535	553	NA	NA	NA	NA	NA	9.0	--
Transportation.....	NA	NA	NA	9	10	11	11	13	--	0.2
All Sectors	5,366	5,964	6,265	6,364	6,780	7,223	7,319	7,943	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.75	7.79	7.79	7.76	7.99	8.16	8.49	8.74	--	--
Commercial	5.97	5.85	5.87	5.74	5.88	6.05	6.21	6.38	--	--
Industrial	4.00	4.16	4.13	4.23	4.27	4.46	4.69	5.07	--	--
Other ¹	5.14	5.16	5.14	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	5.46	6.25	6.81	6.81	6.73	--	--
All Sectors	6.14	6.18	6.23	6.27	6.43	6.64	6.86	7.12	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities.....	5	16	1	13	NA	2	2	39
Number of Retail Customers	2,911,953	163,560	1	467,941	NA	1,296	NA	3,544,751
Retail Sales (thousand megawatthours).....	96,441	5,100	10	9,974	NA	44	NA	111,570
Percentage of Retail Sales	86.44	4.57	0.01	8.94	--	0.04	--	100.00
Revenue from Retail Sales (million dollars)	6,445	391	*	1,102	NA	4	1	7,943
Percentage of Revenue	81.14	4.92	0.01	13.87	--	0.05	0.01	100.00
Average Retail Price (cents/kWh).....	6.68	7.66	4.40	11.05	NA	9.34	1.36	7.12

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Virginia								
Supply								
Generation								
Electric Utilities.....	58,986	62,135	62,880	61,806	65,104	65,456	61,176	64,317
Independent Power Producers	2,510	4,697	4,828	6,058	6,263	5,279	4,636	6,538
Combined Heat and Power, Electric	3,746	4,593	4,074	4,368	4,509	5,251	4,409	4,638
Electric Power Sector Generation Subtotal	65,242	71,426	71,783	72,232	75,876	75,986	70,221	75,493
Combined Heat and Power, Commercial	657	515	456	332	361	389	347	398
Combined Heat and Power, Industrial.....	2,616	2,164	2,767	2,745	2,664	2,568	2,502	2,469
Industrial and Commercial Generation Subtotal	3,273	2,679	3,223	3,077	3,024	2,957	2,849	2,868
Total Net Generation	68,515	74,105	75,006	75,309	78,900	78,943	73,070	78,361
Total International Imports	-	-	*	*	-	-	-	-
Total Supply	68,515	74,105	75,006	75,309	78,900	78,943	73,070	78,361
Disposition								
Retail Sales								
Full Service Providers	87,420	95,844	100,305	101,324	105,237	108,676	106,534	111,526
Energy-Only Providers.....	-	609	313	31	26	22	42	44
Facility Direct Retail Sales.....	-	-	-	155	161	151	145	-
Total Electric Industry Retail Sales	87,420	96,453	100,619	101,510	105,424	108,850	106,721	111,570
Direct Use	3,012	2,895	2,958	2,995	2,999	2,577	2,618	2,455
Estimated Losses	6,236	11,059	6,819	7,430^R	6,184	7,107	9,026	7,175
Total Disposition	96,668	110,407	110,395	111,935^R	114,607	118,534	118,365	121,200
Net Interstate Trade	-28,153	-36,302	-35,389	-36,625^R	-35,707	-39,591	-45,296	-42,840
Net Trade Index (ratio)	0.71	0.67	0.68	0.67	0.69	0.67	0.62	0.65

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Washington		
NERC Region(s).....		WECC
Primary Energy Source.....		Hydroelectric
Net Summer Capacity (megawatts)	28,615	11
Electric Utilities.....	24,511	6
Independent Power Producers & Combined Heat and Power.....	4,104	25
Net Generation (megawatthours).....	106,990,217	14
Electric Utilities.....	90,531,201	11
Independent Power Producers & Combined Heat and Power.....	16,459,016	21
Emissions (thousand metric tons)		
Sulfur Dioxide	10	43
Nitrogen Oxide.....	19	40
Carbon Dioxide.....	12,652	39
Sulfur Dioxide (lbs/MWh)	0.2	50
Nitrogen Oxide (lbs/MWh)	0.4	50
Carbon Dioxide (lbs/MWh).....	261	49
Total Retail Sales (megawatthours).....	85,741,947	16
Full Service Provider Sales (megawatthours)	83,474,596	17
Deregulated Sales (megawatthours).....	2,267,351	16
Direct Use (megawatthours)	624,040	37
Average Retail Price (cents/kWh).....	6.37	46

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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	1,300
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	1,014
8. Priest Rapids	Hydroelectric	PUD No 2 of Grant County	932
9. Wells	Hydroelectric	PUD No 1 of Douglas County	840
10. Lower Granite.....	Hydroelectric	USCE-North Pacific Division	810
10. Lower Monumental	Hydroelectric	USCE-North Pacific Division	810
10. Little Goose	Hydroelectric	USCE-North Pacific Division	810

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Washington						
1. Puget Sound Energy Inc	Investor-Owned	21,626,537	10,909,007	9,348,288	1,369,242	-
2. Seattle City of	Public	9,599,911	3,102,218	5,247,690	1,249,367	636
3. Snohomish County PUD No 1	Public	6,774,641	3,478,710	2,399,728	896,203	-
4. Avista Corp.....	Investor-Owned	5,479,140	2,480,153	2,163,941	835,046	-
5. Tacoma City of	Public	5,209,141	1,885,268	760,805	2,562,171	897
Total Sales, Top Five Providers		48,689,370	21,855,356	19,920,452	6,912,029	1,533
Percent of Total State Sales		57	62	67	33	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Washington										
Electric Utilities.....	25,273	24,055	24,141	24,216	23,878	24,065	24,303	24,511	96.3	85.7
Coal.....	1,390	-	-	-	-	-	-	-	5.3	-
Petroleum.....	62	133	40	39	39	39	39	3	0.2	*
Natural Gas	838	987	1,146	1,153	1,184	1,141	1,138	1,111	3.2	3.9
Nuclear.....	1,170	1,108	1,108	1,108	1,122	1,131	1,131	1,131	4.5	4.0
Hydroelectric	21,470	21,367	21,392	21,408	21,010	21,081	21,094	21,274	81.8	74.3
Other Renewables ¹	83	147	142	194	210	360	588	679	0.3	2.4
Pumped Storage.....	261	314	314	314	314	314	314	314	1.0	1.1
Independent Power Producers and Combined Heat and Power	979	2,590	2,971	3,473	3,695	3,726	3,920	4,104	3.7	14.3
Coal.....	2	1,407	1,407	1,407	1,407	1,405	1,405	1,405	*	4.9
Petroleum.....	-	168	176	176	-	2	2	2	-	*
Natural Gas	736	559	938	1,433	1,829	1,853	1,853	1,823	2.8	6.4
Hydroelectric	100	86	72	48	60	65	62	59	0.4	0.2
Other Renewables ¹	142	370	378	408	399	401	598	815	0.5	2.8
Total Electric Industry.....	26,253	26,645	27,112	27,689	27,573	27,791	28,224	28,615	100.0	100.0
Coal.....	1,392	1,407	1,407	1,407	1,407	1,405	1,405	1,405	5.3	4.9
Petroleum.....	62	301	216	215	39	40	40	4	0.2	*
Natural Gas	1,574	1,546	2,085	2,586	3,013	2,994	2,991	2,933	6.0	10.3
Nuclear.....	1,170	1,108	1,108	1,108	1,122	1,131	1,131	1,131	4.5	4.0
Hydroelectric	21,570	21,453	21,464	21,457	21,070	21,146	21,156	21,333	82.2	74.6
Other Renewables ¹	225	517	519	602	609	761	1,186	1,494	0.9	5.2
Pumped Storage.....	261	314	314	314	314	314	314	314	1.0	1.1

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Washington										
Electric Utilities.....	117,453,024	67,683,216	88,568,483	82,205,391	83,500,909	83,152,928	94,067,080	90,531,201	96.2	84.6
Coal.....	6,965,990	-	-	-	-	-	-	-	5.7	-
Petroleum.....	16,297	179,120	6,172	7,851	13,112	2,416	8,517	3,983	*	*
Natural Gas.....	228,754	4,378,072	1,084,370	2,256,386	2,286,578	2,155,528	1,672,572	1,773,539	0.2	1.7
Nuclear.....	6,244,135	8,250,429	9,048,475	7,614,708	8,981,583	8,242,273	9,328,277	8,108,560	5.1	7.6
Hydroelectric.....	103,644,592	54,517,234	77,833,286	71,540,502	71,393,131	71,894,440	81,791,115	78,613,750	84.9	73.5
Other Renewables ¹	353,256	358,361	600,712	789,237	836,323	849,798	1,219,500	1,986,857	0.3	1.9
Pumped Storage.....	-	-	-4,532	-3,293	-9,818	8,473	47,099	44,512	-	*
Independent Power Producers and Combined Heat and Power.....	4,673,143	15,365,453	14,196,564	17,889,300	18,664,144^R	18,812,922	14,136,075	16,459,016	3.8	15.4
Coal.....	24,529	9,082,358	8,660,804	11,089,796	10,409,331 ^R	10,494,407 ^R	6,372,823 ^R	8,556,816	*	8.0
Petroleum.....	212,292	141,239	67,130	58,741	72,772 ^R	64,879 ^R	29,713 ^R	33,059	0.2	*
Natural Gas.....	2,732,907	4,996,173	3,634,941	4,826,219	6,182,222 ^R	6,423,018 ^R	5,822,838 ^R	5,513,855	2.2	5.2
Other Gases ²	290,495	-	312,638	303,188	275,284 ^R	321,724 ^R	348,649 ^R	333,773	0.2	0.3
Hydroelectric.....	525,959	216,661	333,378	216,281	182,569	180,209	216,514	215,446	0.4	0.2
Other Renewables ¹	886,961	862,970	1,123,454	1,339,068	1,475,102 ^R	1,263,863 ^R	1,283,354 ^R	1,743,697	0.7	1.6
Other ³	-	66,052	64,219	56,007	66,864	64,822	62,185	62,370	-	0.1
Total Electric Industry.....	122,126,167	83,048,669	102,765,047	100,094,691	102,165,052	101,965,850	108,203,155	106,990,217	100.0	100.0
Coal.....	6,990,519	9,082,358	8,660,804	11,089,796	10,409,331 ^R	10,494,407 ^R	6,372,823 ^R	8,556,816	5.7	8.0
Petroleum.....	228,589	320,359	73,302	66,592	85,884 ^R	67,295 ^R	38,230 ^R	37,042	0.2	*
Natural Gas.....	2,961,661	9,374,245	4,719,311	7,082,605	8,468,800 ^R	8,578,546 ^R	7,495,410 ^R	7,287,394	2.4	6.8
Other Gases ²	290,495	-	312,638	303,188	275,284 ^R	321,724 ^R	348,649 ^R	333,773	0.2	0.3
Nuclear.....	6,244,135	8,250,429	9,048,475	7,614,708	8,981,583	8,242,273	9,328,277	8,108,560	5.1	7.6
Hydroelectric.....	104,170,551	54,733,895	78,166,664	71,756,783	71,575,700	72,074,649	82,007,629	78,829,195	85.3	73.7
Other Renewables ¹	1,240,217	1,221,331	1,724,166	2,128,305	2,311,425 ^R	2,113,661 ^R	2,502,854 ^R	3,730,554	1.0	3.5
Pumped Storage.....	-	-	-4,532	-3,293	-9,818	8,473	47,099	44,512	-	*
Other ³	-	66,052	64,219	56,007	66,864	64,822	62,185	62,370	-	0.1

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Washington								
Coal (cents per million Btu)	163	-	W	W	W	W	W	W
Average heat value (Btu per pound).....	8,043	-	8,014	8,052	8,151	8,131	8,532	9,211
Average sulfur Content (percent)	0.62	-	1.01	1.00	0.93	0.75	0.69	0.34
Petroleum (cents per million Btu).....	499	-	W	W	W	W	W	W
Average heat value (Btu per gallon).....	139,943	-	137,098	145,438	139,331	137,340	142,807	138,598
Average sulfur Content (percent)	0.31	-	0.31	0.27	0.90	0.58	0.41	0.32
Natural Gas (cents per million Btu).....	4,519	-	354	415	457	649	565	612
Average heat value (Btu per cubic foot).....	1,048	-	1,034	1,029	1,029	1,027	1,028	1,023

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

- (dash) = Data not available.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Washington								
Sulfur Dioxide								
Coal.....	59 ^R	63	18	8	7	4	2	2
Petroleum.....	2	1	2	1	1	1	2	*
Natural Gas.....	*	*	*	*	*	*	*	*
Other Gases.....	* ^R	-	* ^R	*				
Other Renewables ¹	8 ^R	7 ^R	6 ^R	7				
Other ²	*	*	*	*	*	*	*	*
Total.....	69 ^R	71 ^R	25 ^R	16 ^R	15 ^R	11 ^R	11 ^R	10
Nitrogen Oxide								
Coal.....	15	18	14	18	14	15	8	11
Petroleum.....	2 ^R	1	*	*	*	*	1	*
Natural Gas.....	6 ^R	12	5	7	5	5	5	4
Other Gases.....	*	-	*	*	*	*	* ^R	*
Other Renewables ¹	3 ^R	5 ^R	4 ^R	4 ^R	4 ^R	4 ^R	5 ^R	4
Other ²	1 ^R	*	*	*	*	*	*	*
Total.....	26 ^R	36 ^R	24 ^R	31 ^R	24 ^R	26 ^R	20 ^R	19
Carbon Dioxide								
Coal.....	7,517	9,413	9,538	11,215	10,653	10,690	6,532	9,018
Petroleum.....	424	478	277	304	351	316	262	299
Natural Gas.....	2,032	5,474	2,598	3,429	3,853	3,783	3,448	3,218
Other ²	108 ^R	123 ^R	110 ^R	96 ^R	119 ^R	119 ^R	118 ^R	116
Total.....	10,081 ^R	15,488 ^R	12,523 ^R	15,043 ^R	14,976 ^R	14,907 ^R	10,360 ^R	12,652

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Washington										
Retail Sales (thousand megawatthours)										
Residential	31,749	31,608	32,066	31,872	32,455	33,212	34,439	35,389	34.9	41.3
Commercial	21,600	23,841	24,310	28,039	28,226	28,100	28,580	29,599	23.8	34.5
Industrial	33,956	19,339	15,792	18,180	19,259	22,112	22,013	20,753	37.3	24.2
Other ¹	3,627	3,707	3,237	NA	NA	NA	NA	NA	4.0	--
Transportation.....	NA	NA	NA	42	42	2	1	2	--	*
All Sectors	90,932	78,495	75,404	78,134	79,982	83,425	85,033	85,742	100.0	100.0
Retail Revenue (million dollars).....										
Residential	1,572	1,802	2,018	2,010	2,069	2,173	2,350	2,570	42.7	47.1
Commercial	1,036	1,298	1,485	1,701	1,742	1,778	1,896	1,940	28.1	35.5
Industrial	929	919	770	866	825	943	976	948	25.2	17.4
Other ¹	147	174	160	NA	NA	NA	NA	NA	4.0	--
Transportation.....	NA	NA	NA	3	3	*	*	*	--	*
All Sectors	3,684	4,193	4,433	4,580	4,638	4,894	5,222	5,458	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	4.95	5.70	6.29	6.31	6.37	6.54	6.82	7.26	--	--
Commercial	4.79	5.45	6.11	6.07	6.17	6.33	6.63	6.55	--	--
Industrial	2.59	4.75	4.88	4.76	4.28	4.27	4.44	4.57	--	--
Other ¹	4.06	4.69	4.94	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	6.45	6.44	6.44	5.93	5.74	--	--
All Sectors	4.04	5.34	5.88	5.86	5.80	5.87	6.14	6.37	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Washington								
Number of Entities.....	3	40	1	18	NA	6	1	69
Number of Retail Customers	1,401,649	1,557,717	8	160,051	NA	11	NA	3,119,436
Retail Sales (thousand megawatthours).....	31,049	47,618	856	3,952	NA	2,267	NA	85,742
Percentage of Retail Sales	36.21	55.54	1.00	4.61	--	2.64	--	100.00
Revenue from Retail Sales (million dollars)	2,438	2,610	31	240	NA	129	10	5,458
Percentage of Revenue	44.67	47.82	0.57	4.41	--	2.36	0.18	100.00
Average Retail Price (cents/kWh).....	7.82	5.48	3.65	6.08	NA	5.67	0.42	6.37

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Washington								
Supply								
Generation								
Electric Utilities.....	117,453	67,683	88,568	82,205	83,501	83,153	94,067	90,531
Independent Power Producers	408	9,454	9,817	13,541	15,054	15,287	10,887	13,797
Combined Heat and Power, Electric	2,947	4,427	3,268	3,350	2,583	2,517	2,385	1,948
Electric Power Sector Generation Subtotal	120,808	81,564	101,654	99,097	101,138	100,956	107,339	106,277
Combined Heat and Power, Commercial	114	138	33	77	95	73	78	52
Combined Heat and Power, Industrial.....	1,205	1,347	1,078	920	932	937	786	661
Industrial and Commercial Generation Subtotal	1,318	1,485	1,111	998	1,027	1,010	864	714
Total Net Generation	122,126	83,049	102,765	100,095	102,165	101,966	108,203	106,990
Total International Imports	7,199	3,152	4,362	3,445	2,229	2,533	2,430	3,622
Total Supply	129,325	86,201	107,127	103,540	104,394	104,498	110,633	110,612
Disposition								
Retail Sales								
Full Service Providers	88,306	77,324	74,316	76,104	79,606	81,395	82,941	83,475
Energy-Only Providers.....	2,626	1,171	1,088	2,021	376	2,030	2,092	2,267
Facility Direct Retail Sales.....	-	-	-	9	-	-	-	-
Total Electric Industry Retail Sales	90,932	78,495	75,404	78,134	79,982	83,425	85,033	85,742
Direct Use	1,272	1,346	1,375	1,393	1,394	522	759	624
Total International Exports	3,567	8,210	5,549	5,402	7,077	5,537	11,086	6,881
Estimated Losses	6,486	6,777	7,338	5,824^R	4,511	6,017	5,288	5,370
Total Disposition	102,258	94,828	89,666	90,752^R	92,964	95,502	102,167	98,617
Net Interstate Trade	27,068	-8,627	17,460	12,788^R	11,430	8,996	8,465	11,996
Net Trade Index (ratio)	1.26	0.91	1.19	1.14	1.12	1.09	1.08	1.12

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
West Virginia		
NERC Region(s).....		RFC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	16,099	25
Electric Utilities.....	11,711	21
Independent Power Producers & Combined Heat and Power.....	4,387	22
Net Generation (megawatthours).....	93,933,109	18
Electric Utilities.....	69,347,861	16
Independent Power Producers & Combined Heat and Power.....	24,585,248	13
Emissions (thousand metric tons)		
Sulfur Dioxide	353	9
Nitrogen Oxide.....	139	7
Carbon Dioxide.....	86,274	10
Sulfur Dioxide (lbs/MWh)	8.3	8
Nitrogen Oxide (lbs/MWh)	3.3	13
Carbon Dioxide (lbs/MWh).....	2,025	6
Total Retail Sales (megawatthours).....	34,183,839	34
Full Service Provider Sales (megawatthours)	34,183,839	33
Direct Use (megawatthours)	662,965	36
Average Retail Price (cents/kWh).....	5.34	49

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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	1,954
3. Mt Storm.....	Coal	Virginia Electric & Power Co	1,572
4. Mitchell.....	Coal	Ohio Power Co	1,560
5. Mountaineer.....	Coal	Appalachian Power Co	1,310
6. Pleasants Power Station.....	Coal	Allegheny Energy Supply Co LLC	1,278
7. Fort Martin Power Station.....	Coal	Monongahela Power Co	1,107
8. Philip Sporn.....	Coal	Appalachian Power Co	1,020
9. Kammer.....	Coal	Ohio Power Co	600
10. Ceredo Generating Station.....	Gas	Appalachian Power Co	450

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
West Virginia						
1. Appalachian Power Co.....	Investor-Owned	17,498,605	5,839,210	3,752,354	7,907,041	-
2. Monongahela Power Co.....	Investor-Owned	10,856,188	3,536,402	2,690,953	4,624,376	4,457
3. The Potomac Edison Co.....	Investor-Owned	3,334,036	1,750,966	792,679	790,391	-
4. Wheeling Power Co.....	Investor-Owned	2,230,165	449,590	453,386	1,327,189	-
5. Harrison Rural Elec Assn, Inc.....	Cooperative	72,030	55,817	13,341	2,872	-
Total Sales, Top Five Providers.....		33,991,024	11,631,985	7,702,713	14,651,869	4,457
Percent of Total State Sales.....		99	99	99	100	100

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
West Virginia										
Electric Utilities.....	14,491	10,188	10,166	10,164	10,206	10,890	11,975	11,711	96.3	72.7
Coal.....	14,381	10,126	10,108	10,108	10,108	10,118	11,225	11,186	95.6	69.5
Petroleum.....	12	12	12	12	12	12	12	12	0.1	0.1
Natural Gas.....	-	-	-	-	-	696	675	450	-	2.8
Hydroelectric.....	98	50	46	44	86	63	63	63	0.6	0.4
Independent Power Producers and Combined Heat and Power.....	560	5,629	6,014	5,960	6,196	5,570	4,468	4,387	3.7	27.3
Coal.....	384	4,577	4,608	4,608	4,615	4,615	3,520	3,529	2.6	21.9
Natural Gas.....	11	764	1,056	1,056	1,282	689	682	592	0.1	3.7
Other Gases ¹	25	95	95	95	95	-	-	-	0.2	-
Hydroelectric.....	140	193	189	135	138	201	201	200	0.9	1.2
Other Renewables ²	-	-	66	66	66	66	66	66	-	0.4
Total Electric Industry.....	15,051	15,817	16,180	16,124	16,402	16,460	16,443	16,099	100.0	100.0
Coal.....	14,765	14,703	14,716	14,716	14,723	14,733	14,745	14,715	98.1	91.4
Petroleum.....	12	12	12	12	12	12	12	12	0.1	0.1
Natural Gas.....	11	764	1,056	1,056	1,282	1,386	1,357	1,042	0.1	6.5
Other Gases ¹	25	95	95	95	95	-	-	-	0.2	-
Hydroelectric.....	238	243	235	179	224	264	264	264	1.6	1.6
Other Renewables ²	-	-	66	66	66	66	66	66	-	0.4

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
West Virginia										
Electric Utilities.....	88,284,461	51,608,803	63,341,620	64,056,696	59,083,917	61,241,831	68,163,826	69,347,861	96.5	73.8
Coal.....	87,714,945	51,110,900	62,801,799	63,499,194	58,508,159	60,581,576	67,391,989	68,602,182	95.8	73.0
Petroleum.....	170,969	256,951	278,679	210,060	231,515	173,196	132,400	177,140	0.2	0.2
Natural Gas.....	21,355	3,654	3,396	3,998	3,166	3,215	86,926	137,050	*	0.1
Hydroelectric.....	377,192	210,961	235,958	322,664	326,253	471,916	546,033	431,101	0.4	0.5
Other Renewables ¹	-	15,527	5,019	3,728	2,071	713	-	-	-	-
Other ²	-	10,810	16,769	17,052	12,753	11,215	6,478	388	-	*
Independent Power Producers and Combined Heat and Power.....	3,244,416	30,227,922	31,420,133	30,654,858	30,665,645	32,384,454	25,651,978	24,585,248	3.5	26.2
Coal.....	2,130,584	29,103,504	30,149,518	28,969,789	29,076,439 ^R	30,835,427 ^R	24,081,332 ^R	23,264,083	2.3	24.8
Petroleum.....	18,629	21,725	18,908	37,837	36,043 ^R	50,097 ^R	42,486	22,779	*	*
Natural Gas.....	195,391	272,211	237,745	273,839	252,144 ^R	283,877 ^R	274,911 ^R	251,744	0.2	0.3
Other Gases ³	138,004	89,500	174,598	169,782	147,802 ^R	85,511 ^R	52,797	55,676	0.2	0.1
Hydroelectric.....	761,577	740,982	829,778	1,033,367	992,026	975,650	1,026,400	823,296	0.8	0.9
Other Renewables ¹	-	-	9,586	170,242	161,191	153,892	174,053 ^R	167,588	-	0.2
Other ²	231	-	-	-	-	-	-	83	*	*
Total Electric Industry.....	91,528,877	81,836,725	94,761,753	94,711,554	89,749,562	93,626,285	93,815,804	93,933,109	100.0	100.0
Coal.....	89,845,529	80,214,404	92,951,317	92,468,983	87,584,598 ^R	91,417,003 ^R	91,473,321 ^R	91,866,265	98.2	97.8
Petroleum.....	189,598	278,676	297,587	247,897	267,558 ^R	223,293 ^R	174,886	199,919	0.2	0.2
Natural Gas.....	216,746	275,865	241,141	277,837	255,310 ^R	287,092 ^R	361,837 ^R	388,794	0.2	0.4
Other Gases ³	138,004	89,500	174,598	169,782	147,802 ^R	85,511 ^R	52,797	55,676	0.2	0.1
Hydroelectric.....	1,138,769	951,943	1,065,736	1,356,031	1,318,279	1,447,566	1,572,433	1,254,397	1.2	1.3
Other Renewables ¹	-	15,527	14,605	173,970	163,262	154,605	174,053 ^R	167,588	-	0.2
Other ²	231	10,810	16,769	17,052	12,753	11,215	6,478	471	*	*

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

³ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
West Virginia								
Coal (cents per million Btu)	124	125	121	125	135	W	167	173
Average heat value (Btu per pound).....	12,398	12,085	12,103	12,166	12,061	11,976	11,967	12,046
Average sulfur Content (percent)	1.95	1.19	1.71	1.69	1.75	1.78	1.79	2.04
Petroleum (cents per million Btu).....	464	666	543	725	785	959	W	W
Average heat value (Btu per gallon).....	138,883	137,143	122,840	140,526	140,943	141,667	143,471	143,817
Average sulfur Content (percent).....	0.06	0.07	0.24	0.24	0.15	0.62	0.86	0.55
Natural Gas (cents per million Btu).....	335	646	385	633	633	859	867	802
Average heat value (Btu per cubic foot).....	1,000	1,020	1,026	1,024	1,028	1,029	1,035	1,033

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
West Virginia								
Sulfur Dioxide								
Coal.....	636 ^R	618	478	506	446	438	427	353
Petroleum.....	1 ^R	3	1	*	*	1	1	1
Natural Gas	*	*	*	*	*	*	*	*
Other Gases.....	*	*	*	*	*	*	*	*
Other Renewables ¹	-	-	* ^R	-	-	-	-	-
Other ²	-	-	*	*	*	*	*	*
Total.....	637 ^R	622 ^R	478 ^R	507 ^R	447 ^R	440 ^R	428 ^R	353
Nitrogen Oxide								
Coal.....	297 ^R	274	207	193	159	147	139	138
Petroleum.....	*	1	*	*	*	*	*	*
Natural Gas	1	1	3	*	* ^R	*	*	*
Other Gases.....	1 ^R	1 ^R	2 ^R	*	*	*	*	*
Other Renewables ¹	-	* ^R	*	*	* ^R	* ^R	* ^R	*
Other ²	* ^R	*	*	*	*	*	*	*
Total.....	300 ^R	277 ^R	213 ^R	194 ^R	160 ^R	148 ^R	140 ^R	139
Carbon Dioxide								
Coal.....	81,645	74,136	85,981	84,958	81,244	84,058	84,442	85,637
Petroleum.....	209	182	212	189	223	281	292	282
Natural Gas	574	495	353	416	584	444	334	354
Other ²	-	11 ^R	13 ^R	14 ^R	13 ^R	12 ^R	8 ^R	*
Total.....	82,429 ^R	74,824 ^R	86,558 ^R	85,578 ^R	82,064 ^R	84,795 ^R	85,075 ^R	86,274

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
West Virginia										
Retail Sales (thousand megawatthours)										
Residential	9,027	9,828	10,444	10,473	10,756	11,384	11,014	11,749	34.4	34.4
Commercial	5,944	6,786	7,039	7,136	7,217	7,452	7,377	7,769	22.6	22.7
Industrial	11,180	10,978	10,902	10,687	10,942	11,312	13,916	14,661	42.6	42.9
Other ¹	96	78	78	NA	NA	NA	NA	NA	0.4	--
Transportation.....	NA	NA	NA	NA	4	4	4	4	--	*
All Sectors	26,247	27,669	28,463	28,297	28,919	30,152	32,312	34,184	100.0	100.0
Retail Revenue (million dollars).....										
Residential	565	616	651	654	670	706	700	791	42.9	43.3
Commercial	329	369	381	389	394	412	413	454	25.0	24.9
Industrial	415	410	415	408	419	435	516	580	31.5	31.8
Other ¹	8	8	8	NA	NA	NA	NA	NA	0.6	--
Transportation.....	NA	NA	NA	NA	*	*	*	*	--	*
All Sectors	1,317	1,403	1,455	1,450	1,483	1,554	1,629	1,825	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	6.26	6.26	6.23	6.24	6.23	6.21	6.35	6.73	--	--
Commercial	5.54	5.44	5.41	5.45	5.46	5.53	5.59	5.85	--	--
Industrial	3.71	3.74	3.81	3.81	3.83	3.85	3.71	3.95	--	--
Other ¹	8.71	10.36	10.01	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	NA	5.70	6.08	5.86	6.42	--	--
All Sectors	5.02	5.07	5.11	5.13	5.13	5.15	5.04	5.34	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

* = 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 *).

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
West Virginia								
Number of Entities.....	11	2	NA	3	NA	NA	NA	16
Number of Retail Customers	993,238	3,585	NA	9,786	NA	NA	NA	1,006,609
Retail Sales (thousand megawatthours).....	34,002	67	NA	114	NA	NA	NA	34,184
Percentage of Retail Sales	99.47	0.20	--	0.33	--	--	--	100.00
Revenue from Retail Sales (million dollars)	1,809	5	NA	11	NA	NA	NA	1,825
Percentage of Revenue	99.13	0.25	--	0.62	--	--	--	100.00
Average Retail Price (cents/kWh).....	5.32	6.78	NA	9.88	NA	NA	NA	5.34

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
West Virginia								
Supply								
Generation								
Electric Utilities.....	88,284	51,609	63,342	64,057	59,084	61,242	68,164	69,348
Independent Power Producers	960	28,458	29,373	28,429	28,498	30,556	23,959	23,058
Combined Heat and Power, Electric	456	306	409	446	465	467	470	417
Electric Power Sector Generation Subtotal	89,701	80,373	93,123	92,932	88,047	92,265	92,593	92,823
Combined Heat and Power, Industrial.....	1,828	1,464	1,639	1,780	1,703	1,361	1,223	1,110
Industrial and Commercial Generation Subtotal.....	1,828	1,464	1,639	1,780	1,703	1,361	1,223	1,110
Total Net Generation.....	91,529	81,837	94,762	94,712	89,750	93,626	93,816	93,933
Total Supply	91,529	81,837	94,762	94,712	89,750	93,626	93,816	93,933
Disposition								
Retail Sales								
Full Service Providers	26,247	27,669	28,463	28,275	28,919	30,131	32,312	34,184
Facility Direct Retail Sales.....	-	-	-	22	-	22	-	-
Total Electric Industry Retail Sales.....	26,247	27,669	28,463	28,297	28,919	30,152	32,312	34,184
Direct Use	1,920	1,755	1,793	1,816	1,818	1,360	1,391	663
Estimated Losses.....	1,872	1,787	1,982	1,741^R	1,795	2,581	3,002	2,975
Total Disposition	30,039	31,212	32,239	31,854^R	32,531^R	34,093	36,705	37,822
Net Interstate Trade.....	61,490	50,625	62,523	62,857	57,218	59,533	57,111	56,111
Net Trade Index (ratio).....	3.05	2.62	2.94	2.97	2.76	2.75	2.56	2.48

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Wisconsin		
NERC Region(s).....		MRO/RFC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	16,365	23
Electric Utilities.....	11,767	20
Independent Power Producers & Combined Heat and Power.....	4,597	21
Net Generation (megawatthours).....	63,390,630	23
Electric Utilities.....	44,284,480	22
Independent Power Producers & Combined Heat and Power.....	19,106,150	18
Emissions (thousand metric tons)		
Sulfur Dioxide	177	17
Nitrogen Oxide.....	70	20
Carbon Dioxide.....	48,842	20
Sulfur Dioxide (lbs/MWh)	6.2	14
Nitrogen Oxide (lbs/MWh)	2.4	20
Carbon Dioxide (lbs/MWh).....	1,699	16
Total Retail Sales (megawatthours).....	71,301,300	22
Full Service Provider Sales (megawatthours)	71,301,300	21
Direct Use (megawatthours)	3,928,448	10
Average Retail Price (cents/kWh).....	8.48	21

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Wisconsin			
1. Pleasant Prairie	Coal	Wisconsin Electric Power Co	1,210
2. South Oak Creek.....	Coal	Wisconsin Electric Power Co	1,153
3. Columbia	Coal	Wisconsin Power & Light Co	1,107
4. Point Beach.....	Nuclear	FPL Energy Point Beach	1,041
5. Edgewater	Coal	Wisconsin Power & Light Co	807
6. Fox Energy Center.....	Gas	GE Energy Services	600
7. Riverside Energy Center.....	Gas	Rock River Energy LLC	598
8. Port Washington Generating Station	Gas	Wisconsin Electric Power Co	575
9. Kewaunee	Nuclear	Dominion Energy Kewaunee Inc.	556
10. Weston	Coal	Wisconsin Public Service Corp	543

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Wisconsin						
1. Wisconsin Electric Power Co.....	Investor-Owned	25,954,656	8,246,285	9,025,538	8,682,833	-
2. Wisconsin Power & Light Co.....	Investor-Owned	10,843,809	3,539,611	2,370,268	4,933,930	-
3. Wisconsin Public Service Corp.....	Investor-Owned	10,812,224	2,826,796	4,013,504	3,971,924	-
4. Northern States Power Co.....	Investor-Owned	6,229,285	1,902,776	2,764,494	1,562,015	-
5. Madison Gas & Electric Co.....	Investor-Owned	3,350,021	833,549	2,236,505	279,967	-
Total Sales, Top Five Providers.....		57,189,995	17,349,017	20,410,309	19,430,669	-
Percent of Total State Sales.....		80	78	87	76	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Wisconsin										
Electric Utilities.....	11,845	12,248	12,511	12,568	12,405	12,877	12,911	11,767	94.2	71.9
Coal.....	7,389	7,170	7,186	7,123	6,856	6,855	6,879	6,746	58.8	41.2
Petroleum.....	1,053	1,072	1,156	783	759	771	764	810	8.4	5.0
Natural Gas.....	1,450	1,974	2,168	2,634	2,689	3,697	3,716	3,683	11.5	22.5
Nuclear.....	1,432	1,510	1,510	1,565	1,586	1,026	1,026	-	11.4	-
Hydroelectric.....	460	450	425	427	431	436	425	436	3.7	2.7
Other Renewables ¹	61	72	66	37	84	92	101	91	0.5	0.6
Independent Power Producers and Combined Heat and Power.....	728	1,856	1,726	1,740	2,330	3,330	3,504	4,597	5.8	28.1
Coal.....	392	323	313	316	277	291	184	199	3.1	1.2
Petroleum.....	3	12	3	3	3	18	117	139	*	0.9
Natural Gas.....	210	1,262	1,136	1,145	1,744	2,169	2,339	2,348	1.7	14.3
Nuclear.....	-	-	-	-	-	556	556	1,582	-	9.7
Hydroelectric.....	54	66	69	51	51	51	51	52	0.4	0.3
Other Renewables ¹	68	173	184	205	233	225	236	256	0.5	1.6
Other ²	-	21	21	21	21	21	21	21	-	0.1
Total Electric Industry.....	12,573	14,103	14,237	14,309	14,734	16,208	16,415	16,365	100.0	100.0
Coal.....	7,782	7,493	7,500	7,439	7,133	7,146	7,063	6,945	61.9	42.4
Petroleum.....	1,057	1,084	1,159	786	762	789	881	949	8.4	5.8
Natural Gas.....	1,660	3,235	3,304	3,779	4,433	5,866	6,056	6,032	13.2	36.9
Nuclear.....	1,432	1,510	1,510	1,565	1,586	1,582	1,582	1,582	11.4	9.7
Hydroelectric.....	513	516	494	478	482	487	476	488	4.1	3.0
Other Renewables ¹	129	245	250	241	317	318	337	348	1.0	2.1
Other ²	-	21	21	21	21	21	21	21	-	0.1

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Wisconsin										
Electric Utilities.....	48,560,127	54,959,426	54,773,666	56,068,698	56,142,364	55,169,108	51,914,755	44,284,480	94.4	69.9
Coal.....	40,819,517	40,185,649	38,583,501	40,579,973	40,981,609	40,506,086	38,866,178	38,719,363	79.4	61.1
Petroleum.....	169,863	170,443	162,990	185,625	494,535	470,219	591,486	725,019	0.3	1.1
Natural Gas.....	1,100,895	868,225	973,287	1,131,999	711,519	2,450,224	2,114,624	3,175,563	2.1	5.0
Nuclear.....	3,915,871	11,507,078	12,448,813	12,215,463	11,887,849	9,920,991	8,560,416	-	7.6	-
Hydroelectric.....	2,182,208	1,887,555	2,282,883	1,623,369	1,748,442	1,498,881	1,446,192	1,313,600	4.2	2.1
Other Renewables ¹	371,773	180,513	179,399	194,031	227,684	230,399	259,408	277,136	0.7	0.4
Other ²	-	159,963	142,793	138,238	90,726	92,308	76,451	73,800	-	0.1
Independent Power Producers and Combined Heat and Power.....	2,853,881	3,804,005	3,657,772	4,053,726	4,302,569	6,655,556	9,725,088	19,106,150	5.6	30.1
Coal.....	1,156,968	1,067,807	1,223,983	1,137,243	1,166,567 ^R	1,223,227 ^R	1,250,312 ^R	1,308,887	2.3	2.1
Petroleum.....	240,886	277,340	259,688	287,162	301,084 ^R	276,291 ^R	285,700 ^R	288,395	0.5	0.5
Natural Gas.....	323,459	1,365,740	1,103,026	1,346,392	1,693,843 ^R	3,936,570 ^R	3,243,858 ^R	3,313,188	0.6	5.2
Nuclear.....	-	-	-	-	-	-	3,673,099	12,910,319	-	20.4
Hydroelectric.....	301,085	168,689	232,134	219,926	232,234	241,338	232,406	202,483	0.6	0.3
Other Renewables ¹	831,483	921,697	836,193	1,031,693	885,955 ^R	951,254 ^R	1,006,215 ^R	1,052,382	1.6	1.7
Other ²	-	2,732	2,748	31,310	22,887 ^R	26,875 ^R	33,499 ^R	30,497	-	*
Total Electric Industry.....	51,414,008	58,763,431	58,431,438	60,122,424	60,444,933	61,824,664	61,639,843	63,390,630	100.0	100.0
Coal.....	41,976,485	41,253,456	39,807,484	41,717,216	42,148,176 ^R	41,729,313 ^R	40,116,490 ^R	40,028,250	81.6	63.1
Petroleum.....	410,749	447,783	422,678	472,787	795,619 ^R	746,510 ^R	877,186 ^R	1,013,414	0.8	1.6
Natural Gas.....	1,424,354	2,233,965	2,076,313	2,478,391	2,405,362 ^R	6,386,794 ^R	5,358,482 ^R	6,488,750	2.8	10.2
Nuclear.....	3,915,871	11,507,078	12,448,813	12,215,463	11,887,849	9,920,991	12,233,515	12,910,319	7.6	20.4
Hydroelectric.....	2,483,293	2,056,244	2,515,017	1,843,295	1,980,676	1,740,219	1,678,598	1,516,083	4.8	2.4
Other Renewables ¹	1,203,256	1,102,210	1,015,593	1,225,724	1,113,639 ^R	1,181,653 ^R	1,265,623 ^R	1,329,518	2.3	2.1
Other ²	-	162,695	145,540	169,548	113,612 ^R	119,183 ^R	109,950 ^R	104,297	-	0.2

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Wisconsin								
Coal (cents per million Btu)	109	105	112	W	W	W	W	W
Average heat value (Btu per pound).....	9,375	9,500	9,089	9,006	9,030	9,088	8,975	8,967
Average sulfur Content (percent)	0.50	0.37	0.41	0.38	0.39	0.38	0.36	0.36
Petroleum (cents per million Btu).....	180	146	W	W	W	W	W	W
Average heat value (Btu per gallon).....	90,760	139,048	133,712	134,343	135,093	135,238	134,333	134,845
Average sulfur Content (percent).....	4.24	4.90	5.19	5.35	5.45	5.33	5.36	5.49
Natural Gas (cents per million Btu).....	315	473	354	582	639	862	726	741
Average heat value (Btu per cubic foot).....	1,008	1,010	999	1,002	1,002	1,012	1,012	1,021

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Wisconsin								
Sulfur Dioxide								
Coal.....	231 ^R	225	474	215	195	193	185	157
Petroleum.....	14 ^R	18	52	9	21	14	15	15
Natural Gas	*	*	*	*	*	*	*	*
Other Renewables ¹	8 ^R	61 ^R	98 ^R	8 ^R	6 ^R	6 ^R	8 ^R	5
Other ²	3 ^R	*	1 ^R	1				
Total.....	256 ^R	305 ^R	625 ^R	232 ^R	223 ^R	214 ^R	208 ^R	177
Nitrogen Oxide								
Coal.....	111 ^R	117	239	83	78	70	65	58
Petroleum.....	2 ^R	3	6	2	3	2	2	2
Natural Gas	2	7	59	3	2	3	2	2
Other Renewables ¹	4 ^R	26 ^R	45 ^R	5 ^R	6 ^R	6 ^R	7 ^R	7
Other ²	1 ^R	*	*	*	*	*	*	*
Total.....	121 ^R	155 ^R	349 ^R	93 ^R	89 ^R	81 ^R	77 ^R	70
Carbon Dioxide								
Coal.....	46,510	46,177	46,199	45,561	46,495	48,831	43,765	43,806
Petroleum.....	855	930	929	933	1,319	1,332	1,557	1,626
Natural Gas	1,473	1,758	1,547	1,754	1,904	3,704	2,812	3,307
Other ²	71 ^R	170 ^R	164 ^R	176 ^R	139 ^R	103 ^R	117 ^R	103
Total.....	48,909 ^R	49,035 ^R	48,839 ^R	48,424 ^R	49,858 ^R	53,969 ^R	48,251 ^R	48,842

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Wisconsin										
Retail Sales (thousand megawatthours)										
Residential	18,510	20,418	21,575	21,364	21,192	22,458	21,779	22,374	30.8	31.4
Commercial	15,730	18,678	19,144	20,056	19,349	22,501	22,756	23,491	26.2	32.9
Industrial	25,103	25,370	25,534	25,821	27,435	25,376	25,286	25,436	41.8	35.7
Other ¹	751	752	746	NA	NA	NA	NA	NA	1.2	--
All Sectors	60,094	65,218	66,999	67,241	67,976	70,336	69,821	71,301	100.0	100.0
Retail Revenue (million dollars)										
Residential	1,273	1,612	1,765	1,853	1,922	2,171	2,289	2,431	40.6	40.2
Commercial	881	1,185	1,253	1,397	1,401	1,726	1,905	2,047	28.1	33.9
Industrial	933	1,107	1,131	1,217	1,353	1,368	1,480	1,567	29.7	25.9
Other ¹	51	58	60	NA	NA	NA	NA	NA	1.6	--
All Sectors	3,137	3,962	4,209	4,468	4,677	5,264	5,674	6,045	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	6.88	7.90	8.18	8.67	9.07	9.66	10.51	10.87	--	--
Commercial	5.60	6.34	6.54	6.97	7.24	7.67	8.37	8.71	--	--
Industrial	3.72	4.36	4.43	4.71	4.93	5.39	5.85	6.16	--	--
Other ¹	6.77	7.70	8.08	NA	NA	NA	NA	NA	--	--
All Sectors	5.22	6.08	6.28	6.64	6.88	7.48	8.13	8.48	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Wisconsin								
Number of Entities	12	82	NA	24	NA	NA	NA	118
Number of Retail Customers	2,383,876	272,124	NA	253,512	NA	NA	NA	2,909,512
Retail Sales (thousand megawatthours)	59,585	8,079	NA	3,638	NA	NA	NA	71,301
Percentage of Retail Sales	83.57	11.33	--	5.10	--	--	--	100.00
Revenue from Retail Sales (million dollars)	5,078	594	NA	373	NA	NA	NA	6,045
Percentage of Revenue	84.01	9.83	--	6.17	--	--	--	100.00
Average Retail Price (cents/kWh)	8.52	7.35	NA	10.25	NA	NA	NA	8.48

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Wisconsin								
Supply								
Generation								
Electric Utilities.....	48,560	54,959	54,774	56,069	56,142	55,169	51,915	44,284
Independent Power Producers	165	775	351	726	1,348	3,212	6,373	15,406
Combined Heat and Power, Electric	-	568	746	585	407	793	785	1,065
Electric Power Sector Generation Subtotal	48,725	56,303	55,872	57,380	57,897	59,174	59,073	60,756
Combined Heat and Power, Commercial	127	148	147	132	163	164	110	126
Combined Heat and Power, Industrial.....	2,562	2,313	2,413	2,611	2,384	2,487	2,457	2,509
Industrial and Commercial Generation Subtotal	2,689	2,461	2,560	2,742	2,548	2,651	2,567	2,635
Total Net Generation	51,414	58,763	58,431	60,122	60,445	61,825	61,640	63,391
Total International Imports	878	-	-	1	-	*	*	*
Total Supply	52,292	58,763	58,431	60,123	60,445	61,825	61,640	63,391
Disposition								
Retail Sales								
Full Service Providers	60,094	65,218	66,999	67,178	67,905	70,334	69,819	71,301
Facility Direct Retail Sales.....	-	-	-	63	70	2	2	-
Total Electric Industry Retail Sales	60,094	65,218	66,999	67,241	67,976	70,336	69,821	71,301
Direct Use	2,702	2,663	2,721	2,756	2,759	4,087	3,587	3,928
Estimated Losses	4,287	3,146	4,258	3,399^R	4,439	4,104	3,544	4,096
Total Disposition	67,082	71,028	73,979	73,397^R	75,173	78,526	76,952	79,326
Net Interstate Trade	-14,790	-12,264	-15,547	-13,273^R	-14,728	-16,702^R	-15,312	-15,936
Net Trade Index (ratio)	0.78	0.83	0.79	0.82	0.80	0.79	0.80	0.80

R = Revised.

* = 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 *).

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Wyoming		
NERC Region(s).....		WECC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	6,667	39
Electric Utilities.....	6,142	33
Independent Power Producers & Combined Heat and Power.....	525	45
Net Generation (megawatthours).....	45,633,486	34
Electric Utilities.....	43,144,350	26
Independent Power Producers & Combined Heat and Power.....	2,489,136	42
Emissions (thousand metric tons)		
Sulfur Dioxide	83	26
Nitrogen Oxide.....	77	19
Carbon Dioxide.....	45,706	22
Sulfur Dioxide (lbs/MWh)	4.0	22
Nitrogen Oxide (lbs/MWh)	3.7	6
Carbon Dioxide (lbs/MWh).....	2,208	3
Total Retail Sales (megawatthours).....	15,535,552	40
Full Service Provider Sales (megawatthours)	15,535,552	40
Direct Use (megawatthours)	1,033,540	30
Average Retail Price (cents/kWh).....	5.29	50

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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 Power Inc	114
8. Shute Creek Cogeneration Facility.....	Gas	Exxon Mobil Production Co	92
9. Wygen 1.....	Coal	Black Hills Power Inc	70
10. Fremont Canyon	Hydroelectric	U S Bureau of Reclamation	67

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Wyoming						
1. PacifiCorp.....	Investor-Owned	8,522,454	1,023,790	1,428,365	6,070,299	-
2. Powder River Energy Corporation	Cooperative	2,727,304	188,545	1,201,465	1,337,294	-
3. Cheyenne Light Fuel & Power Co	Investor-Owned	965,916	259,817	564,746	141,353	-
4. High Plains Power Inc	Cooperative	894,531	136,907	58,353	699,271	-
5. Lower Valley Energy Inc	Cooperative	608,333	352,678	222,024	33,631	-
Total Sales, Top Five Providers		13,718,538	1,961,737	3,474,953	8,281,848	-
Percent of Total State Sales		88	76	82	95	-

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Wyoming										
Electric Utilities.....	6,044	6,052	6,122	6,088	6,086	6,241	6,137	6,142	98.5	92.1
Coal.....	5,737	5,710	5,692	5,692	5,692	5,817	5,747	5,747	93.5	86.2
Petroleum.....	10	5	5	5	5	-	-	5	0.2	0.1
Natural Gas	-	34	119	85	80	113	79	79	-	1.2
Hydroelectric	297	297	300	300	303	303	303	303	4.8	4.5
Other Renewables ¹	-	6	6	6	6	9	9	9	-	0.1
Independent Power Producers and Combined Heat and Power	91	271	226	474	473	465	569	525	1.5	7.9
Coal.....	28	30	30	100	100	30	100	100	0.5	1.5
Petroleum.....	-	7	4	4	2	6	6	2	-	*
Natural Gas	50	99	58	92	81	47	81	41	0.8	0.6
Other Gases ²	3	-	-	-	-	92	92	92	0.1	1.4
Other Renewables ¹	-	135	135	279	279	279	279	279	-	4.2
Other ³	11	-	-	-	12	12	12	12	0.2	0.2
Total Electric Industry.....	6,136	6,323	6,348	6,562	6,558	6,707	6,707	6,667	100.0	100.0
Coal.....	5,765	5,740	5,722	5,792	5,792	5,847	5,847	5,847	94.0	87.7
Petroleum.....	10	12	8	8	6	6	6	7	0.2	0.1
Natural Gas	50	133	177	177	161	160	160	120	0.8	1.8
Other Gases ²	3	-	-	-	-	92	92	92	0.1	1.4
Hydroelectric	297	297	300	300	303	303	303	303	4.8	4.5
Other Renewables ¹	-	141	141	285	285	287	287	287	-	4.3
Other ³	11	-	-	-	12	12	12	12	0.2	0.2

¹ Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Wyoming										
Electric Utilities.....	40,765,087	43,764,015	42,532,420	42,261,405	43,059,537	44,031,568	42,905,244	43,144,350	98.4	94.5
Coal.....	39,315,335	42,560,578	41,685,278	41,490,825	42,372,775	43,112,061	41,948,761	42,204,359	94.9	92.5
Petroleum.....	58,765	33,744	38,686	41,567	43,450	40,311	44,240	46,116	0.1	0.1
Natural Gas.....	10,274	274,383	205,791	119,729	35,207	55,805	48,492	147,571	*	0.3
Hydroelectric.....	1,380,713	879,111	583,615	593,555	593,147	808,375	843,316	729,424	3.3	1.6
Other Renewables ¹	-	16,199	19,050	15,729	14,958	15,016	20,435	16,880	-	*
Independent Power Producers and Combined Heat and Power.....	644,475	1,012,923	1,251,419	1,365,197	1,748,067^R	1,535,739	2,495,126	2,489,136	1.6	5.5
Coal.....	184,458	228,732	237,883	850,627	972,965 ^R	233,615 ^R	943,066 ^R	922,450	0.4	2.0
Petroleum.....	4,716	2,352	1,418	3,354	2,409 ^R	1,994 ^R	1,697 ^R	1,106	*	*
Natural Gas.....	375,288	317,459	507,289	160,467	51,690 ^R	269,176 ^R	452,778 ^R	446,455	0.9	1.0
Other Gases ²	7,124	7,511	-	-	12,746	263,586	309,927	312,091	*	0.7
Other Renewables ¹	-	348,960	428,280	350,749	601,557	702,248	738,626	738,001	-	1.6
Other ³	72,889	107,909	76,549	-	106,700	65,120	49,032 ^R	69,034	0.2	0.2
Total Electric Industry.....	41,409,562	44,776,938	43,783,839	43,626,602	44,807,604^R	45,567,307	45,400,370	45,633,486	100.0	100.0
Coal.....	39,499,793	42,789,310	41,923,161	42,341,452	43,345,740 ^R	43,345,676 ^R	42,891,827 ^R	43,126,809	95.4	94.5
Petroleum.....	63,481	36,096	40,104	44,921	45,859 ^R	42,305 ^R	45,937 ^R	47,222	0.2	0.1
Natural Gas.....	385,562	591,842	713,080	280,196	86,897 ^R	324,981 ^R	501,270 ^R	594,026	0.9	1.3
Other Gases ²	7,124	7,511	-	-	12,746	263,586	309,927	312,091	*	0.7
Hydroelectric.....	1,380,713	879,111	583,615	593,555	593,147	808,375	843,316	729,424	3.3	1.6
Other Renewables ¹	-	365,159	447,330	366,478	616,515	717,264	759,061	754,881	-	1.7
Other ³	72,889	107,909	76,549	-	106,700	65,120	49,032 ^R	69,034	0.2	0.2

¹ Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

² Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Wyoming								
Coal (cents per million Btu)	81	77	79	82	87	95	W	W
Average heat value (Btu per pound).....	8,787	8,880	8,759	8,826	8,826	8,814	8,708	8,684
Average sulfur Content (percent)	0.54	0.48	0.49	0.49	0.48	0.49	0.51	0.49
Petroleum (cents per million Btu).....	517	707	553	714	950	1,317	1,628	1,772
Average heat value (Btu per gallon).....	138,821	146,905	139,448	139,593	139,338	139,638	139,333	139,448
Average sulfur Content (percent)	0.32	0.31	0.31	0.30	0.31	0.30	0.32	0.31
Natural Gas (cents per million Btu).....	876	382	W	W	341	553	W	W
Average heat value (Btu per cubic foot).....	1,041	960	854	997	1,060	1,048	983	988

Btu = British thermal unit.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Wyoming								
Sulfur Dioxide								
Coal.....	98 ^R	86	93	84	84	87	84	83
Petroleum.....	1 ^R	21	16	*	*	*	*	*
Natural Gas	*	*	*	*	* ^R	*	*	*
Other Gases.....	-	*	-	-	-	-	*	*
Other ¹	-	-	*	-	-	-	-	-
Total.....	98 ^R	107 ^R	109 ^R	84 ^R	85 ^R	88 ^R	84 ^R	83
Nitrogen Oxide								
Coal.....	91 ^R	79	96	79	86	82	78	73
Petroleum.....	*	5	5	*	*	*	*	*
Natural Gas	1	41	72	*	*	*	1	1
Other Gases.....	*	18 ^R	-	-	*	*	2 ^R	2
Other ¹	*	-	4 ^R	-	-	*	*	*
Total.....	93 ^R	143 ^R	177 ^R	79 ^R	86 ^R	82 ^R	82 ^R	77
Carbon Dioxide								
Coal.....	41,020	45,107	44,046	45,128	45,757	44,971	44,688	45,117
Petroleum.....	113	68	40	39	77	70	69	55
Natural Gas	265	396	427	174	164	390	458	533
Total.....	41,398 ^R	45,571 ^R	44,514 ^R	45,341 ^R	45,998 ^R	45,431 ^R	45,216 ^R	45,706

¹ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Wyoming										
Retail Sales (thousand megawatthours)										
Residential	2,007	2,146	2,232	2,286	2,262	2,377	2,468	2,592	17.0	16.7
Commercial	2,394	2,915	3,027	3,282	3,393	3,754	4,117	4,214	20.3	27.1
Industrial	7,211	7,700	7,453	7,685	7,884	8,007	8,362	8,730	61.2	56.2
Other ¹	174	189	162	NA	NA	NA	NA	NA	1.5	--
All Sectors	11,786	12,950	12,874	13,254	13,540	14,138	14,947	15,536	100.0	100.0
Retail Revenue (million dollars)										
Residential	125	145	156	161	163	178	191	201	24.5	24.4
Commercial	126	158	173	189	203	232	258	263	24.7	32.0
Industrial	250	264	264	281	308	319	338	358	48.8	43.6
Other ¹	10	10	10	NA	NA	NA	NA	NA	2.0	--
All Sectors	511	577	602	630	674	729	788	823	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	6.22	6.77	6.97	7.04	7.21	7.48	7.75	7.75	--	--
Commercial	5.27	5.41	5.71	5.74	5.98	6.17	6.28	6.25	--	--
Industrial	3.46	3.43	3.55	3.65	3.91	3.99	4.04	4.10	--	--
Other ¹	5.84	5.07	5.93	NA	NA	NA	NA	NA	--	--
All Sectors	4.33	4.46	4.68	4.76	4.98	5.16	5.27	5.29	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Wyoming								
Number of Entities	5	13	1	16	NA	NA	NA	35
Number of Retail Customers	186,925	32,236	6	94,127	NA	NA	NA	313,294
Retail Sales (thousand megawatthours)	9,950	618	33	4,935	NA	NA	NA	15,536
Percentage of Retail Sales	64.05	3.98	0.21	31.77	--	--	--	100.00
Revenue from Retail Sales (million dollars)	520	41	1	261	NA	NA	NA	823
Percentage of Revenue	63.18	5.03	0.07	31.72	--	--	--	100.00
Average Retail Price (cents/kWh)	5.22	6.69	1.68	5.29	NA	NA	NA	5.29

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Wyoming								
Supply								
Generation								
Electric Utilities	40,765	43,764	42,532	42,261	43,060	44,032	42,905	43,144
Independent Power Producers	-	349	576	1,052	1,350	702	1,484	1,465
Electric Power Sector Generation Subtotal	40,765	44,113	43,108	43,314	44,410	44,734	44,389	44,610
Combined Heat and Power, Industrial	644	664	676	313	398	833	1,012	1,024
Industrial and Commercial Generation Subtotal	644	664	676	313	398	833	1,012	1,024
Total Net Generation	41,410	44,777	43,784	43,627	44,808	45,567	45,400	45,633
Total International Imports	-	-	21	29	19	48	28	32
Total Supply	41,410	44,777	43,805	43,655	44,827	45,615	45,428	45,666
Disposition								
Retail Sales								
Full Service Providers	11,786	12,950	12,874	13,251	13,540	14,138	14,947	15,536
Facility Direct Retail Sales	-	-	-	3	-	-	-	-
Total Electric Industry Retail Sales	11,786	12,950	12,874	13,254	13,540	14,138	14,947	15,536
Direct Use	644	639	653	662	662	350	1,217	1,034
Total International Exports	-	-	-	-	75	145	75	87
Estimated Losses	841	823	958	791	1,004	1,110	1,224	1,212
Total Disposition	13,271	14,412	14,485	14,706^R	15,282	15,743	17,462	17,868
Net Interstate Trade	28,138	30,365	29,320	28,949	29,545	29,872	27,966	27,798
Net Trade Index (ratio)	3.12	3.11	3.02	2.97	2.93	2.90	2.60	2.56

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 1. 2007 Summary Statistics

Item	Value	Highest	Lowest
United States			
Primary Energy Source	Coal		
Net Summer Capacity (megawatts)	994,888	Texas	District of Columbia
Electric Utilities	571,200	Florida	Rhode Island
Independent Power Producers & Combined Heat and Power.....	423,688	Texas	Nebraska
Net Generation (megawatthours)	4,156,744,724	Texas	District of Columbia
Electric Utilities	2,504,130,899	Florida	New Jersey
Independent Power Producers & Combined Heat and Power.....	1,652,613,825	Texas	Nebraska
Emissions (thousand metric tons)			
Sulfur Dioxide	9,042	Ohio	Vermont
Nitrogen Oxide	3,650	Texas	District of Columbia
Carbon Dioxide.....	2,516,580	Texas	Vermont
Sulfur Dioxide (lbs/MWh)	4.8	Ohio	Vermont
Nitrogen Oxide (lbs/MWh)	1.9	Alaska	Vermont
Carbon Dioxide (lbs/MWh).....	1,335	District of Columbia	Vermont
Total Retail Sales (megawatthours)	3,764,560,712	Texas	Vermont
Full Service Provider Sales (megawatthours)	3,482,022,697	Texas	Maine
Deregulated Sales (megawatthours)	282,538,015	New York	Virginia
Direct Use (megawatthours)	159,253,522	Texas	District of Columbia
Average Retail Price (cents/kWh)	9.13	Hawaii	Idaho

MWh = Megawatthours.

kWh = Kilowatthours.

Sources: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2007

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	3,872
3. Martin	Gas	Florida Power & Light Co	3,814
4. W A Parish.....	Coal	NRG Texas LLC	3,651
5. Scherer	Coal	Georgia Power Co	3,405
6. Turkey Point	Nuclear	Florida Power & Light Co	3,330
7. Browns Ferry	Nuclear	Tennessee Valley Authority	3,274
8. Bowen.....	Coal	Georgia Power Co	3,254
9. Crystal River.....	Coal	Progress Energy Florida Inc	3,148
10. Gibson.....	Coal	Duke Energy Indiana Inc	3,131

MW = Megawatt.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
United States						
1. Florida Power & Light Co.....	Investor-Owned	105,274,631	55,065,086	46,348,790	3,769,435	91,320
2. Georgia Power Co.....	Investor-Owned	86,084,305	26,840,275	33,574,751	25,490,036	179,243
3. Virginia Electric & Power Co.....	Investor-Owned	79,892,176	30,452,045	39,174,024	10,073,425	192,682
4. Southern California Edison Co.....	Investor-Owned	79,505,231	29,824,161	40,959,706	8,656,853	64,511
5. Pacific Gas & Electric Co.....	Investor-Owned	79,450,903	30,748,883	37,179,519	11,522,501	-
Total Sales, Top Five Providers.....		430,207,246	172,930,450	197,236,790	59,512,250	527,756
Percent of Total State Sales.....		11	12	15	6	6

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
United States										
Electric Utilities.....	711,889	549,920	561,074	547,249	550,550	556,235	567,523	571,200	91.4	57.4
Coal.....	302,866	244,451	244,056	236,473	235,976	229,705	230,644	231,289	38.9	23.2
Petroleum.....	69,557	38,456	33,876	32,570	31,415	30,867	30,419	29,115	8.9	2.9
Natural Gas.....	141,713	112,841	127,692	125,612	131,734	147,752	157,742	162,756	18.2	16.4
Other Gases ¹	206	57	61	61	58	-	104	104	*	*
Nuclear.....	99,716	63,060	63,202	60,964	60,651	56,564	56,143	54,211	12.8	5.4
Hydroelectric.....	76,177	72,968	73,391	72,827	71,696	71,568	71,840	72,186	9.8	7.3
Other Renewables ²	2,123	979	989 ^R	925	960	1,545	2,291	2,806	0.3	0.3
Pumped Storage.....	19,310	17,097	17,807	17,803	18,048	18,195	18,301	18,693	2.5	1.9
Other ³	222	13	-	13	13	39	39	39	*	*
Independent Power Producers and Combined Heat and Power.....	66,760	298,334	344,227	401,198	412,392	421,785	418,692	423,688	8.6	42.6
Coal.....	10,758	69,780	71,294	76,546	77,044	83,675	82,312	81,449	1.4	8.2
Petroleum.....	2,906	27,706	25,775	28,160	27,704	27,681	27,679	26,952	0.4	2.7
Natural Gas.....	34,757	139,992	184,820	229,829	239,277	235,309	230,552	230,120	4.5	23.1
Other Gases ¹	1,320	1,614	1,947	1,933	2,238	2,063	2,152	2,209	0.2	0.2
Nuclear.....	-	35,099	35,455	38,244	38,978	43,424	44,190	46,055	-	4.6
Hydroelectric.....	3,237	5,948	5,965	5,867	5,945	5,973	5,981	5,698	0.4	0.6
Other Renewables ²	13,229	15,123	15,721 ^R	17,228	17,756	19,660	21,822	27,263	1.7	2.7
Pumped Storage.....	-	2,567	2,564	2,719	2,717	3,152	3,160	3,193	-	0.3
Other ³	552	506	686	671	733	848	843	749	0.1	0.1
Total Electric Industry.....	778,649	848,254	905,301	948,446	962,942	978,020	986,215	994,888	100.0	100.0
Coal.....	313,624	314,230	315,350	313,019	313,020	313,380	312,956	312,738	40.3	31.4
Petroleum.....	72,463	66,162	59,651	60,730	59,119	58,548	58,097	56,068	9.3	5.6
Natural Gas.....	176,471	252,832	312,512	355,442	371,011	383,061	388,294	392,876	22.7	39.5
Other Gases ¹	1,525	1,670	2,008	1,994	2,296	2,063	2,256	2,313	0.2	0.2
Nuclear.....	99,716	98,159	98,657	99,209	99,628	99,988	100,334	100,266	12.8	10.1
Hydroelectric.....	79,415	78,916	79,356	78,694	77,641	77,541	77,821	77,885	10.2	7.8
Other Renewables ²	15,351	16,101	16,710	18,153	18,717	21,205	24,113	30,069	2.0	3.0
Pumped Storage.....	19,310	19,664	20,371	20,522	20,764	21,347	21,461	21,886	2.5	2.2
Other ³	774	519	686	684	746	887	882	788	0.1	0.1

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
United States										
Electric Utilities.....	3,122,523,144	2,629,945,673	2,549,457,170	2,462,280,615	2,505,231,152	2,474,845,558	2,483,655,548	2,504,130,899	89.4	60.2
Coal.....	1,787,806,344	1,560,145,542	1,514,669,950	1,500,281,112	1,513,640,806	1,484,855,188	1,471,421,060	1,490,984,698	51.2	35.9
Petroleum.....	77,752,652	78,907,846	59,124,871	69,930,457	73,693,695	69,722,196	40,902,849	40,719,414	2.2	1.0
Natural Gas.....	283,624,806	264,433,673	229,639,287	186,966,798	199,662,043	238,203,738	282,088,323	313,785,128	8.1	7.5
Other Gases ¹	-	-	206,469	242,655	374,012	9,810	30,300	141,031	-	*
Nuclear.....	628,644,171	534,207,221	507,379,828	458,828,821	475,682,277	436,296,037	425,341,428	427,555,339	18.0	10.3
Hydroelectric.....	341,273,443	197,803,985	242,302,069	249,621,997	245,545,963	245,553,417	261,863,602	226,733,688	9.8	5.5
Other Renewables ²	7,461,633	1,665,739	3,088,677	3,421,334	3,691,830	4,945,386	6,588,379	8,953,385	0.2	0.2
Pumped Storage.....	-4,039,905	-7,704,482	-7,433,807	-7,531,885	-7,526,206	-5,383,451	-5,280,767	-5,327,595	-0.1	-0.1
Other ³	-	486,149	479,826	519,327	466,733	643,237	700,374	585,811	-	*
Independent Power Producers and Combined Heat and Power.....	369,649,139	1,106,697,980	1,308,995,082	1,420,904,589	1,465,324,111^R	1,580,577,191	1,581,046,679	1,652,613,825	10.6	39.8
Coal.....	57,209,392	343,810,401	418,460,404	473,455,638	464,659,744 ^R	528,017,858 ^R	519,090,075 ^R	525,470,885	1.6	12.6
Petroleum.....	14,802,221	45,972,376	35,442,523	49,475,184	47,451,362 ^R	52,502,821 ^R	23,263,565 ^R	25,019,564	0.4	0.6
Natural Gas.....	195,773,864	374,695,447	461,366,459	462,940,744	510,437,974 ^R	522,756,516 ^R	534,352,447 ^R	582,804,663	5.6	14.0
Other Gases ¹	13,350,634	9,039,473	11,256,216	15,357,365	14,878,419 ^R	13,454,334 ^R	14,146,508 ^R	13,312,323	0.4	0.3
Nuclear.....	-	234,619,087	272,684,259	304,903,874	312,846,110	345,690,328	361,877,208	378,869,414	-	9.1
Hydroelectric.....	15,179,852	19,157,059	22,026,763	26,184,330	22,871,346 ^R	24,767,838	27,382,814	20,776,286	0.4	0.5
Other Renewables ²	69,721,186	69,102,907	76,020,495	76,065,455	79,375,493 ^R	82,384,012 ^R	89,937,113 ^R	96,284,126	2.0	2.3
Pumped Storage.....	-	-1,118,963	-1,309,121	-1,003,180	-962,004	-1,174,337	-1,277,075	-1,568,757	-	*
Other ³	3,611,990	11,420,193	13,047,085	13,525,180	13,765,668 ^R	12,177,822 ^R	12,274,025 ^R	11,645,320	0.1	0.3
Total Electric Industry.....	3,492,172,283	3,736,643,653	3,858,452,252	3,883,185,204	3,970,555,263^R	4,055,422,750	4,064,702,227	4,156,744,724	100.0	100.0
Coal.....	1,845,015,736	1,903,955,943	1,933,130,354	1,973,736,750	1,978,300,549 ^R	2,012,873,046 ^R	1,990,511,135 ^R	2,016,455,584	52.8	48.5
Petroleum.....	92,554,873	124,880,222	94,567,394	119,405,641	121,145,057 ^R	122,225,017 ^R	64,166,414 ^R	65,738,978	2.7	1.6
Natural Gas.....	479,398,670	639,129,120	691,005,746	649,907,542	710,100,017 ^R	760,960,254 ^R	816,440,770 ^R	896,589,791	13.7	21.6
Other Gases ¹	13,350,634	9,039,473	11,462,685	15,600,020	15,252,431 ^R	13,464,144 ^R	14,176,808 ^R	13,453,354	0.4	0.3
Nuclear.....	628,644,171	768,826,308	780,064,087	763,732,695	788,528,387	781,986,365	787,218,636	806,424,753	18.0	19.4
Hydroelectric.....	356,453,295	216,961,044	264,328,832	275,806,327	268,417,308	270,321,255	289,246,416	247,509,974	10.2	6.0
Other Renewables ²	77,182,819	70,768,646	79,109,172	79,486,789	83,067,323 ^R	87,329,398 ^R	96,525,493 ^R	105,237,511	2.2	2.5
Pumped Storage.....	-4,039,905	-8,823,445	-8,742,928	-8,535,065	-8,488,210	-6,557,788	-6,557,842	-6,896,352	-0.1	-0.2
Other ³	3,611,990	11,906,342	13,526,911	14,044,507	14,232,402 ^R	12,821,059 ^R	12,974,399 ^R	12,231,131	0.1	0.3

¹ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

² Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

³ Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

- (dash) = Data not available.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Coal (cents per million Btu)	127	123	125	128	136	154	169	177
Average heat value (Btu per pound).....	10,275	10,200	10,168	10,137	10,074	10,107	10,063	10,028
Average sulfur Content (percent)	1.11	0.89	0.94	0.97	0.97	0.98	0.97	0.96
Petroleum (cents per million Btu).....	273	369	334	433	429	644	623	717
Average heat value (Btu per gallon).....	149,838	147,857	147,902	147,086	147,286	146,481	143,883	144,545
Average sulfur Content (percent)	1.37	1.42	1.64	1.53	1.66	1.61	2.31	2.10
Natural Gas (cents per million Btu).....	276	449	356	539	596	821	694	711
Average heat value (Btu per cubic foot).....	1,019	1,020	1,025	1,030	1,027	1,028	1,027	1,027

Btu = British thermal unit.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
United States								
Sulfur Dioxide								
Coal.....	12,211 ^R	9,905	9,786	9,688	9,437	9,499	8,867	8,389
Petroleum.....	965 ^R	1,002	773	717	633	588 ^R	427	422
Natural Gas.....	1 ^R	2	2	2	2	2	2	4
Other Gases.....	*	*	*	*	*	*	*	*
Other Renewables ¹	259 ^R	261 ^R	301 ^R	225 ^R	223 ^R	237 ^R	214 ^R	213
Other ²	43 ^R	4 ^R	19 ^R	13 ^R	13 ^R	14 ^R	13 ^R	13
Total.....	13,480 ^R	11,174 ^R	10,882 ^R	10,646 ^R	10,309 ^R	10,340 ^R	9,524 ^R	9,042
Nitrogen Oxide								
Coal.....	5,322 ^R	4,096	4,057	3,607	3,286	3,135	2,996	2,870
Petroleum.....	326 ^R	294	225	240	225	221	164	157
Natural Gas.....	619 ^R	631	625	453	416	383	399	382
Other Gases.....	19 ^R	49 ^R	42 ^R	44 ^R	31 ^R	33 ^R	45 ^R	44
Other Renewables ¹	142 ^R	189 ^R	207 ^R	160 ^R	159 ^R	163 ^R	166 ^R	168
Other ²	73 ^R	30 ^R	39 ^R	28 ^R	27 ^R	26 ^R	30 ^R	30
Total.....	6,500 ^R	5,290 ^R	5,194 ^R	4,532 ^R	4,143 ^R	3,961 ^R	3,799 ^R	3,650
Carbon Dioxide								
Coal.....	1,834,871	1,895,181	1,912,656	1,947,172	1,962,742	2,001,237	1,974,057	2,002,351
Petroleum.....	92,618	116,084	90,208	110,955	114,653	115,944	67,326	67,112
Natural Gas.....	291,673	365,311	377,055 ^R	343,394	365,205	381,927	403,024	432,363
Geothermal.....	370 ^R	349 ^R	369 ^R	367 ^R	377 ^R	374 ^R	371 ^R	372
Other ²	13,176 ^R	12,821 ^R	14,759 ^R	13,793 ^R	13,956 ^R	14,128 ^R	15,023 ^R	14,382
Total.....	2,232,709 ^R	2,389,745 ^R	2,395,048 ^R	2,415,680 ^R	2,456,934 ^R	2,513,609 ^R	2,459,800 ^R	2,516,580

¹ Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.² Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

* = 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 *).

Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
United States										
Retail Sales (thousand megawatthours)										
Residential	1,075,880	1,201,607	1,265,180	1,275,824	1,291,982	1,359,227	1,351,520	1,392,241	34.2	37.0
Commercial	928,633	1,083,069	1,104,497	1,198,728	1,230,425	1,275,079	1,299,744	1,336,315	29.5	35.5
Industrial	1,038,197	996,609	990,238	1,012,373	1,017,850	1,019,156	1,011,298	1,027,832	33.0	27.3
Other ¹	102,901	113,174	105,552	NA	NA	NA	NA	NA	3.3	--
Transportation.....	NA	NA	NA	6,810	7,224	7,506	7,358	8,173	--	0.2
All Sectors	3,145,610	3,394,458	3,465,466	3,493,734	3,547,479	3,660,969	3,669,919	3,764,561	100.0	100.0
Retail Revenue (million dollars).....										
Residential	90,704	103,158	106,834	111,249	115,577	128,393	140,582	148,295	42.1	43.1
Commercial	70,497	85,741	87,117	96,263	100,546	110,522	122,914	128,903	32.7	37.5
Industrial	47,023	50,293	48,336	51,741	53,477	58,445	62,308	65,712	21.8	19.1
Other ¹	7,110	8,151	7,124	NA	NA	NA	NA	NA	3.3	--
Transportation.....	NA	NA	NA	514	519	643	702	792	--	0.2
All Sectors	215,334	247,343	249,411	259,767	270,119	298,003	326,506	343,703	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	8.43	8.58	8.44	8.72	8.95	9.45	10.40	10.65	--	--
Commercial	7.59	7.92	7.89	8.03	8.17	8.67	9.46	9.65	--	--
Industrial	4.53	5.05	4.88	5.11	5.25	5.73	6.16	6.39	--	--
Other ¹	6.91	7.20	6.75	NA	NA	NA	NA	NA	--	--
Transportation.....	NA	NA	NA	7.54	7.18	8.57	9.54	9.70	--	--
All Sectors	6.85	7.29	7.20	7.44	7.61	8.14	8.90	9.13	--	--

¹ Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
United States								
Number of Entities.....	210	2,009	9	883	55	107	62	3,381
Number of Retail Customers	100,767,428	20,585,566	39,886	17,926,981	2,124	2,799,667	NA	142,121,652
Retail Sales (thousand megawatthours).....	2,479,130	561,163	41,529	386,196	14,004	282,538	NA	3,764,561
Percentage of Retail Sales	65.85	14.91	1.10	10.26	0.37	7.51	--	100.00
Revenue from Retail Sales (million dollars)	230,592	45,774	1,638	33,540	983	22,854	8,322	343,703
Percentage of Revenue	67.09	13.32	0.48	9.76	0.29	6.65	2.42	100.00
Average Retail Price (cents/kWh).....	9.30	8.16	3.94	8.68	7.02	8.09	2.95	9.13

kWh = Kilowatthours.

NA = Not available.

-- = Not applicable.

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

Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
United States								
Supply								
Generation								
Electric Utilities.....	3,122,523	2,629,946	2,549,457	2,462,281	2,505,231	2,474,846	2,483,656	2,504,131
Independent Power Producers	58,741	780,592	955,331	1,063,205	1,118,870	1,246,971	1,259,062	1,323,856
Combined Heat and Power, Electric	148,111	169,515	193,670	195,674	184,259	180,375	165,359	177,356
Electric Power Sector Generation Subtotal	3,329,375	3,580,053	3,698,458	3,721,159	3,808,360	3,902,192	3,908,077	4,005,343
Combined Heat and Power, Commercial	8,701	7,416	7,415	7,496	8,270	8,492	8,371	8,273
Combined Heat and Power, Industrial.....	154,097	149,175	152,580	154,530	153,925	144,739	148,254	143,128
Industrial and Commercial Generation Subtotal.....	162,797	156,591	159,994	162,026	162,195	153,231	156,625	151,401
Total Net Generation.....	3,492,172	3,736,644	3,858,452	3,883,185	3,970,555	4,055,423	4,064,702	4,156,745
Total International Imports.....	43,031	38,500	36,779	30,395^R	34,210	44,527^R	42,691	51,396
Total Supply	3,535,204	3,775,144	3,895,231	3,913,580^R	4,004,765	4,099,950	4,107,394	4,208,140
Disposition								
Retail Sales								
Full Service Providers	3,139,761	3,296,663	3,324,093	3,285,249	3,317,635	3,412,721	3,438,337	3,468,018
Energy-Only Providers.....	5,849	97,796	141,373	188,785	222,027	237,055	219,185	282,538
Facility Direct Retail Sales.....	-	-	-	19,700	7,817	11,193	12,397	14,004
Total Electric Industry Retail Sales.....	3,145,610	3,394,458	3,465,466	3,493,734	3,547,479	3,660,969	3,669,919	3,764,561
Direct Use	156,239	162,649	166,184	168,295	168,470	150,016	146,927	159,254
Total International Exports.....	8,974	16,473	15,796	23,975^R	22,898	19,791^R	24,271	20,144
Estimated Losses.....	224,380	201,564	247,785	227,576^R	265,918	269,175^R	266,277	264,183
Total Disposition	3,535,204	3,775,144	3,895,231	3,913,580^R	4,004,765	4,099,950	4,107,394	4,208,140

R = Revised.

- (dash) = Data not available.

Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. 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.

Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table A1. Selected Electric Industry Summary Statistics by State, 2007

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	30,614	9	143,826,271	9	449	6	121	9	87,345	9
Alaska.....	Gas	1,961	48	6,821,392	48	4	48	17	42	4,302	46
Arizona.....	Coal	25,579	15	113,340,970	13	51	31	79	17	55,779	16
Arkansas.....	Coal	15,296	26	54,596,236	26	82	27	41	33	29,852	32
California.....	Gas	63,813	2	210,847,581	4	23	39	89	14	62,780	14
Colorado.....	Coal	12,288	31	53,907,492	28	59	30	67	22	42,990	24
Connecticut.....	Nuclear	7,725	35	33,171,209	37	5	47	8	46	10,362	41
Delaware.....	Coal	3,357	44	8,534,163	46	34	35	13	43	7,224	43
District of Columbia.....	Petroleum	806	51	75,251	51	*	50	*	51	85	50
Florida.....	Gas	55,451	3	225,416,060	3	322	11	203	3	127,662	4
Georgia.....	Coal	36,472	7	145,155,158	8	682	3	125	8	95,249	7
Hawaii.....	Petroleum	2,436	47	11,533,350	44	22	40	23	37	8,934	42
Idaho.....	Hydroelectric	3,196	45	11,484,091	45	7	46	4	48	1,274	49
Illinois.....	Nuclear	42,731	5	200,260,681	5	302	12	120	10	104,620	6
Indiana.....	Coal	27,021	13	130,637,999	10	662	4	195	4	121,725	5
Iowa.....	Coal	12,287	32	49,789,217	32	136	19	58	29	43,859	23
Kansas.....	Coal	11,241	33	50,122,196	30	105	23	64	25	38,927	26
Kentucky.....	Coal	19,968	20	97,225,319	16	348	10	161	6	92,320	8
Louisiana.....	Gas	26,323	14	92,578,329	19	105	22	88	15	54,290	17
Maine.....	Gas	4,213	43	16,128,567	43	21	41	10	44	5,566	45
Maryland.....	Coal	12,486	30	50,197,924	29	267	13	55	30	31,165	31
Massachusetts.....	Gas	13,557	27	47,075,975	33	51	32	20	39	25,539	34
Michigan.....	Coal	30,305	10	119,309,936	12	353	8	117	11	79,090	11
Minnesota.....	Coal	12,890	29	54,477,646	27	89	25	84	16	37,706	28
Mississippi.....	Gas	16,204	24	50,043,686	31	75	28	49	31	27,764	33
Missouri.....	Coal	20,558	19	91,153,081	20	258	14	100	12	77,131	13
Montana.....	Coal	5,479	40	28,931,493	41	24	37	40	34	20,013	37
Nebraska.....	Coal	6,971	38	32,442,699	39	63	29	39	35	20,646	35
Nevada.....	Gas	9,954	34	32,669,736	38	8	45	29	36	16,778	38
New Hampshire.....	Nuclear	4,280	42	23,277,171	42	39	34	7	47	6,849	44
New Jersey.....	Nuclear	18,352	22	62,671,245	24	46	33	21	38	20,585	36
New Mexico.....	Coal	7,202	36	35,985,333	36	24	38	66	24	31,452	30
New York.....	Gas	39,121	6	145,878,687	7	123	21	60	28	53,262	18
North Carolina.....	Coal	27,644	12	130,115,301	11	365	7	61	27	78,533	12
North Dakota.....	Coal	5,091	41	31,224,105	40	125	20	66	23	31,985	29
Ohio.....	Coal	33,755	8	155,155,545	6	958	1	227	2	130,407	2
Oklahoma.....	Coal	19,962	21	72,819,095	22	104	24	78	18	51,389	19
Oregon.....	Hydroelectric	13,209	28	55,077,794	25	16	42	17	41	10,559	40
Pennsylvania.....	Coal	45,106	4	226,088,340	2	889	2	183	5	127,888	3
Rhode Island.....	Gas	1,782	49	7,049,844	47	1	49	3	49	2,946	48
South Carolina.....	Nuclear	23,566	16	103,402,142	15	173	18	46	32	42,107	25
South Dakota.....	Hydroelectric	2,870	46	6,136,605	49	9	44	10	45	3,020	47
Tennessee.....	Coal	20,861	18	95,113,409	17	247	15	98	13	60,837	15
Texas.....	Gas	101,938	1	405,492,296	1	468	5	247	1	255,092	1
Utah.....	Coal	7,122	37	45,372,575	35	25	36	70	21	38,486	27
Vermont.....	Nuclear	1,111	50	5,823,582	50	*	51	*	50	10	51
Virginia.....	Coal	22,992	17	78,360,507	21	197	16	64	26	46,722	21
Washington.....	Hydroelectric	28,615	11	106,990,217	14	10	43	19	40	12,652	39
West Virginia.....	Coal	16,099	25	93,933,109	18	353	9	139	7	86,274	10
Wisconsin.....	Coal	16,365	23	63,390,630	23	177	17	70	20	48,842	20
Wyoming.....	Coal	6,667	39	45,633,486	34	83	26	77	19	45,706	22
United States.....	Coal	994,888	-	4,156,744,724	-	9,042	-	3,650	-	2,516,580	-

MWh = Megawatthours.

MW = Megawatt.

* = 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 *).

- (dash) = Data not available.

Table A1. Selected Electric Industry Summary Statistics by State, 2007 (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.....	91,828,464	15	91,828,464	13	-	-	4,642,979	8	7.57	29
Alaska.....	6,326,610	50	6,326,610	48	-	-	267,472	43	13.28	7
Arizona.....	77,193,206	21	77,193,206	20	-	-	1,874,487	19	8.54	19
Arkansas.....	47,054,891	30	47,054,891	27	-	-	1,995,012	17	6.96	38
California.....	264,234,911	2	244,616,451	2	19,618,460	5	16,818,049	3	12.80	10
Colorado.....	51,299,156	27	51,299,156	25	-	-	609,874	38	7.76	28
Connecticut.....	34,129,107	35	24,114,358	37	10,014,749	10	793,438	33	16.45	2
Delaware.....	11,868,810	44	7,827,659	46	4,041,151	13	910,176	32	11.35	14
District of Columbia.....	12,110,185	42	4,180,975	50	7,929,210	11	0	50	11.79	12
Florida.....	231,084,600	3	231,084,600	3	-	-	5,567,606	6	10.33	15
Georgia.....	137,453,878	8	137,453,878	6	-	-	6,764,498	5	7.86	26
Hawaii.....	10,585,299	48	10,585,299	44	-	-	342,290	41	21.29	1
Idaho.....	23,755,186	38	23,755,186	38	-	-	663,231	35	5.07	51
Illinois.....	146,055,151	7	84,608,326	16	61,446,825	2	5,088,930	7	8.46	22
Indiana.....	109,420,150	11	109,420,150	9	-	-	7,372,168	4	6.50	43
Iowa.....	45,269,523	31	45,269,523	29	-	-	1,679,685	21	6.83	41
Kansas.....	40,165,977	32	40,165,977	30	-	-	8,684	49	6.84	40
Kentucky.....	92,404,100	14	92,404,100	12	-	-	477,076	40	5.84	48
Louisiana.....	79,566,937	20	79,566,937	19	-	-	23,489,653	2	8.39	23
Maine.....	11,860,202	45	158,545	51	11,701,657	8	3,973,576	9	14.59	5
Maryland.....	65,390,660	24	38,466,614	31	26,924,046	3	1,344,858	27	11.50	13
Massachusetts.....	57,138,822	25	33,297,614	34	23,841,208	4	1,388,251	26	15.16	4
Michigan.....	109,296,749	12	105,004,056	11	4,292,693	12	2,906,899	13	8.53	20
Minnesota.....	68,231,182	23	68,231,182	22	-	-	1,596,657	23	7.44	30
Mississippi.....	48,153,181	29	48,153,181	26	-	-	1,970,213	18	8.03	24
Missouri.....	85,532,850	17	85,532,850	15	-	-	327,814	42	6.56	42
Montana.....	15,531,985	41	12,831,967	41	2,700,018	14	201,320	44	7.13	34
Nebraska.....	28,248,400	36	28,248,400	35	-	-	45,500	48	6.28	47
Nevada.....	35,643,402	33	34,344,497	32	1,298,905	18	1,081,461	29	9.99	17
New Hampshire.....	11,235,856	46	9,832,088	45	1,403,768	17	789,904	34	13.98	6
New Jersey.....	81,934,334	19	65,757,993	23	16,176,341	6	3,588,643	11	13.01	9
New Mexico.....	22,267,394	39	22,267,394	39	-	-	82,595	46	7.44	31
New York.....	148,177,523	6	86,555,755	14	61,621,768	1	1,617,064	22	15.22	3
North Carolina.....	131,880,754	9	131,880,754	7	-	-	2,742,956	14	7.83	27
North Dakota.....	11,905,695	43	11,905,695	42	-	-	577,988	39	6.42	44
Ohio.....	161,770,827	4	148,928,185	4	12,842,642	7	1,090,935	28	7.91	25
Oklahoma.....	55,193,200	26	55,193,200	24	-	-	1,413,839	25	7.29	32
Oregon.....	48,696,965	28	46,428,423	28	2,268,542	15	1,531,081	24	7.02	37
Pennsylvania.....	151,572,950	5	140,610,065	5	10,962,885	9	2,352,282	16	9.08	18
Rhode Island.....	8,013,022	49	6,871,049	47	1,141,973	19	57,705	47	13.12	8
South Carolina.....	81,948,158	18	81,948,158	18	-	-	1,769,634	20	7.18	33
South Dakota.....	10,603,301	47	10,603,301	43	-	-	0	50	6.89	39
Tennessee.....	106,716,934	13	106,716,934	10	-	-	3,028,217	12	7.07	36
Texas.....	343,828,582	1	343,828,582	1	-	-	34,602,270	1	10.11	16
Utah.....	27,785,447	37	27,785,447	36	-	-	1,001,187	31	6.41	45
Vermont.....	5,864,006	51	5,864,006	49	-	-	101,009	45	12.04	11
Virginia.....	111,569,552	10	111,525,729	8	43,823	20	2,455,363	15	7.12	35
Washington.....	85,741,947	16	83,474,596	17	2,267,351	16	624,040	37	6.37	46
West Virginia.....	34,183,839	34	34,183,839	33	-	-	662,965	36	5.34	49
Wisconsin.....	71,301,300	22	71,301,300	21	-	-	3,928,448	10	8.48	21
Wyoming.....	15,535,552	40	15,535,552	40	-	-	1,033,540	30	5.29	50
United States.....	3,764,560,712	-	3,482,022,697	-	282,538,015	-	159,253,522	-	9.13	-

MWh = Megawatthours.
kWh = Kilowatthours.
- (dash) = Data not available.